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ENVIRONMENT AND WATER RESOURCES

PUBLIC HEALTH SURVEY AND BASELINE HEALTH RISK ASSESSMENT ENVIRONMENTAL AND PUBLIC HEALTH IMPACTS STUDY

PREPARED FOR:

OMNITRANS

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LIST OF ACRONYMS AND ABBREVIATIONS

ADD	Average Daily Dose
CalEPA	California Environment Protection Agency
CalTrans	California Department of Transportation
CARB	California Air Resources Board
CFR	Code of Federal Regulations
COPC	Chemical Of Potential Concern
CSF	Cancer Slope Factor
dL	Deciliter
DTSC	Department of Toxic Substances Control
EPA	Environmental Protection Agency
EPC	Exposure Point Concentrations
FOD	Frequency Of Detection
HI	Hazard Index
HQ	Hazard Quotient
HRA	Health Risk Assessment
kg	Kilogram
LADD	Lifetime Average Daily Dose
Lpm	Liter Per Minute
m	meters
MDL	Method Detection Limit
ug	microgram
mg	milligram
NAS	National Academy of Sciences
nm	nanometers
PRP	Potentially Responsible Parties
ppb	parts per billion
ppbv	parts per billion by volume
QA/QC	Quality Assurance/Quality Control
RAGS	<i>Risk Assessment Guidance for Superfund</i>
RfC	Reference Concentration
RfD	Reference Dose
RME	Reasonable Maximum Exposure
SCAQMD	South Coast Air Quality Management District

SIA	Supplemental Investigation and Assessment
SRHS	Self-Reported Health Status
SVE	Soil Vapor Extraction
SVOC	Semi-Volatile Compounds
UC	University of California at Riverside
UCL	Upper Confidence Limit
USGS	United States Geologic Survey
USDA	United States Department of Agriculture
VOCs	Volatile Organic Compounds

EXECUTIVE SUMMARY

Komex H2O Science was retained by Omnitrans to perform an Environmental and Public Health Impacts Study of its fueling facilities in accordance with the requirements outlined in California Senate Bill 1927. This assembly bill was generated out of concerns expressed by residents living near the Omnitrans fueling facility at 1700 W. Fifth St., San Bernardino, California.

Omnitrans operates three fueling stations located at 1700 West 5th Street, San Bernardino (Metro Station); 234 South I Street, San Bernardino; and 4748 Arrow Highway, Montclair, California. The stations located on West 5th Street (San Bernardino) and Arrow Highway (Montclair) dispense liquid to compressed natural gas (LCNG) and diesel fuel to buses using the facility. Unleaded gas is also dispensed to staff cars, vans, and trucks. The station located on South I Street dispenses unleaded gasoline to buses using the facility.

The Metro Station fuels a fleet of more than 100 buses, houses two 30,000 gallon, double-walled LCNG storage tanks (Omnitrans, 2002). The daily fuel demand is approximately 11,000 gallons (Omnitrans, 2002). LCNG deliveries via tanker truck to the facility occur six days per week to ensure that tanks are "topped off". An elementary school, Ramona-Alessandro Elementary School is located to the northeast of the Metro Station across Medical Center Drive. The Metro Station has been the main focus of community odor complaints.

Since the construction of the three facilities, 181 odor complaints have been logged with the South Coast Air Quality Management District (SCAQMD). Of the 181 complaints, 164 pertained to the Metro Station facility and 12 to the I street facility.

A reanalysis of the redacted nursing logs from the Ramona-Alessandro Elementary School and Thompson Elementary School covering the period from January 2, 2002 to March 29, 2002 was performed. Thompson Elementary School is located approximately 6.5 miles east of Ramona Alessandro Elementary School in the Highland, California. An analysis of variance (ANOVA) of all the health effects measured above was performed to determine whether there was a difference in the responses that could be attributed to the fugitive emissions from the Omnitrans facility. Two health effects, spontaneous bloody noses and bloody noses caused by impacts, were found to have significant differences between the schools (greater at Ramona Alessandro than Thompson). The p value for spontaneous bloody noses and impacted caused bloody noses were both determined to be less than 0.05 (0.02 and 0.01, respectively). Other

health effects normally associated with exposure to air pollutants, including spontaneous vomiting, motion induced vomiting, nausea and headaches, and respiratory distress were determined not be significantly different between the schools.

Reports of spontaneous vomiting, spontaneous bloody noses, and respiratory distress had a low correlation coefficient with symptoms of nausea/headaches.

Local area business surveys were performed to determine the types of businesses located within one-half mile of the Omnitrans facilities and the types of emissions that were coming from each facility. The types of chemicals used, volumes of materials emitted, and potential emission stacks were noted in the survey. The results of the surveys were used to compile an emission estimate for all surveyed facilities in the vicinity of each Omnitrans facility. In addition to the physical survey of the sites, a search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR) for a radius up to one mile around each Omnitrans facility. A number of facilities were located near each of the Omnitrans facilities that are listed on State or Federal databases as storing, using, or emitting potential hazardous chemicals.

During October 2003, surveyors attempted to interview as many residents located within one-half mile of each of the fueling facilities to estimate public health. At the end of the survey period, a total of 597 residences were contacted; approximately 25% of the residences contacted during the survey process agreed to participate in the survey (151 residences); 54% verbally declined to participate; and 21% of the residences were either abandoned, had dogs on the residence or did not respond.

Requests have been made to the San Bernardino Unified School District (SBUSD) to survey students at the Ramona Alessandro Elementary School. When permission is granted by the SBUSD, the students will be surveyed and the results will be included in the final report.

Statistical testing of the self-reported health status (SRHS) of the residents surveyed in each community demonstrated no relationship between health status and proximity to the Omnitrans fueling stations. A relationship between the health statuses from previous years to current years (5 years ago, 3 years ago, and 1 year ago) was observed. Self-reported health status was primarily “about the same” for the majority of respondents in each community. Self-reported disease prevalence demonstrated no relationship with proximity to the Omnitrans fueling stations. A relationship between self-reported disease prevalence and age (older residents have more diseases) was observed. The current health status for most residents was primarily good or fair for all distances from the fueling stations. A small portion of respondents indicated that their current health status was poor.

The Industrial Source Complex-Short Term (ISCST3) model was performed on the industrial sources identified in within the half-mile radius of the Omnitrans facilities. The model is a steady state Gaussian plume model and is approved by the U.S. EPA for estimating ground level impacts from point and fugitive sources in simple and complex terrain. Meteorological data from the local SCAQMD's monitoring stations were used to represent local weather conditions and prevailing winds. The model was used to calculate the annual average chemical concentrations associated with each emitting source.

The modeling analysis also considered the spatial distribution of each emitting source in the relation to the community. Predicted mass ground level concentrations (GLCs) corresponding to the model output values expressed in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) were derived.

Several hypothetical receptors (persons) were identified with the objective of identifying those persons who would potentially be at greatest risk from activities at the Sites. The receptor with the greatest estimated potential cancer risks and noncancer hazard indices (HI) was the hypothetical onsite residential receptor whose higher risk is due to the greater exposure potential from longer exposure duration.

In no case evaluated in this risk assessment did the estimates of potential cancer risk and noncancer HI for receptors at the Site exceed the California Environmental Protection Agency's (CalEPA) Department of Toxic Substances Control (DTSC) risk management range. No estimated potential risks exceed the United States Environmental Protection Agency (EPA) acceptable risk range (40 Code of Federal Regulations [CFR] 300.430(e)(2)(I)(A)(2); EPA, 1991). No significant risks to students, residents, or employees were identified in this evaluation.

Conclusions from the study include:

- Self-reported health status demonstrated a larger proportion of respondents reporting a decline in health (past five years) near the Metro station than the other two facilities. The specific cause of the self-reported decline in health is unknown. The reports of health status from all three communities surveyed were normally distributed. The health status for each community were not skewed indicating a negative health effect from the refueling stations (the health status in each community were not significantly different);
- There was no difference in the health status when a comparison was made between the sites even when the fuel types dispensed were taken into account;
- A survey of students, those living near the school and those living farther away from the Ramona Alessandro Elementary School, found that most students reported their health as fair to excellent.

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- A survey of staff from the Ramona Alessandro Elementary School, found that most reported their health as fair to excellent. Staff members who lived within ½ mile of the site responded that their health was either fair (n=10) or poor (n=2) and that their health had declined somewhat since starting work at Ramona Alessandro Elementary School. The responses from staff members living within ½ mile of the Omnitrans facility appear to have been coordinated or written by the same person, and are suspect;
 - Actual risk from emissions from the Omnitrans facilities are unlikely to exceed risk management guidelines set by U.S. EPA or the California EPA;
 - The risks to community members from mobile sources emitting diesel particulate emissions exceeds all other risks from fugitive emissions of other sources in the area. According to the most recent SCAQMD study on mobile and stationary sources, the communities adjacent to the 5th Street and I Street stations are in a zone where the risk from mobile sources (I-10, I-215 Freeways) exceed 1,000 in 1,000,000 (SCAQMD, 2003).
 - The self-reported health status in each community has not been adversely impacted by the presence of the Omnitrans fueling facilities;
 - Multiple sampling events have failed to confirm continuing releases of natural gas used as fuel; and
 - Odor complaints generated after the removal of the compressed natural gas system appear to be related to the quarterly pump outs of wastewater sumps at the Metro facility.

TIMELINE OF ENVIRONMENTAL CONCERNS

Emissions from the Omnitrans compressed natural gas system; initially installed in 1998 at the Metro facility have been a source of complaints since 1998. The timeline of complaints include:

- **1998:** Omnitrans began CNG fueling at the Metro Station (Mikels, 2002);
- **August 1998:** First odor complaint received from Ramona-Alessandro Elementary School (Mikels, 2002);
- **July 1999:** Second odor complaint from Ramona-Alessandro Elementary School (Mikels, 2002);
- **July 1999 to December 1999:** Ramona-Alessandro Elementary School logs 19 odor complaints (Mikels, 2002);
- **September 1999:** Omnitrans begins notifying Ramona-Alessandro Elementary School and Fire Department when odors are generated at station (Mikels, 2002);
- **January 2000 to June 2000:** Two odor complaints logged at Ramona-Alessandro Elementary School (Mikels, 2002);
- **November 2000:** Enhancements to address venting issues made to CNG system (Mikels, 2002);
- **November 2000:** Omnitrans staff holds meetings with Ramona-Alessandro Elementary School PTA and with Community at Villaseñor Library (Mikels, 2002);
- **December 2000:** “Southern California Gas Company checked the engines on the 2 natural gas powered compressor units and found that the exhaust pipe to catalytic converter on one engine was cracked, allowing cool air into the converter. Also, the preheaters were not functioning due to electrical shorts in the controls. These operating conditions could allow mercaptan odors to escape from the system” (Complaint Report 138702);
“Natural gas is compressed and maintained at constant pressures between 3600 PSI and 4000 PSI in a system with constant vibration which leads to possible leaks from the numerous fittings.” (Complaint Report 138702);
- **December 6, 2000:** Omnitrans Board authorizes request for proposal (RFP) for a liquid compressed natural gas (LCNG) fueling facility (Mikels, 2002). SCAQMD provides experts to assist in exploring alternatives and take the lead in developing project specifications;
- **December 6, 2000:** Southern California Gas Company tested CNG station for emissions and overall operations of system. System passed and no CNG odors detected on site (Mikels, 2002);

- **December 13, 2000:** Director of the South Coast Air Quality Management District, Barry Wallerstein, attends Omnitrans meeting with Henry Hogo and Jean Ospital. The SCAQMD staff met with neighborhood residents who have complained at recent community meetings about odors and perceived health problems resulting from natural gas leaks at the Omnitrans facility (SCAQMD, 2001b);
- **December 19, 2000:** Two instantaneous gas samples were taken from a compressor vent at the East Valley Fueling Facility at 08:45 AM. The samples were analyzed by SCAQMD for sulfur compounds by Method 307-91. The following was the chemical signature of the source samples:

Compound	Sample 1 (ppmv)	Sample 2 (ppmv)
Hydrogen Sulfide	0.25	0.25
Carbonyl Sulfide	0.00	0.00
Methyl Mercaptan	0.44	0.49
Ethyl Mercaptan	0.59	0.63
Dimethyl Sulfide	0.23	0.25
Isopropyl Mercaptan	0.59	0.65
n-Propyl Mercaptan	0.24	0.27
Unknown Sulfur	0.12	0.14
Total Sulfur as H ₂ S	2.45	2.69

- **January 16, 2001:** Omnitrans meets with neighborhood at Villaseñor Library (Mikels, 2002);
- **February 1, 2001:** Omnitrans meets with neighborhood at San Bernardino City Hall (Mikels, 2002);
- **February 6, 2001:** Sample SWC-1 was collected on the South West corner of Ramona Alessandro Elementary School during an odor complaint. The sample was analyzed by SCAQMD for sulfur compounds by Method 307-91 and screened for methane by TCA FID. No sulfur compounds were detected above the method-reporting limit (less than 0.001 parts per million by volume (ppmv)). Methane was detected at a concentration of 3 ppm;
- **February 7, 2001:** Omnitrans staff addresses San Bernardino Unified School District Board Meeting (Mikels, 2002);

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- **March 2, 2001:** Omnitrans staff meets with neighborhood citizens at Villaseñor Library (Mikels, 2002);
 - **March 2, 2001:** Neighborhood newsletter (with Spanish translation) mailed to approximately 2,500 households within one-half mile radius of Metro Station outlining Omnitrans Action Plan. Newsletter also distributed to students at Ramona-Alessandro Elementary School (Mikels, 2002);
 - **March 15, 2001:** A notice to comply (NC) is filed with SCAQMD (NC C64659). Under the compliance section of the notice is noted: “Notify the District in advance of any maintenance or repairs or other procedures which may release gas or odors. Telephone the day prior or as soon as possible.” (SCAQMD, 2001);
 - **April 2, 2001:** Omnitrans’ staff makes presentation to San Bernardino City Council (Mikels, 2002);
 - **April 3, 2001:** Neighborhood newsletter (with Spanish translation) mailed to approximately 2,500 households within one-half mile radius of Metro Station (Mikels, 2002);
 - **April 4, 2001:** Chairperson for Westside Residents for Clean Air Now addresses Omnitrans Board of Directors and requests that specific Board Members meet to discuss odor issues (Mikels, 2002);
 - **April 18, 2001:** Omnitrans Board Ad Hoc Committee meets with neighborhood citizens committee to discuss the CNG station. A station tour is also provided (Mikels, 2002);
 - **April 25, 2001:** General Manager of Omnitrans and former Board Chairman hold press conference with community regarding plans to eliminate emissions of methyl mercaptan from CNG station (Mikels, 2002);
 - **April 25, 2001:** SCAQMD holds Town Hall Meeting at Villaseñor Library (Mikels, 2002).
 - **May 2, 2001:** Omnitrans Board votes to replace existing CNG station with a liquefied natural gas station (LNG), eliminating methyl mercaptan from the fueling process. Cost of new Metro Station estimated to be \$3.5 million (Mikels, 2002);
 - **May 18, 2001:** Former Board Chairman of Omnitrans sends letter (with Spanish translation) to approximately 2,500 households within one-half mile radius of Metro Station regarding plans for installation of LCNG station (Mikels, 2002). The letter also outlines the steps taken to minimize the releases of methyl mercaptan odorant, including round-the-clock inspection by Omnitrans’ personnel, the doubling the number of inspections by station maintenance contractor, installation of temporary filters and new valve to remove gas odor during maintenance repairs, and installation of a scrubber on the vent tube to remove odor from unscheduled gas releases (Mikels, 2002);

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- **June 6, 2001:** Omnitrans Board votes to discontinue pursuit of filtering system to scrub methyl mercaptan from CNG because it could not be installed until October 2001. Board approves \$50,000 contract to USA PRO form LCNG Consulting Services, and the release of an Invitation for Bid for LNG fuel for a five year period (Mikels, 2002);

- **June 13, 2001:** Executive Environmental conducts ambient air monitoring survey of Metro Station and personal sampling of two drivers (Mikels, 2002). At the time of the study, 102 buses were fueled using only one compressor. According EESC (2001) thirty-eight (38) samples were collected and analyzed for sulfur and hydrocarbon compounds that are normally found in compressed natural gas (CNG). During the course of the study it was noted that a “noticeable CNG odor” was present northeast of the compressor (EESC, 2001).

The thirty-six samples collected during the ambient sampling event measured carbonyl sulfide (COS), carbon disulfide (CS₂), methane (CH₄), and C6+ in most of the samples collected. Ethane was measured in one sample (Location 9 collected from 12:45 AM to 01:40 PM) at a concentration of 0.7 ppm. CS₂ was measured at range from 0.0022 ppm to 0.077 ppm, CH₄ at a range of 2.3 ppm to 33 ppm (Location 9 collected from 12:45 AM to 01:40 PM), and C6+ at a range of 1.9 to 7.9 ppm. Mercaptans and other sulfur were not measured in the samples above the method detection limits.

The recommendations from the report included:

To provide the results of the report to employees represented by the air monitoring in accordance with Title 8 Section 340.2 of the California Code of Regulations;

Employee exposure monitoring records must be retained for a period of 30 years in accordance with Title 8 Section 3204 of the California Code of Regulations; and,

Conduct additional sampling if any changes occur in the work practices, processes or related equipment usage that may increase employee exposure.

- **June 21, 2001:** South Coast Air Quality Management District Meeting. During the June 21st meeting members of Westside Residents for Cleaner Air Now addressed the Board regarding mercaptan odors emanating from the CNG fueling station for Omnitrans buses located in San Bernardino. According to the meeting minutes, the members of Westside Residents for Cleaner Air NOW stated mercaptan fumes are creating a nuisance to area residents, who believe the fueling station should be relocated to an industrial area in written comments (SCAQMD, 2001b);
- **July 11, 2001:** Omnitrans Board adopts resolution authorizing the use of California Energy Commission funding to construct LNG fueling infrastructure. Hoses connected to vent tubes to vent gas through mixture of bleach water to eliminate odor into air (Mikels, 2002);
- **July 20, 2001:** Representatives from WeCAN speak at SCAQMD Board Meeting opposing the funding of the proposal by Omnitrans to convert its CNG fueling facility in San

Bernardino to LNG. The reason for opposing the funding was that they believe that the existing facility was substandard facility with old, outdated CNG equipment that has had constant leaks. The representatives from WeCAN urged the SCAQMD Board to make the funds to Omnitrans for the LNG conversion contingent upon relocation of the facility to an industrial, non-residential area (SCAQMD, 2001e);

- **August 2001:** HAZOP analysis of Omnitrans fueling facility performed. According to notes from the April 8, 2002 meeting (see below), the HAZOP was done voluntarily by Omnitrans to look at “what happens off site if gas disperses.”;
- **August 1, 2001:** Board authorizes leaser of LNG equipment from Applied LNG Technologies for \$152,500 from September 1, 2001 until permanent LCNG station is operational (Mikels, 2002);
- **August 7, 2001:** Omnitrans and SCAQMD enter into a Settlement Agreement in which Omnitrans agreed to “install a temporary non-odorized LNG supply to replace the current existing odorized natural gas supply.” (SCAQMD, 2001d);
- **September 2001:** EnSafe Inc. (EnSafe) was retained by the SBUSD to perform an environmental assessment at the Ramona Alessandro Elementary School (Ensafe, 2001). According to the EnSafe report, the purpose of the study was to “characterize potential offsite emissions of compressed natural gas (CNG) and associated contaminants. Samples were collected at the boundary of the Omnitrans facility and the elementary school boundary” (EnSafe, 2001).

Analytical results showed detectable concentrations of hydrogen sulfide (H₂S) present (EnSafe, 2001) at three sampling locations (location 2, 3, and 4, closest to the compressor station on the Omnitrans facility). The first was location 2, due north of the compressor station. A concentration of 63 parts per billion by volume (ppbv) was measured from 10:00 PM on August 14, 2001 to 01:00 PM on August 15, 2001. The second was location 3, south east of the compressor station along the eastern boundary of the Omnitrans facility. A concentration of 36 ppbv was measured from 10:00 PM on August 14, 2001 to 01:00 PM on August 15, 2001. The third was location 4, due east of the compressors on the southwestern corner of the Ramona Alessandro Elementary School property (eastern edge of Medical Center Drive). Concentrations of 31 ppbv and 6.7 ppbv were measured at that location from 07:00 PM to 10:00 PM on August 14, 2001 and from 10:00 PM on August 14, 2001 to 01:00 PM on August 15, 2001, respectively.

One sample collected had measurable concentrations of isopropyl mercaptan (location 7). Location 7 was the southeast corner of the staff parking lot located on Ramona Street. A concentration of 8.2 ppbv was measured from 07:00 PM to 10:00 PM on August 14, 2001.

The source(s) of the hydrogen sulfide and isopropyl mercaptan measured in the community were not attributed to a particular source(s).

The recommendations of the report included:

- That the school grounds be closed to the public during refueling operations, normally from 06:00 P.M. to 01:00 AM;
 - The existing odor complaint procedures at the school be modified to instruct teachers, staff, and students to move indoors during an odor complaint;
 - That the results of the report be provided to the SCAQMD to seek their guidance on appropriate additional responses to the sampling results; and,
 - That the results of the reports also be provided to the Department of Toxic Substances Control (DTSC) toxicologist, Dr. Marilyn Underwood, who attended a meeting with community members and Omnitrans staff, to seek her guidance on appropriate additional responses to the sampling results.
- **October 17, 2001:** SCAQMD provided State Senator Nell Soto with a review of the EESC and EnSafe studies of the East Valley Fueling Station and Ramona-Alessandro Elementary School. The letter stated that it was SCAQMD “staff’s opinion that appropriate sampling analysis and quality assurance procedures were employed. However, the results are at best inconclusive, if not inconsistent with Omnitrans natural gas fueling equipment as the source of H₂S (hydrogen sulfide) found” (SCAQMD, 2001).

The inconsistencies noted by SCAQMD included:

That only H₂S was found the ambient samples (EnSafe report). The SCAQMD reasoned that since H₂S is typically the lowest concentration natural gas odorant, other odorants should have been found. The other odorants were not found in the ambient samples;

Given the prevailing wind during the sampling events, other sampling locations should have recorded detectable levels of H₂S based upon the levels of H₂S; measured. No measurable H₂S levels were found in other downwind locations.

The SCAQMD reasoned that if the source of H₂S was a natural gas leak at the East Valley Fueling Station, hydrocarbons normally found in natural gas such as ethane, propane, or butane should have been measured in samples that had recordable H₂S readings. According to the EnSafe report, none of the samples that measured H₂S measured hydrocarbons above the detection limit of 210 ppm; and

The final inconsistency noted by SCAQMD was that isopropylmercaptan (IPM) was found in one sample the location furthest from the East Valley Fueling Station. Since no other samples measured IPM, SCAQMD concluded, “it is difficult to identify Omnitrans as the source of the IPM” (SCAQMD, 2001).

Of the EESC report, SCAQMD determined that both the sampling and analytical techniques used were appropriate. The SCAQMD noted that the “low (<5) parts per billion levels of carbonyl sulfide (COS) and carbon disulfide (CS₂)” reported by EESC were below most published odor threshold limits (SCAQMD, 2001). T

The inconsistencies noted by SCAQMD included:

No consistent pattern of detections for COS and CS₂ at or around the East Valley Fueling Station;

Measured levels of methane did not correlate with measurements of COS and CS₂ or other hydrocarbons normally found in natural gas;

SCAQMD's analysis of the natural gas odorants at the East Valley Fueling Station did not measure COS; and

Performance Analytical, Inc., the contract laboratory that performed the analyses for EESC, suggested that the source of COS and CS₂ may be from the polypropylene fittings used in the sampling process.

SCAQMD stated that staff were collecting periodic "random samples in the evening and early nighttime hours in the area surrounding Omnitrans" (SCAQMD, 2001). At the time of the letter, samplers provide to Ramona Alessandro Elementary School staff and concerned citizens had not detected any sulfur-containing compounds in any samples (SCAQMD, 2001). The letter closed by saying that "As a result of the EnSafe report and your requests, the AQMD last week began an extensive monitoring program at Ramona Alessandro Elementary School in an effort to better understand both the source and magnitude of any ambient H₂S (SCAQMD, 2001).

- **February 5, 2002:** SCAQMD issues Omnitrans a Notice of Violation (P36852) for "odors causing a nuisance to a considerable number of people." The NOV is served on February 13, 2002;
- **February 5 and February 6, 2002:** During an odor incident at the East Valley Fueling Facility, SCAQMD collected 61 samples over a 24-hour period. According to the SCAQMD Monitoring and Analysis Report of Laboratory Analysis (2002), grab samples were collected using a ground glass syringe equipped with a Teflon stopcock. The report states, "Even though there was a strong odor present in the air, the instrument did not detect any reduced sulfur compounds. In order to rule sewer gas as the cause of the odor, a grab sample was collected from a manhole located between Omnitrans and the monitoring station. Low level Hydrogen Sulfide and Sulfur Dioxide were detected at levels consistent with the levels found during the previous weeks manhole testing" (SCAQMD, 2002).

SCAQMD collected 33 samples on February 5, 2002 from 12:19 PM to 11:52 PM and 28 samples on February 6, 2002 from 12:52 AM to 12:56 PM. Samples were collected along 6th Street, 20 feet west of Medical Center Drive; on Medical Center Drive in front of the SCAQMD monitoring station; on Medical Center Drive half way up 5th street; and from the manhole on Medical Center Drive. The sample was analyzed by SCAQMD for sulfur compounds by Method 307-91. Hydrogen sulfide (H₂S) was not measured in any of the

ambient samples above the method-reporting limit of 1.0 part per billion (ppb). The sample collected at 02:12 PM on February 5, 2002, measured H₂S at a concentration of 2.2 ppb;

- **February 6, 2002:** Omnitrans Board discusses the possibility of hiring a consultant to determine if the fueling station could be moved within the next 20 years. The Omnitrans Board elects to wait until construction of the LCNG station is completed to see if odor complaints are eliminated. The Executive Committee of the Omnitrans Board proposes to look at the issue again after the LCNG station has been operational for a few months (Mikels, 2002);
- **February 14, 2002:** Riverside Mayor and member of the SCAQMD Board, an EPA representative, a representative of Senator Soto's office, and Omnitrans staff meet with the neighborhood. The EPA representative agrees to schedule future meetings with Omnitrans and the neighborhood group to work on odor issues (Mikels, 2002);
- **February 22, 2002:** Senator Soto introduces Senate Bill (SB) 1927, which requires Omnitrans to contract with an independent third party to prepare and submit to the Legislature and Governor a report on the environmental and public health impacts of transit bus fueling stations located within the jurisdiction of the authority and owned and operated by the authority;
- **March 6, 2002:** Omnitrans staff, with EPA representative as mediator, along with representative from Senator Soto's office, meets with neighborhood group at Villaseñor Library (Mikels, 2002);
- **April 8, 2002:** Meeting between Omnitrans, Omnitrans's consultants (USAPRO/CNG Systems Consultant and General Physics), California Department of Health Services Environmental Health Investigations Branch (CDHS-EHIB), and the San Bernardino County Fire Marshall (CDHS-EHIB, 2002). The stated purpose of the meeting was to discuss community concerns and safety issues regarding the liquefied compressed natural gas fueling station. The topics of the meeting included:
 - A history of CDHS's interest in Omnitrans;
 - A history of the Metro facility;
 - The installation of the maintenance building, parking, and fueling structures at the Metro facility;
 - The August 2001 HAZOP Report of the East Valley Fueling Facility;
 - The 1997 CEQA and other applicable CEQA's;
 - A description of the Joint Powers Agreement;
 - Issues of community concern: Gas releases, citations, and attempts to remedy the problems; the switch from CNG to LCNG;
 - Omnitrans Community Outreach efforts: history of calls from the community, community notification processes for incidents, and any other efforts; and,

Applicable health and safety information/reports, including emergency response plans and procedures.

- **April 22, 2002:** Omnitrans began operation odorless liquefied compressed natural gas (LCNG) fueling station at the 1700 5th Street Station.

Unlike the odorized compressed natural gas that previously fueled the Omnitrans fleet, LNG contains no odorants. In the absence of odorants such as methyl mercaptan, methane sensors have been installed at Omnitrans facility and on its buses to detect gas. The station and its systems have passed review by the California Department of Health Services, the California Division of Occupational Safety and Health (Pressure Vessel Unit), the San Bernardino City Fire Department, and the San Bernardino County Fire Marshal;

- **May 16, 2002:** Omnitrans requests documentation from the SBCUSD to compare the student health at Ramona-Alessandro Elementary School and Thompson Elementary School. Omnitrans requests copies of Nurses Logs for Thompson Elementary School from January 2, 2002 through March 31, 2002; the A.H.E.R.A. Inventory and Action Plan for Ramona Alessandro Elementary School Indoor Air Quality surveys for the previous three years; and the Pesticide Application Logs from January 1, 2001 to May 16, 2001 for Ramona Alessandro Elementary School;
- **September 15, 2002:** Governor Gray Davis signs SB 1927 adding Section 99165 to the Public Utilities Code;
- **March 2003:** Two companies submit proposals to conduct study.
- **April 2, 2003:** Omnitrans Board awards contract for Public Health Study to Komex; pending confirmation from Senator Soto that final scope of work meets intent of SB 1927.
- **April 14, 2003:** Omnitrans, Komex, CCAEJ, and WeCAN representatives meet with Senator Soto's staff to resolve any gray areas related to scope of work meeting the intent of the bill;
- **April 23, 2003:** Senator Soto confirms in a letter that Komex's proposed scope of work will meet the requirements of Senate Bill 1927;
- **May 2003:** Proposes scheduling public meetings in June 2003 and July 2003. CCAEJ and WeCAN representatives request that the meetings be postponed to provide the community time to prepare;
- **July 2, 2003:** Komex presents timeline for completion of proposed scope of work to Omnitrans Board of Directors;
- **July 29, 2003:** The first meeting to update the community on the proposed project was held from 6:00 PM to 8:15 PM on July 29, 2003 at the Paul Villaseñor Branch Library (525 North Mt. Vernon, San Bernardino);

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- **July 31, 2003:** The second meeting to update the community on the proposed project was held from 6:00 PM to 8:00 PM on July 31, 2003 at Montclair's City Hall in the Council Chambers (5111 Benito Street, Montclair);
 - **August 5, 2003:** The third meeting to update the community on the proposed project was held from 6:00 PM to 8:00 PM on August 5, 2003 at the Paul Villaseñor Branch Library (525 North Mt. Vernon, San Bernardino);
 - **September 2003:** Meeting minutes summary provided to stakeholders (Omnitrans, SCAQMD, WeCAN). Omnitrans provides comments. No other stakeholders provide comments;
 - **October 15, 2003 to October 17, 2003:** Local area survey performed;
 - **October 20 to October 25, 2003:** Public health surveys performed.
 - **November 19, 2003: Draft report provided to all stakeholders.**
 - **November and December 2003:** Omnitrans and SBCUSD provide comments to draft report;
 - **November 19, 2003 to January 30, 2004:** Comment Period Ends;
 - **January 2004:** Survey of students, staff, and faculty at Ramona Alessandro Elementary School performed; and,
 - **February 2004: SCAQMD provides comments.** Finalize report.
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1 INTRODUCTION

Komex was retained by Omnitrans to perform an Environmental and Public Health Impacts Study in accordance with the requirements outlined in California Senate Bill 1927 (**Appendix A**).

1.1 OBJECTIVES

This evaluation is a scientific evaluation of potential human health effects associated with fugitive emissions from businesses, primarily the Omnitrans fueling stations, located in San Bernardino and Montclair. The overall objective of this risk evaluation is to evaluate potential health impacts to community members living near the Omnitrans fueling facilities. Omnitrans operates three fueling stations located at 1700 West 5th Street (hereafter referred to as the Metro Station), San Bernardino (Figure 1a), 234 South I Street (hereafter referred to as the I Street Station), San Bernardino (Figure 1a), and 4748 Arrow Highway (hereafter referred to as the West Valley Station), Montclair, California (Figure 1b). The Metro and West Valley Stations dispense liquid to compressed natural gas (LCNG) and diesel fuel to buses using the facility. Unleaded gas is also dispensed to staff cars, vans and trucks. The I Street dispenses unleaded gasoline to buses using the facility.

The risk assessment generally follows standard and customary practice as specified in California Environmental Protection Agency (Cal-EPA) and United States Environmental Protection Agency (EPA) guidelines for the performance of risk assessments (Cal-EPA, 1992 and 1994; and EPA, 1989). The overall approach taken in this risk evaluation is consistent with the Reasonable Maximum Exposure (RME) approach as defined by the EPA (1989). The RME approach is defined as the "highest exposure that is reasonably expected to occur at a site." Because conservative and health-protective assumptions were incorporated into this evaluation, the actual levels of human exposure and the potential health risks at the **sites** are likely to be substantially less than the quantitative estimates described in this evaluation. Consequently, the estimates of potential risk to current and hypothetical future receptors are likely to be overstated. Risk assessment is an iterative process that strives to define risks as a "not greater than" determination. Many of the assumptions employed in this assessment are conservative and the most protective of health. More scientific, site-specific or otherwise improved approaches would reduce the uncertainty and reduce the upper-bound risk estimates reported herein. Further refinements to the risk assessment methodology and assumptions used therein

would likely result in substantially lower estimates of the most probable risks to current and hypothetical future receptors.

1.2 APPROACH

The approach of this risk assessment is consistent with the guidelines originally published by the National Academy of Sciences (NAS, 1983). The guidelines suggest that risk assessments should contain some or all of the following four steps:

- **Identification of Chemicals of Potential Concern (COPCs) [also known as Hazard Identification].** An evaluation of site investigation data and identification of COPC with regard to potential health effects;
- **Exposure Assessment.** Identification of the receptors likely to be exposed to site-related chemicals and the likely extent of their exposure under defined exposure scenarios;
- **Toxicity Assessment.** A description of the relationship between the magnitude of exposure (dose) and the probability of occurrence of adverse health effects (response) associated with the COPCs; and
- **Risk Characterization.** Description of the nature and magnitude of potential health risks, comparison to federal criteria regarding health risks at hazardous waste sites, and a discussion of uncertainties in the analysis.

1.3 REPORT ORGANIZATION

The remainder of this report is organized in a manner consistent with the above-mentioned sections of a risk assessment. The sections of the report are as follows:

- Section 2, **Site Background**, describes the site history, background information, and recently collected data used in developing the risk evaluation;
- Section 3, **Public Health Survey**, describes the results of the public health survey recently collected from residents living within ½ mile of the Omnitrans fueling facilities;
- Section 4, **Local Area Survey**, describes the emission inventory prepared of businesses including the Omnitrans fueling facilities, located in each community;
- Section 5, **Dispersion Modeling**, describes the results of the dispersion modeling performed for each site;
- Section 6, **Identification of COPCs**, presents the analytical data used in the risk assessment, discusses the nature and extent of chemicals in soil at the site, and identifies the chemicals that will be evaluated quantitatively in the assessment;

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- Section 7, **Exposure Assessment**, presents the likely human receptors of concern and estimates the magnitude of exposure of those receptors to the COPCs;
 - Section 8, **Toxicity Assessment**, describes the theoretical basis for derivation of human health criteria for chemicals in general and presents the specific health criteria for the COPCs;
 - Section 9, **Risk Characterization**, presents the results of the analysis in which the attendant human health risks associated with the exposures are quantified and described;
 - Section 10, **Uncertainty Analysis**, presents the results of the uncertainty analysis;
 - Section 11, **Conclusions**, presents the conclusions of the report; and
 - Section 12, **References**, presents the references used in the report.

2 SITE BACKGROUND

The following provides a summary of relevant information regarding the fueling stations and issues related to operation of the fueling stations and a brief synopsis of previous investigations performed at or near the sites. The three stations, Metro, I Street, and West Valley, are located at 1700 West 5th Street, San Bernardino, 234 South I Street, San Bernardino, and 4748 Arrow Highway, Montclair, California, respectively. The Metro and West Valley Stations dispense liquid to compressed natural gas (LCNG) and diesel fuel to buses using the facility. Unleaded gas is also dispensed to staff cars, vans and trucks. The I Street Station dispenses unleaded gasoline to buses using the facility.

Omnitrans is a public transit agency serving fifteen cities and the unincorporated areas of the Inland Valley of San Bernardino County in Southern California. The agency employs 660 direct and 240 contracted employees. Omnitrans currently operates 36 fixed bus routes in a 480-square-mile area. Omnitrans also provides OmniLink and Access service. The combined services provide more than 16 million passenger trips annually.

Because of concerns over the impacts that diesel emissions have as potential carcinogens and a desire to improve air quality in the South Coast Air Basin, the South Coast Air Quality Management District promulgated Rule 1192, The Clean On-Road Transit Buses. This rule mandates that Omnitrans and other public transit fleet operators “acquire alternative-fuel heavy-duty vehicles when procuring or leasing these vehicles to reduce air toxic and criteria pollutant emissions.” The rule applies to “public transit fleets with 15 or more public transit vehicle or urban buses, operated by government agencies or operated by private entities under contract to government agencies, that provide passenger transportation services including intra- and intercity shuttle services. “

Under Rule 1192 Alternative-Fuel Heavy-Duty Vehicle “means a heavy-duty vehicle, urban bus or engine that uses compressed or liquified natural gas, propane, methanol, electricity, fuel cells, or other advanced technologies that do not rely on diesel fuel, and meets the emission requirements of Title 13, Section 1956.1 of the California Code of Regulations [adopted by the California Air Resources Board (CARB) on February 24, 2000].

As noted in the timeline above, Omnitrans started putting alternative fuel heavy duty vehicles in to service in 1998.

2.1 METRO STATION, 1700 WEST 5TH STREET, SAN BERNARDINO, CALIFORNIA

The Metro Station is located at 1700 West 5th Street, San Bernardino, California (Figure 1a). The station covers an area approximately 9.4 acres and is bounded to the north by 6th Street, to the east by Medical Center Drive, to the south by 5th Street, and to the west by Gardena Street (Figure 2). The facility consists of the maintenance buildings, office building, wash/steam clean building, fuel dispensing building, LCNG storage building, and the former CNG fueling equipment (Figure 2). The area immediately to the north, west, and east of the station is primarily residential. An elementary school, Ramona-Alessandro Elementary School is located approximately to the northeast of the station across Medical Center Drive. The southern boundary of the station is Nunez Park.

The Metro Station fuels a fleet of more than 100 buses, houses two 30,000 gallon, double-walled LNG storage tanks (Omnitrans, 2002). The tanks store liquefied compressed natural gas (LCNG) at minus 250 degrees Fahrenheit (°F), using vacuum pressure and insulation to keep the fuel cold. The liquid is pumped out of the tanks and passed through a vaporizer, which changes the fuel from a liquid to compressed gas state for transfer to the bus fuel tanks (Omnitrans, 2002). The daily fuel demand is approximately 11,000 gallons of fuel (Omnitrans, 2002). LNG deliveries via tanker truck to the facility occur six days per week to ensure that tanks are "topped off." **Figures 3 through 5** show the volumes and types of fuel delivered to the West 5th Street Station since the year 2001.

The majority of fueling operations occur from 18:00 to 01:00 (EnSafe, 2001).

2.1.1 STATION TIMELINE

- **1978:** Omnitrans moved operations and administration to 1700 W. 5th Street in San Bernardino. Since that time, both diesel fuel and gasoline have been dispensed at this location. Previously, the property was occupied by an auto dealership which also dispensed gasoline on site.
- **1989:** Ground was broken on a new Metro facility at 5th St. and Medical Center Drive. A two-story 22,000 square foot building for housing administration, special transit and operations personnel are constructed along with 2 temporary structures on the 9.4 acre parcel. Funding for the project came from the federal capital assistance grant through Urban Mass Transit Administration, with additional funding from the state of California Local Transit Fund;

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- **1991:** First phase began on administration building, fuel island, dynamometer and bus wash, concrete driveways replacing existing asphalt and expanded coach parking. In preparation for construction, a warehouse building was demolished and thousands of yards of earth were removed, then compacted to provide a foundation for the 25,000 square foot building;
 - **June 12, 1992:** The new administration building at the Metro station is opened;
 - **1995:** A \$1.3 million grant for funding alternative fuel projects was received. Over 8.6 million riders boarded fixed-route buses, an increase of 23.2% over 1994;
 - **1996:** Omnitrans acquired its first CNG buses. West Valley Facility added a state-of-art CNG fueling station for refueling CNG buses;
 - **1997:** Total passengers system-wide exceeded 11 million during the fiscal year. Omnitrans breaks ground on a new Maintenance and Operations Complex at its Metro facility;
 - **August 4, 1997:** Omnitrans files a CEQA Notice of Exemption for analysis of East Valley Fueling Facility. The Categorical Exemption claimed for the project is under 23 CFR Part 771.117(d)(8) (Omnitrans, 1997);
 - **1998:** Omnitrans began CNG fueling at the Metro Station (Mikels, 2002).
 - **August 1998:** First odor complaint received from Ramona-Alessandro Elementary School (Mikels, 2002);
 - **July 1999:** Second odor complaint from Ramona-Alessandro Elementary School (Mikels, 2002);
 - **July 1999 to December 1999:** Ramona-Alessandro Elementary School logs 19 odor complaints (Mikels, 2002);
 - **September 1999:** Omnitrans begins notifying Ramona-Alessandro Elementary School and Fire Department when odors are generated at station (Mikels, 2002);
 - **January 2000 to June 2000:** Two odor complaints logged at Ramona-Alessandro Elementary School (Mikels, 2002);
 - **April 18, 2000:** Omnitrans takes delivery of 44 new low floor buses. The buses were manufactured by New Flyer of Winnipeg, Canada with final assembly in Crookston, Minnesota (Omnitrans, 2000);

The funding for the buses, which cost approximately \$325,000 each, came from a combination of Federal, State, South Coast Air Quality Management District (AQMD), and local sources. The Federal sources included FTA Section 5307 for urbanized area formula funding, FTA Section 5309 for capital discretionary funding and FTA CMAQ (Congestion Mitigation and Air Quality) discretionary funds used for programs that support clean air.

AB2766 and the Carl Moyer program were funded through AQMD to help with the purchase of large heavy-duty clean fuel buses.

All of the initial order of 44 compressed natural gas (CNG) buses were 40 feet long. Twenty of the buses were replacing worn out vehicles in the fleet and the remainder were for expansion;

- **September 2000:** Omnitrans Board approved contract with Natural Gas Systems, Inc. for CNG maintenance and repair services (Mikels, 2002);
- **November 2000:** Enhancements to address venting issues made to CNG system (Mikels, 2002);
- **November 2000:** Omnitrans staff holds meetings with Ramona-Alessandro Elementary School PTA and with Community at Villaseñor Library (Mikels, 2002);
- **December 2000:** “Southern California Gas Company checked the engines on the two natural gas powered compressor units and found that the exhaust pipe to catalytic converter on one engine was cracked, allowing cool air into the converter. Also, the preheaters were not functioning due to electrical shorts in the controls. These operating conditions could allow mercaptan odors to escape from the system” (Complaint Report 138702).

“Natural gas is compressed and maintained at constant pressures between 3600 PSI and 4000 PSI in a system with constant vibration which leads to possible leaks from the numerous fittings.” (Complaint Report 138702);

- **December 6, 2000:** Omnitrans Board authorizes request for proposal (RFP) for a liquid compressed natural gas (LCNG) fueling facility (Mikels, 2002). SCAQMD provides experts to assist in exploring alternatives and take the lead in developing project specifications;
- **December 6, 2000:** Southern California Gas Company tested CNG station for emissions and overall operations of system. System passed and no CNG odors detected on site (Mikels, 2002);
- **December 6, 2000:** SCAQMD provides information and an interview to Westside Story on Omnitrans and mercaptan (SCAQMD, 2001a);
- **December 13, 2000:** Director of the South Coast Air Quality Management District, Barry Wallerstein, attends Omnitrans meeting with Henry Hogo and Jean Ospital. The SCAQMD staff met with neighborhood residents who have complained at recent community meetings about odors and perceived health problems resulting from natural gas leaks at the Omnitrans facility (SCAQMD, 2001b);
- **January 16, 2001:** Omnitrans meets with neighborhood at Villaseñor Library (Mikels, 2002);

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- **February 1, 2001:** Omnitrans meets with neighborhood at San Bernardino City Hall (Mikels, 2002);
 - **February 7, 2001:** Omnitrans staff addresses San Bernardino Unified School District Board Meeting (Mikels, 2002);
 - **March 2, 2001:** Omnitrans staff meets with neighborhood citizens at Villaseñor Library (Mikels, 2002);
 - **March 2, 2001:** Neighborhood newsletter (with Spanish translation) mailed to approximately 2,500 households within one-half mile radius of Metro Station outlining Omnitrans' Action Plan. Newsletter also distributed to students at Ramona-Alessandro Elementary School (Mikels, 2002);
 - **March 15, 2001:** A notice to comply (NC) is filed with SCAQMD (NC C64659). Under the compliance section of the notice is noted: "Notify the District in advance of any maintenance or repairs or other procedures which may release gas or odors. Telephone the day prior or as soon as possible." (SCAQMD, 2001);
 - **April 2, 2001:** Omnitrans staff makes presentation to San Bernardino City Council (Mikels, 2002);
 - **April 3, 2001:** Neighborhood newsletter (with Spanish translation) mailed to approximately 2,500 households within one-half mile radius of Metro Station (Mikels, 2002);
 - **April 4, 2001:** Chairperson for Westside Residents for Clean Air Now (WeCAN) addresses Omnitrans Board of Directors and requests that specific Board Members meet to discuss odor issues (Mikels, 2002);
 - **April 18, 2001:** Omnitrans Board Ad Hoc Committee meets with neighborhood citizens committee to discuss the CNG station. A station tour is also provided (Mikels, 2002);
 - **April 25, 2001:** General Manager of Omnitrans and former Board Chairman hold press conference with community regarding plans to eliminate emissions of methyl mercaptan from CNG station (Mikels, 2002);
 - **April 25, 2001:** SCAQMD holds Town Hall Meeting at Villaseñor Library (Mikels, 2002);
 - **May 2, 2001:** Omnitrans Board votes to replace existing CNG station with a liquefied natural gas station (LNG), eliminating methyl mercaptan from the fueling process. Omnitrans Board approves contract with General Physics for \$5,476,957 for the design, construction, installation, and maintenance of LNCG fueling facilities at Metro and West Valley stations. An additional \$100,000 is approved for contract for change orders if required by regulatory agencies. Cost of Metro Station estimated to be \$3.5 million (Mikels, 2002);

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- **May 18, 2001:** Former Board Chairman of Omnitrans sends letter (with Spanish translation) to approximately 2,500 households within one-half mile radius of Metro Station regarding plans for installation of LCNG station (Mikels, 2002). The letter also outlines the steps taken to minimize the releases of methyl mercaptan odorant, including round-the-clock inspection by Omnitrans' personnel, the doubling the number of inspections by station maintenance contractor, installation of temporary filters and new valve to remove gas odor during maintenance repairs, and installation of a scrubber on the vent tube to remove odor from unscheduled gas releases (Mikels, 2002);
 - **June 6, 2001:** Omnitrans Board votes to discontinue pursuit of filtering system to scrub methyl mercaptan from CNG because it could not be installed until October 2001. Board approves \$50,000 contract to USA PRO form LCNG Consulting Services, and the release of an Invitation for Bid for LNG fuel for a five year period (Mikels, 2002);
 - **June 13, 2001:** Executive Environmental conducts ambient air monitoring survey of Metro Station and personal sampling of two drivers (Mikels, 2002);
 - **June 21, 2001:** SCAQMD Meeting. During the June 21st meeting members of WeCAN addressed the Board regarding mercaptan odors emanating from the CNG fueling station for Omnitrans buses located in San Bernardino. According to the meeting minutes, the members of WeCAN stated mercaptan fumes were creating a nuisance to area residents, who believed the fueling station should be relocated to an industrial area in written comments (SCAQMD, 2001b).

Mayor Pro Tem Leonard Paulitz, of Cities of San Bernardino County, commented that the Omnitrans board voted to replace the CNG fueling stations in both the city of Montclair and the city of San Bernardino with LNG, thereby eliminating the odor problem. He noted also that the CNG station in Montclair was constructed approximately five years ago; however, it was never operable. Therefore, the Omnitrans buses in Montclair were all diesel-fueled, and all of the CNG buses were in San Bernardino (SCAQMD, 2001b).

A member of WeCAN pointed out that the LNG equipment was not scheduled to be installed at the Omnitrans fueling station in San Bernardino until February 2002. While Omnitrans initially considered installing scrubbers at the facility to control the mercaptan odors in the interim, their board, after learning it would take until October 2001 to install the scrubbers, decided it would not be cost effective for equipment that would only be used for four months (SCAQMD, 2001b).

In response to concern by Dr. Burke that the fueling facility was located across the street from an elementary school, Dr. Wallerstein commented that staff would be proposing to the Board's Technology Committee a series of grants related to fueling stations, and that one of

the proposed grants relates to providing assistance to Omnitrans for procurement of the new LNG equipment for the San Bernardino site (SCAQMD, 2001b);

- **July 11, 2001:** Omnitrans Board adopts resolution authorizing the use of California Energy Commission funding to construct LNG fueling infrastructure. Hoses connected to vent tubes to vent gas through mixture of bleach water to eliminate odor into air (Mikels, 2002);
- **July 20, 2001:** Representatives from WeCAN speak at SCAQMD Board Meeting opposing the funding of the proposal by Omnitrans to convert its CNG fueling facility in San Bernardino to LNG. The reason for opposing the funding was that they believe that the existing facility was substandard facility with old, outdated CNG equipment that has had constant leaks. According to the representatives of WeCAN the residents in the vicinity had made numerous complaints to the SCAQMD regarding methyl mercaptan odors from gas leaks at the facility. The representatives from WeCAN urged the SCAQMD Board to make the funds to Omnitrans for the LNG conversion contingent upon relocation of the facility to an industrial, non-residential area (SCAQMD, 2001e);
- **August 2001:** HAZOP analysis of Omnitrans fueling facility performed. According to notes from the April 8, 2002 meeting (see below), the HAZOP was done voluntarily by Omnitrans to look at “what happens off site if gas disperses.”;
- **August 1, 2001:** Board authorizes leaser of LNG equipment from Applied LNG Technologies for \$152,500 from September 1, 2001 until permanent LCNG station is operational (Mikels, 2002);
- **August 7, 2001:** Omnitrans and SCAQMD enter into a Settlement Agreement in which Omnitrans agreed to “install a temporary non-odorized LNG supply to replace the current existing odorized natural gas supply.” (SCAQMD, 2001d);
- **September 5, 2001:** Omnitrans Board approves contract to Applied LNG Technologies for LCNG fuel for a five-year period (Mikels, 2002);
- **November 7, 2001:** Omnitrans Board approved amendment to contract with USA Pro for LCNG Consulting Services for an additional \$15,000 to handle unforeseen extra work dealing with regulatory agencies (Mikels, 2002);
- **December 5, 2001:** Omnitrans Board approved contract with Complete Coach Works for installation of methane sensing equipment inside the passenger compartment and relocation of existing sensors in the engine compartment, to meet Title 13 requirements, in the amount of \$44,494 (Mikels, 2002);
- **2002:** Omnitrans became the first transit authority to use electric/gasoline hybrid coaches that run on Route 2. These buses reduce the amount of emissions significantly than

compressed and liquefied natural gas vehicles. Improvements to the Fontana Transit Center were completed;

- **January 9, 2002:** Omnitrans Board authorized change order with General Physics to facilitate the completion of construction services required under Title 8 regulations (Mikels, 2002);
- **February 5, 2002:** SCAQMD issues Omnitrans a Notice of Violation (P36852) for “odors causing a nuisance to a considerable number of people.” The NOV is served on February 13, 2002;
- **February 6, 2002:** Omnitrans Board discussed the possibility of hiring a consultant to determine if the fueling station could be moved within the next 20 years. The Omnitrans Board elects to wait until construction of the LCNG station is completed to see if odor complaints are eliminated. The Executive Committee of the Omnitrans Board proposes to look at the issue again after the LCNG station has been operational for a few months (Mikels, 2002);
- **February 14, 2002:** Riverside Mayor and member of the SCAQMD Board, an EPA representative, a representative of Senator Soto’s office, and Omnitrans staff meet with the neighborhood. The EPA representative agreed to schedule future meetings with Omnitrans and the neighborhood group to work on odor issues (Mikels, 2002);
- **February 22, 2002:** Senator Soto introduced Senate Bill (SB) 1927, which requires Omnitrans to contract with an independent third party to prepare and submit to the Legislature and Governor a report on the environmental and public health impacts of transit bus fueling stations located within the jurisdiction of the authority and owned and operated by the authority;
- **March 6, 2002:** Omnitrans staff, with EPA representative as mediator, along with representative from Senator Soto’s office, meets with neighborhood group at Villaseñor Library (Mikels, 2002);
- **April 8, 2002:** Meeting between Omnitrans, Omnitrans’ consultants (USAPRO/CNG Systems Consultant and General Physics), California Department of Health Services Environmental Health Investigations Branch (CDHS-EHIB), and the San Bernardino County Fire Marshall (CDHS-EHIB, 2002). The stated purpose of the meeting was to discuss community concerns and safety issues regarding the liquefied compressed natural gas fueling station. The topics of the meeting included:
 - A history of CDHS’s interest in Omnitrans.;
 - A history of the Metro facility;
 - The installation of the maintenance building, parking, and fueling structures at the Metro facility;
 - The August 2001 HAZOP Report of the East Valley Fueling Facility;

The 1997 CEQA and other applicable CEQA's;
A description of the Joint Powers Agreement;
Issues of community concern: Gas releases, citations, and attempts to remedy the problems; the switch from CNG to LCNG;
Omnitrans Community Outreach efforts: history of calls from the community, community notification processes for incidents, and any other efforts; and
Applicable health and safety information/reports, including emergency response plans and procedures.

- **April 22, 2002:** Omnitrans began operation odorless liquefied compressed natural gas (LCNG) fueling station at the 1700 5th Street Station.

Unlike the odorized compressed natural gas that previously fueled the Omnitrans fleet, LNG contains no odorants. In the absence of odorants such as methyl mercaptan, methane sensors were installed at Omnitrans' facility and on its buses to detect gas. The station and its systems passed review by the California Department of Health Services, the California Division of Occupational Safety and Health (Pressure Vessel Unit), the San Bernardino City Fire Department, and the San Bernardino County Fire Marshal.

All bus fuel and safety monitoring systems were inspected and approved by the California Highway Patrol (Commercial Vehicle Inspection Division). Additionally, Omnitrans secured a five-year contract for maintenance of its LCNG station with General Physics, the firm that manufactured the facility.

A smaller version of this \$3.8 million station currently under construction at Omnitrans' West Valley facility in Montclair, with completion expected in early May, 2002;

- **May 16, 2002:** Omnitrans requested documentation from the SBCUSD to compare the student health at Ramona-Alessandro Elementary School and Thompson Elementary School. Omnitrans requested copies of Nurses Logs for Thompson Elementary School from January 2, 2002 through March 31, 2002; the A.H.E.R.A. Inventory and Action Plan for Ramona Alessandro Elementary School Indoor Air Quality surveys for the previous three years; and the Pesticide Application Logs from January 1, 2001 to May 16, 2001 for Ramona Alessandro Elementary School;
- **September 15, 2002:** Governor Gray Davis signs SB 1927 adding Section 99165 to the Public Utilities Code;
- **March 2003:** Two companies submit proposals to conduct study.
- **April 2, 2003:** Omnitrans Board awards contract for Public Health Study to Komex; pending confirmation from Senator Sotos that final scope of work meets intent of SB 1927.
- **April 14, 2003:** Omnitrans, Komex, CCAEJ, and WeCAN representatives meet with Senator Soto's staff to ensure that the scope of work meeting the intent of the bill.

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- **April 23, 2003:** Senator Soto confirmed in a letter that Komex's proposed scope of work will meet the requirements of Senate Bill 1927;
 - **May 2003:** Proposes scheduling public meetings in June 2003 and July 2003. CCAEJ and WeCAN representatives request that the meetings be postponed to provide the community time to prepare;
 - **July 2, 2003:** Komex presented timeline for completion of proposed scope of work to Omnitrans Board of Directors;
 - **July 29, 2003:** The first meeting to update the community on the proposed project was held from 6:00 PM to 8:15 PM on July 29, 2003 at the Paul Villaseñor Branch Library (525 North Mt. Vernon, San Bernardino). Minutes for the meeting are presented in **Appendix B**;
 - **July 31, 2003:** The second meeting to update the community on the proposed project was held from 6:00 PM to 8:00 PM on July 31, 2003 at Montclair's City Hall in the Council Chambers (5111 Benito Street, Montclair). Minutes for the meeting are presented in **Appendix B**;
 - **August 5, 2003:** The third meeting to update the community on the proposed project was held from 6:00 PM to 8:00 PM on August 5, 2003 at the Paul Villaseñor Branch Library (525 North Mt. Vernon, San Bernardino). Minutes for the meeting are presented in **Appendix B**;
 - **September 2003:** Meeting minutes summary provided to stakeholders (Omnitrans, SCAQMD, WeCAN). Omnitrans provided comments. No other stakeholders provide comments;
 - **October 15, 2003 to October 17, 2003:** Local area survey performed. Results of the survey are presented in **Appendix C**; and
 - **October 20 to October 25, 2003:** Public health surveys performed. The survey instrument is provided in **Appendix D**.
 - **November 19, 2003:** Draft report provided to all stakeholders.
 - **November and December 2003:** Omnitrans and SBCUSD provide comments to draft report;
 - **November 19, 2003 to January 30, 2004:** Official Comment Period Ends;
 - **January 2004:** Survey of students, staff, and faculty at Ramona Alessandro Elementary School performed;
 - **February 24, 2004:** Written comments from SCAQMD received, and,
 - **March 3, 2004:** Finalize report and present before Omnitrans Board of Directors.

2.1.2 SCAQMD ODOR COMPLAINT TIMELINE

Since the construction of the Metro Station Fueling Facility 169 odor complaints have been logged with the SCAQMD by the community. Of the 169 odor complaints logged, 164 were determined by SCAQMD to have originated from the Omnitrans facility. The remaining 5 either did not have an actual source listed or the source was unknown. **Figure 6** shows the number of complaints logged with SCAQMD and the types of complaints logged. The following is a summary of the major complaints logged. The last odor complaint received occurred on August 1, 2003.

- **August 17, 1998:** Ramona-Alessandro Elementary School “was evacuated when the odors from the natural gas system became so bad.” (Complaint Report 117760);
- **August 27, 1998:** Children on the playground at Ramona-Alessandro Elementary School become ill after smelling a gas odor. A security guard and parent also smelled the odor, which resembled natural gas (Complaint Report 117760). The Complaint Report states that according to Omnitrans personnel, “a vacuum truck had been pumping out the facility’s water clarifier at about the same time as the reported complaints.”;
- **March 2, 2001:** Three school employees (two recreation aides and a crossing guard) noticed odors outside the school at 08:45 AM and 08:55 AM. Complaint Number 140157 lists the description of the odors as “diesel”. The Inspector Comments noted that the Director of Maintenance for Omnitrans said that Omnitrans had “released 30 to 100 lbs of natural gas to lower pressure in the compressor unit so that seals could be replaced. He said that they had run the gas through a 55 gal drum containing a bleach solution in an effort to neutralize the mercaptan odor, but apparently this was insufficient to neutralize all of the chemical. The seals were leaking and had to be replaced and gas pressure had to be lowered to safely do the maintenance work. This procedure of releasing uncontrolled gas into the atmosphere during regular maintenance and/or emergency repairs is an indicator that controls on the natural gas compressor units are inadequate as far as preventing odors in the neighborhood and consequent complaints.” (Complaint Report 140157);
- **March 15, 2001:** Eleven complaints (140375 to 140383, 140486, and 140647) filed with the SCAQMD for “natural gas odor.” At the time the inspector was present meeting with complainants, the inspector “did not notice any unusual odors.” (Complaint Report 140386). During the investigation by the inspector, an interview was performed with the Omnitrans Director of Maintenance. The Director informed the inspector that “vacuum pumping tanker trucks had been contracted to pump out 3 large, underground clarifier tanks containing tanks are due to bus washing, rain, etc. Omnitrans called the elementary school at 07:30 AM to notify them that there could be some odors released, but was unable to

contact anyone at the school until 07:58 AM. The neighborhood residents were not contacted. The pumping was actually started around 6AM to avoid the active school hours” (Complaint Report 140386).

“The clarifiers are similar in construction to septic tanks and hold the runoff water that goes down the drains when the transit buses are washed with soap and water. Dirt, oil and road grime is removed from buses and the contaminated water must be removed from the property by tanker trucks. A buildup of bacteria causes odors similar to rotten eggs or sewers and the odors may be released during the pumping operations. There is a hissing sound during pumping as described by one of the complainants.” (Complaint Report 140386). The Director of Maintenance indicated that Omnitrans did “use a biological agent that is added to the tanks to reduce undesirable bacteria and that the procedure was being changed to add more of the controlling agent.” The inspector issued Notice to Comply No. C. 6459 requesting that the SCAQMD be notified in advance of any maintenance or repair work that may cause odors in the area. The inspector determined that the cause of odors was the sumps as detailed above;

- **March 30, 2001:** Four complaints (140732 to 14735) are filed with SCAQMD for “gas odors” “very strong gas odors” and “natural gas odor”. The Inspector Comments on Complaint 140732 noted that natural gas odor complaints with Omnitrans as the source had been occurring for months;
- **June 29, 2001:** SCAQMD issues Omnitrans a Notice of Violation (P33468) for “operation of a CNG refueling station in a manner that created a public nuisance.” The NOV is served on July 3, 2002. The SCAQMD Engineering and Compliance Division Violation Notice Report with Field Notes from the inspector detailed the incident that occurred on June 29, 2001 including the odor complaints received by SCAQMD by residents of the community and the inspection performed by SCAQMD of the Omnitrans facility. The field notes from the inspector stated:

“At 19:30 hrs., I arrived at the intersection of 6th and Medical Center in San Bernardino. I parked my District car at the southwest corner and got out to check for odors. I detected natural gas type odors at a 7-8 level based on a 1-10 scale. It should be noted that the location I was standing at is approximately 30 feet to the East of the two Compressed Natural Gas (CNG) compressors located at Omnitrans. The wind was out of the WN/W at approximately 0-3 mph and swirling.

At 1935 hrs., I drove up wind of the facility onto Gardena St, and checked for the natural gas odors. I did not detect any gas odors.

From 1940 hrs. to 1948 hrs., I checked for odors at the intersections of 6th St./Ramona and 6th St/Caberara. I detected natural gas odors at a 5-6 level based on a 1-10 scale at both locations.” The inspector collected a total of 13 complaints from 11 homes in the community.

The report goes onto detail the inspection of the Omnitrans facility from 2040 hrs to 2210 hrs and the detection of natural gas odors adjacent to and downwind of the compressors at a level varying from 5-8 based on a 1-10 scale. The inspector noted that “heavy natural gas odors” were detected “inside and outside both compressor cabinets.” “Compressor #1 had natural gas type odors at an 8-9 range being blown out of the “T” fitting. The desiccant tank had natural gas type odors at a 5-7 level being blown out of it.” The unit was voluntarily shut down. “Compressor #2 had natural gas type odors at an 4-5 range being blown out of the “T” fitting. The desiccant tank had natural gas type odors at a 3-4 level being blown out of it. Subsequent shutdown of both units, airing them out, and restarting compressor #2 found natural gas odors at a 4-6 level being emitted from inside the compressor cabinet.”;

Feb. 5, 2002, Date for which a second NOV for odors was issued by SCAQMD. Date NOV served was 2/13/02,

- **August 1, 2003:** An odor complaint was caused by the quarterly (once every three months) pump out of clarifier tanks at the West 5th Street facility. The clarifiers collect wastewater and run-off from Omnitrans bus wash, fuel island and bus yard. Omnitrans is required by EPA to capture the wastewater. The wastewater has an odor similar to sewer gas. To control the odor, Omnitrans puts enzymes in the tanks weekly to minimize odor build up;

2.1.3 SCAQMD SAMPLING RESULTS

The following is a summary of sampling performed by SCAQMD and community members between the year 2000 and 2002. Tedlar bags were provided by SCAQMD for community members to collect grab samples during periods when odors were detected.

- **December 19, 2000:** Two instantaneous gas samples were taken from a compressor vent at the East Valley Fueling Facility at 08:45 AM. The samples were analyzed by SCAQMD for sulfur compounds by Method 307-91. The following is the summary of the sample analysis for the source samples.

Compound	Sample 1 (ppmv)	Sample 2 (ppmv)	TWA/TLV
Hydrogen Sulfide	0.25	0.25	10

Compound	Sample 1 (ppmv)	Sample 2 (ppmv)	TWA/TLV
Carbonyl Sulfide	0.00	0.00	N/A ¹
Methyl Mercaptan	0.44	0.49	0.5
Ethyl Mercaptan	0.59	0.63	0.5
Dimethyl Sulfide	0.23	0.25	N/A ²
Isopropyl Mercaptan	0.59	0.65	N/A ³
n-Propyl Mercaptan	0.24	0.27	0.5
Unknown Sulfur	0.12	0.14	
Total Sulfur as H ₂ S	2.45	2.69	

1 No permissible exposure limit established by NIOSH or OSHA. Based on the LC50 data, carbonyl sulfide appears to be less toxic than hydrogen sulfide. The acute LC50 for carbonyl sulfide is 1,700 ppm.

2 No permissible exposure limit established by NIOSH or OSHA. Based on the LC50 data, dimethyl sulfide appears to be less toxic than hydrogen sulfide. The acute LC50 for dimethyl sulfide is 42,500 ppm.

3 No permissible exposure limit established by NIOSH or OSHA. Based on the LC50 data, isopropyl mercaptan appears to be less toxic than hydrogen sulfide. The acute LC50 for isopropyl mercaptan is 25,710 ppm.¹

- **February 6, 2001:** Sample SWC-1 was collected on the South West corner of Ramona Alessandro Elementary School during an odor complaint. The sample was analyzed by SCAQMD for sulfur compounds by Method 307-91 and screened for methane by TCA FID.

1 The permissible exposure limit (PEL) is defined by the California Department of Occupational Safety and Health (CAL/OSHA) in the California Code of Regulations (CCR), Title 26, Section 5155 and other appropriate sections, where necessary. PELs refer to the airborne concentrations of substances and represent conditions during which it is believed that nearly all the workers may be repeatedly exposed, eight hours per day, for a 40-year working lifetime, without adverse effect. Due to the wide variation in individual susceptibility, however, a small number of workers may experience discomfort to some or all of these chemical substances at concentrations equal to or below the PEL. A still smaller percentage of persons may be affected more seriously from exposures at or below the PEL due to aggravation of a pre-existing condition or by development of an occupational illness.

The PEL is based on research conducted by the National Institute for Occupational Safety and Health (NIOSH) and the American Conference of Governmental Industrial Hygienists (ACGIH) and are based on the best available information from industrial experience, animal studies and other sources.

The time-weighted average (TWA) PEL represents an eight (8) hour time-weighted exposure for an 8-hour work day, 40 hours per week. The majority of PELs are expressed as time-weighted averages.

No sulfur compounds were detected above the method-reporting limit (less than 0.001 parts per million by volume (ppmv)). Methane was detected at a concentration of 3 ppm;

- **February 5 and February 6, 2002:** During an odor incident at the East Valley Fueling Facility, SCAQMD collected 61 samples over a 24-hour period. According to the SCAQMD Monitoring and Analysis Report of Laboratory Analysis (2002), grab samples were collected using a ground glass syringe equipped with a Teflon stopcock. The report states “Even though there was a strong odor present in the air, the instrument did not detect any reduced sulfur compounds. In order to rule sewer gas as the cause of the odor, a grab sample was collected from a manhole located between Omnitrans and the monitoring station. Low level Hydrogen Sulfide and Sulfur Dioxide were detected at levels consistent with the levels found during the previous weeks manhole testing” (SCAQMD, 2002);

SCAQMD collected 33 samples on February 5, 2002 from 12:19 PM to 11:52 PM and 28 samples on February 6, 2002 from 12:52 AM to 12:56 PM. Samples were collected along 6th Street, 20 feet west of Medical Center Drive; on Medical Center Drive in front of the SCAQMD monitoring station; on Medical Center Drive half way up 5th street; and from the manhole on Medical Center Drive. The sample was analyzed by SCAQMD for sulfur compounds by Method 307-91. Hydrogen sulfide (H₂S) was not measured in any of the ambient samples above the method-reporting limit of 1.0 part per billion (ppb). The sample collected at 02:12 PM on February 5, 2002, measured H₂S at a concentration of 2.2 ppb;

2.1.4 EXECUTIVE ENVIRONMENTAL STUDY OF 5TH STREET STATION

On June 13, 2001, Executive Environmental Services Corporation (EESC) conducted ambient air monitoring at and around the Metro Fueling Station (EESC, 2001). At the time of the study, 102 buses were fueled using only one compressor. According EESC (2001) thirty-eight (38) samples were collected (Figure 5) and analyzed for sulfur and hydrocarbon compounds that are normally found in compressed natural gas (CNG). During the course of the study it was noted that a “noticeable CNG odor” was present northeast of the compressor (EESC, 2001).

The purpose of the study was two-fold (EESC, 2001):

- To measure ambient air levels of mercaptans and hydrocarbons around the natural gas compressor and fueling areas; and
- To measure personal employee exposures to mercaptans and hydrocarbons while driving two Omnitrans buses fueled with compressed natural gas (EESC, 2001).

Ambient and personal samples were collected during a midweek workday (**Figure 7**). Ambient air samples were collected over three sampling periods:

-
- During the early morning bus rollout (approximately 04:15 AM to 07:00 AM);
 - The noon refueling (from approximately 11:30 AM to 01:30 PM); and
 - During the evening refueling from approximately 07:15 PM to 10:00 PM.

Employee monitoring was conducted on two buses from approximately 09:20 AM to 11:15 AM.

During the sampling event, EESC noted that the “on-site investigation was considered a non-typical workday in terms of odor annoyance because one of the two compressors was inoperative, which resulted in heavier and extended use of the remaining compressor (EESC, 2001). Compressor Number One was being serviced due to a problem with the cylinder heads at the time of the sampling. EESC stated that there was a “noticeable Compressed Natural Gas (CNG) odor to the Northeast of the compressor units during most of the day” (2001).

Sampling devices (Tedlar™ bags and air sampling pumps) were placed in seven rental cars parked throughout the neighborhood. Polypropylene tubing was connected to each bag and positioned in the left rear window of each vehicle. The Tedlar™ bags and air sampling pumps were placed in the trunk of six vehicles and behind the driver’s seat in the last vehicle. The sampling locations are shown on Figure 5. The locations included:

- Four locations along 6th Street to the north of the East Valley Fueling Station. Locations 1, 2, and 3 were on the north side of the street. Location 8 was on the south side of the street closest to the compressors;
- Three locations on Medical Center Drive. Locations 4 and 6 were on the east side of the street and location 5 was on the west side of the street. Location 4 was 10 feet south of 7th Street;
- Location 7 was in the overflow parking lot on the eastern most portion of the Omnitrans property;
- Three locations (Locations 9, 10, and 11) surrounding the CNG compressors and fueling station; and
- One control location (Location 12), in the Southwest corner of the employee parking lot near the corner of 5th Street and Gardena Street. The sampling equipment was place in the back seat of Omnitrans vehicle number 398.

The employee exposure monitoring was performed on two fully fueled, fully operative CNG buses that had been taken out of service for the monitoring (EESC, 2001). The buses were driven along Foothill Boulevard for approximately two hours, simulating passenger loading by

opening the doors and idling at bus stops. The handicap access platform was lowered for approximately five minutes to simulate wheelchair loading (EESC, 2001).

Samples were collected in accordance with SCAQMD Method 307.91 and ASTM Method D5504-98 (EESC, 2001). Samples were collected in 10-Liter Tedlar™ bags with polypropylene fittings and the pumps were set to draw 0.05 liters of air per minute (lpm). A BIOS Dry Cal DC-Lite standard was used to calibrate the pumps before and after the sampling. According to EESC (2001) the Tedlar™ bags were delivered to the analytical laboratory within 12 hours of collection and analyzed by gas chromatography. All samples were analyzed by Performance Analytical, Inc. within 24 hours of collection.

Thirty-eight samples were collected in the course of this study. Two samples were taken during the personal monitoring sampling event and 36 samples (3 at each sampling location) were taken at the 12 sampling locations at the East Valley Fueling Station and around the neighborhood.

Personal sampling inside the bus confirmed the fuel system on the bus was not leaking. The two samples collected during the personal sampling event measured CS₂, CH₄, and C6+. CS₂ was measured at 0.001 parts per million (ppm), CH₄ at a range of 2.5 ppm to 3.1 ppm, and C6+ at a range of 4.4 to 6.0 ppm. Mercaptans and other sulfur compounds were not measured in the samples above the method detection limits.

Sampling around the Omnitrans facility and in the neighborhood showed one location where natural gas fuel was leaking (adjacent to the compressor). The thirty-six samples collected during the ambient sampling event measured COS, CS₂, CH₄, and C6+ in most of the samples collected. Ethane was measured in one sample (Location 9 collected from 12:45 AM to 01:40 PM) at a concentration of 0.7 ppm. CS₂ was measured at range from 0.0022 ppm to 0.077 ppm, CH₄ at a range of 2.3 ppm to 33 ppm (Location 9 collected from 12:45 AM to 01:40 PM), and C6+ at a range of 1.9 to 7.9 ppm.

The recommendations from the report included:

- To provide the results of the report to employees represented by the air monitoring in accordance with Title 8 Section 340.2 of the California Code of Regulations;
- Employee exposure monitoring records must be retained for a period of 30 years in accordance with Title 8 Section 3204 of the California Code of Regulations; and
- Conduct additional sampling if any changes occur in the work practices, processes or related equipment usage that may increase employee exposure.

2.1.5 RAMONA ALESSANDRO ELEMENTARY SCHOOL

The Ramona Alessandro Elementary School is located at 670 Ramona Avenue, San Bernardino, California. According to the San Bernardino Unified School District (SBUSD) website (SBUSD, 2003). The school is located on approximately 12 acres and is located to the northeast of the 1700 West Fifth Street Station. The school operates on a year round schedule with three tracks. At any given time there are approximately 650 students on campus.

2.1.5.1 Nursing Log Review Of Ramona Alessandro Elementary School

Redacted nursing logs from the Ramona-Alessandro Elementary School and the Thompson Elementary School, covering the period from January 2, 2002 to March 29, 2002 were reviewed for a list of symptoms/illnesses reported by the SBCUSD. No identifying information such as student name, age, and grade were provided. The photocopied pages include the date; a description of the problem; the student's temperature (if taken); first aid if given; and whether the child was sent back to class, the parent was contacted by phone or sent home.

The Thompson School was selected previously by the SBCUSD for comparison with the Ramona Alessandro Elementary School because the schools had approximately the same number of students and approximately the same type of demographics. Two significant differences between the schools are that the Ramona-Alessandro Elementary School is adjacent to Omnitrans facility and that the Thompson Elementary School is in a census tract identified by the SCAQMD as having a background risk of approximately 1,500 in 1,000,000 from mobile sources (**Figure 19**).

During the initial analysis of nursing logs by Omnitrans in 2002, six categories of illness were documented (spontaneous vomiting, motion induced vomiting, nausea/headache, spontaneous bloody noses, impact related bloody noses, and respiratory problems). A total of 23 cases of spontaneous vomiting, two cases of motion induced vomiting, 239 cases of nausea/headache, 39 cases of spontaneous bloody noses, seven cases of impact related bloody noses, and nine cases respiratory problems were reported. It is not clear from the analysis performed if all of the cases were for single ailments or if there were multiple symptoms reported by each child. In addition, the disposition of the child (return to class, sent home) is not reported.

The greatest number of reporting symptoms of nausea/headaches (the most frequently reported symptom) occurred on the following dates:

- January 2, 2002 – 12 reports of Nausea/Headaches; and,
- March 4, 2002 – 12 reports of Nausea/Headaches.

Reports of spontaneous vomiting, spontaneous bloody noses, and respiratory distress had a low correlation coefficient with symptoms of nausea/headaches. Nausea and headaches are classic symptoms of methane, hydrogen sulfide, and methyl mercaptan exposure. Methane is the principle component of natural gas and has no odor. Mercaptans are intentionally added to compressed natural gas as an odorant, to provide an olfactory warning system.

During the same period (January 2, 2002 to March 29, 2002) a total of 13 cases of spontaneous vomiting, no cases of motion induced vomiting, 255 cases of nausea/headache, 21 cases of spontaneous bloody noses, no cases of impact related bloody noses, and six cases respiratory problems were reported at Thompson Elementary School. Thompson Elementary School is located approximately 6.5 miles east of Ramona Alessandro Elementary School in the Highland, California. Thompson Elementary School is located at 7401 Church in Highland California.

A statistical test of the reported symptoms was performed to determine if there was a significant difference in the number and types of symptoms reported at each school. An analysis of variance of all the health effects measured above was performed. The *a priori* assumption of the test is that all mean values of each group are the same. Two health effects, spontaneous bloody noses and bloody noses caused by impacts, were found to have statistically significant differences between the schools. The p-value for spontaneous bloody noses and impacted caused bloody noses were both determined to be less than 0.05 (0.02 and 0.01, respectively). Other health effects, including spontaneous vomiting, motion induced vomiting, nausea and headaches, and respiratory distress were determined not be significantly different between the schools.

Figures 6a through 6f show the relative distribution of the symptoms during the period evaluated for each school. Figures 6g through 6l show the absolute difference between each school for the symptoms reported. For vomiting induced by motion and bloody noses caused by trauma there are a higher number of cases at Ramona Alessandro Elementary then at Thompson Elementary School. For the other symptoms, respiratory distress, spontaneous vomiting, headaches/nausea, and spontaneous bloody noses, the absolute difference between each day appears to be evenly distributed. That is to say that there were just as many days where the symptoms reported at Thompson Elementary exceeded the number of symptoms reported by Ramona-Alessandro Elementary. Even on or near days where odor complaints were high for the 5th Street Station (February 5 and February 6, 2002), symptoms reported at Ramona Alessandro Elementary School did not show an elevated trend when compared with the Thompson Elementary School..

2.1.5.2 Environmental Assessment Of Ramona Alessandro Elementary School

In September 2001, EnSafe Inc. (EnSafe) was retained by the SBUSD to perform an environmental assessment at the Ramona Alessandro Elementary School (Ensafe, 2001). The purpose of the study was to “characterize potential offsite emissions of compressed natural gas (CNG) and associated contaminants. Samples were collected at the boundary of the Omnitrans facility and the elementary school boundary” (EnSafe, 2001).

The sampling was performed on August 14, 2001 at seven fixed-point locations in the community (Figure 7). The sampling location was adjacent to the property boundary of the fueling station and the elementary school. The first location was immediately north of the fueling station located on the northern boundary of the Omnitrans facility. The second location was immediately north of the compressors (located at the north-eastern boundary of the Omnitrans facility). The third sampling location was the eastern boundary of the Omnitrans facility southeast of the compressors along Medical Center Drive. The fourth sampling location was due east of the compressors on the southwestern corner of the Ramona Alessandro Elementary School property (eastern edge of Medical Center Drive). The fifth sampling location was on the western boundary of the Ramona Alessandro Elementary School property (halfway between the northern and southern boundaries of the school along the eastern edge of Medical Center Drive). The sixth sampling location was on the northwestern corner of the Ramona Alessandro Elementary School property (near the corner of 7th Street and Medical Center Drive). The seventh sampling location was the southeast corner of the staff parking lot located on Ramona Street. The locations were selected after consultation with the SBUSD, the principal of Ramona Alessandro Elementary, and concerned citizens met on August 14, 2001.

Samples were collected in evacuated 6-liter Siloniter SUMMA canisters with flow controllers adjusted to collect an integrated sample over a three-hour period (EnSafe, 2001). Three sets of samples were collected at each location during evening and noon fueling times at the 1700 West 5th Street station. Samples were sent to Air Toxics Ltd., in Folsom, California for analysis via American Society for Testing and Materials (ASTM) D-1945 for Natural Gas Components and ASTM method D-5504 modified for associated sulfur compounds.

The majority of fueling operations occur from 06:00 PM to 01:00 AM each day. Limited fueling operations occur from 10:00 AM to 01:00 PM each day (EnSafe, 2001). Three sets of samples were collected at the locations over a 24-hour period (August 14, 2001 to August 15, 2001). The first set of samples (designated with an A suffix) were collected from 07:00 PM to 10:00 PM on

August 14, 2001. The second set of samples (designated with an B suffix) were collected from 10:00 PM on August 14, 2001 to 01:00 AM on August 15, 2001. The third set of samples (designated with an C suffix) were collected from 10:00 AM to 01:00 PM on August 15, 2001.

The analytical results showed detectable concentrations of hydrogen sulfide (H₂S) present (EnSafe, 2001) at three sampling locations (location 2, 3, and 4, closest to the compressor station on the Omnitrans facility). The first was location 2, due north of the compressor station. A concentration of 63 parts per billion by volume (ppbv) was measured from 10:00 PM on August 14, 2001 to 01:00 PM on August 15, 2001. The second was location 3, south east of the compressor station along the eastern boundary of the Omnitrans facility. A concentration of 36 ppbv was measured from 10:00 PM on August 14, 2001 to 01:00 PM on August 15, 2001. The third was location 4, due east of the compressors on the southwestern corner of the Ramona Alessandro Elementary School property (eastern edge of Medical Center Drive). Concentrations of 31 ppbv and 6.7 ppbv were measured at that location from 07:00 PM to 10:00 PM on August 14, 2001 and from 10:00 PM on August 14, 2001 to 01:00 PM on August 15, 2001, respectively.

One sample collected had measurable concentrations of isopropyl mercaptan (location 7). Location 7 was the southeast corner of the staff parking lot located on Ramona Street. A concentration of 8.2 ppbv was measured from 07:00 PM to 10:00 PM on August 14, 2001.

The source(s) of the hydrogen sulfide and isopropyl mercaptan measured in the community were not attributed to a particular source(s).

The recommendations of the report included:

- That the school grounds be closed to the public during refueling operations, normally from 06:00 P.M. to 01:00 AM;
- The existing odor complaint procedures at the school be modified to instruct teachers, staff, and students to move indoors during an odor complaint;
- That the results of the report be provided to the SCAQMD to seek their guidance on appropriate additional responses to the sampling results; and
- That the results of the reports also be provided to the Department of Toxic Substances Control (DTSC) toxicologist, Dr. Marilyn Underwood, who attended a meeting with community members and Omnitrans staff, to seek her guidance on appropriate additional responses to the sampling results.

2.1.6 SCAQMD EVALUATION OF AMBIENT AIR STUDIES

On October 17, 2001, the SCAQMD provided State Senator Nell Soto with a review of the EESC and EnSafe studies of the East Valley Fueling Station and Ramona-Alessandro Elementary School. The letter stated that it was SCAQMD “staff’s opinion that appropriate sampling analysis and quality assurance procedures were employed. However, the results are at best inconclusive, if not inconsistent with the Omnitrans natural gas fueling equipment as the source of H₂S (hydrogen sulfide) found” (SCAQMD, 2001).

The inconsistencies noted by SCAQMD included:

- That only H₂S was found the ambient samples (EnSafe report). The SCAQMD reasoned that since H₂S is typically the lowest concentration natural gas odorant, other odorants should have been found. The other odorants were not found in the ambient samples;
- Given the prevailing wind during the sampling events, other sampling locations should have recorded detectable levels of H₂S based upon the levels of H₂S measured. No measurable H₂S levels were found in other downwind locations;
- The SCAQMD reasoned that if the source of H₂S was a natural gas leak at the East Valley Fueling Station, hydrocarbons normally found in natural gas such as ethane, propane, or butane should have been measured in samples that had recordable H₂S readings. According to the EnSafe report, none of the samples that measured H₂S measured hydrocarbons above the detection limit of 210 ppm; and,
- The final inconsistency noted by SCAQMD was that isopropylmercaptan (IPM) was found in one sample the location furthest from the East Valley Fueling Station. Since no other samples measured IPM, SCAQMD concluded that “it is difficult to identify Omnitrans as the source of the IPM” (SCAQMD, 2001).

Of the EESC report, SCAQMD determined that both the sampling and analytical techniques used were appropriate. The SCAQMD noted that the “low (<5) parts per billion levels of carbonyl sulfide (COS) and carbon disulfide (CS₂)” reported by EESC were below most published odor threshold limits (SCAQMD, 2001).

The inconsistencies noted by SCAQMD included:

- No consistent pattern of detections for COS and CS₂ at or around the East Valley Fueling Station;
- Measured levels of methane did not correlate with measurements of COS and CS₂ or other hydrocarbons normally found in natural gas;

-
- SCAQMD's analysis of the natural gas odorants at the East Valley Fueling Station did not measure COS; and,
 - Performance Analytical, Inc., the contract laboratory that performed the analyses for EESC, suggested that the source of COS and CS₂ may be from the polypropylene fittings used in the sampling process.

SCAQMD stated that staff were collecting periodic "random samples in the evening and early nighttime hours in the area surrounding Omnitrans" (SCAQMD, 2001). At the time of the letter, samplers provide to Ramona Alessandro Elementary School staff and concerned citizens had not detected any sulfur-containing compounds in any samples (SCAQMD, 2001). The letter closed by saying that "As a result of the EnSafe report and your requests, the AQMD last week began an extensive monitoring program at Ramona Alessandro Elementary School in an effort to better understand both the source and magnitude of any ambient H₂S (SCAQMD, 2001).

None of the information collected by SCAQMD during the extensive monitoring program was provided for the preparation of this report even after multiple requests. Multiple requests were made for the data through Freedom of Information Act Requests and through e-mails and phones calls to the designated contacts at SCAQMD. No reason was given by SCAQMD for not providing the data.

2.2 234 SOUTH I STREET, SAN BERNARDINO, CALIFORNIA

The I Street refueling station located at 234 South I Street, San Bernardino, California (**Figure 8**), is approximately 4.7 acres, has storage areas, and services approximately 60 plus vehicles. In addition to the refueling operations at the site, a private autobody repair shop is maintained on the facility. **Figure 9** show the volumes of fuel delivered to the I Street Station since the year 2001.

Twelve odors complaints, all received on July 30, 2001, have been received by the SCAQMD for the I Street Station.

2.3 4748 ARROW HIGHWAY, MONTCLAIR, CALIFORNIA

The West Valley refueling station is located at 4748 Arrow Highway in Montclair, California. The facility coves approximately 5.5 acres and consists of operations, maintenance, a fuel island, a bus wash; and a LCNG fueling station (**Figure 10**). **Figures 11 through 14** show the volumes and types of fuel delivered to the West 5th Street Station since the year 2001.

No odor complaints have been received by the SCAQMD for the Arrow Highway Station.

3 PUBLIC HEALTH SURVEY

The following provides a synopsis of the public health survey performed within each of the communities. Between October 20, 2003 and October 25, 2003, surveyors attempted to interview as many residents located within ½ mile of each of the fueling facilities. The complete results of the statistical analysis of the public health survey are presented **Appendix H**.

The survey attempted to survey as many residents as possible over a 5 day period. Residents were sent flyers in Spanish and English notifying them that a survey team would be in the neighborhood to collect information from all of the residents. The survey teams were able to get responses from approximately 600 residences in the areas surrounding the Metro, I Street, and West Valley Stations. For the Metro Station and I Street Station areas, the number of residences surveyed encompassed more than 75 percent of the residences in the area. For the West Valley station, the number of residences encompassed more than 30 percent of the residences in the area. The response rates from the door-to-door surveys were higher (30% to 75%) than the blinded surveys to students and staff at the school. The results from the door-to-door survey may well represent the potential impacts on the community better than the school survey.

3.1 METRO STATION SURVEYS

The study area around the Metro station was bounded by Union Street to the north, North Garcia Street to the west, Kingman Street to the south, and Mount Vernon Avenue to the east. The focus of the study was the homes that are adjacent to the Metro Station, including Medical Center Drive, Tiajuana Avenue, Ramona Avenue, Cabrera Avenue, Western Avenue, Hancock Street, Madison Street, Victoria Street, Wilson Street, Gardena Street, 6th Street, and 7th Street. A representative sample was collected from the residents of this area over a three-day period (**Figure 15**).

At the end of the three-day period of surveying, a total of 344 residences were contacted in the surveying process. Approximately 30 % of the residences contacted during the survey process agreed to participate in the survey (102 residences). Approximately 52% of the residences contacted (178) refused verbally or did not respond to multiple attempts to make contact. The remaining residences contacted, approximately 18% or 64 residences, were abandoned, had dogs in the yard, or were absent.

3.2 I STREET STATION SURVEYS

The study area around the I Street Station was bounded by 3rd Street to the north, Prospective Avenue to the west, Huff Street to the south, and E Street to the east. The focus of the study were the homes that are adjacent to the I Street Station, including Congress Street, Bellview Street, Rialto Avenue, 2nd Street, I Street, J Street, K Street, L Street, and Eureka Avenue. A representative sample was collected from the residents of this area over the survey period (**Figure 16**).

At the end of the surveying, a total of 167 residences were contacted in the surveying process. Approximately 21 % of the residences contacted during the survey process agreed to participate in the survey (35 residences). Approximately 58% of the residences contacted (97) refused verbally or did not respond to multiple attempts to make contact. The remaining residences contacted, approximately 21% or 35 residences, were abandoned, had dogs in the yard, or were absent.

3.3 WEST VALLEY STATION SURVEYS

The study area around the West Valley station was bounded by Union Street to the north, North Garcia Street to the west, Kingman Street to the south, and Mount Vernon Avenue to the east. The focus of the study was the homes that are adjacent to the Metro Station, including Medical Center Drive, Tiajuana Avenue, Ramona Avenue, Cabrera Avenue, Western Avenue, Hancock Street, Madison Street, Victoria Street, Wilson Street, Gardena Street, 6th Street, and 7th Street. A representative sample was collected from the residents of this area over the survey period (**Figure 17**). Surveying was interrupted by the wild fires that blanketed San Bernardino in late October 2003.

At the end of the surveying, a total of 86 residences were contacted in the surveying process. Approximately 16 % of the residences contacted during the survey process agreed to participate in the survey (14 residences). Approximately 56% of the residences contacted (48) refused verbally or did not respond to multiple attempts to make contact. The remaining residences contacted, approximately 28% or 24 residences, were abandoned, had dogs in the yard, or were absent.

3.4 SCHOOL SURVEYS

In January 2004 a survey of students at the Ramona Alessandro Elementary School was performed with the approval of the San Bernardino City Unified School District (SBCUSD). A

one page survey instrument, in English and Spanish, was provided to all students attending during the month of January 2004. A total of 700 surveys were supplied to the school for distribution to students. Each survey was supplied in a self-addressed stamped envelope to ensure anonymity for the respondents. During this period two of the three tracks of students are in attendance. This constitutes approximately 650 of the 850 students who attend the school. In addition, at the request of one of the staff members who is also a member of WeCAN, a survey of staff members of the Ramona Alessandro Elementary School was also performed in January 2004. After approval by SBCUSD, a one page survey instrument, similar to the one supplied to students was sent to the school for distribution. Each survey was supplied in a self-addressed stamped envelope to ensure anonymity for the respondents.

A total of 68 out of 700 student surveys were returned prior to February 25, 2004. The response rate of approximately 10% from the surveys provided to the school. Approximately 42 out of the 68 of the respondents (62%) lived within ½ mile of the school. Of the remaining 26 respondents, 25 lived more than ½ mile from the school. One student chose not to indicate where they lived.

The Self Reported Health Status for Students Living Within ½ Mile of the School

Status	Count	Cumulative Count	Percent	Cumulative Percent
Excellent	8	8	32	32
Very Good	8	16	32	64
Good	4	20	16	80
Fair	3	23	12	92
Poor	0	23	0	92
Missing	2	25	8	100

The Self Reported Health Status for Students Living More Than ½ Mile of the School

Status	Count	Cumulative Count	Percent	Cumulative Percent
Excellent	3	3	7	7

Status	Count	Cumulative Count	Percent	Cumulative Percent
Very Good	11	14	26	33
Good	14	28	33	67
Fair	11	39	26	93
Poor	2	41	5	98
Missing	1	42	2	100

For students that lived near the school approximately 93% reported that their health status was fair to excellent. For students that lived more than ½ mile from the school 92% reported that their health status was fair to excellent.

The Self Reported Change In Status for Students Living Within ½ Mile of the School

Change in Status	Count	Cumulative Count	Percent	Cumulative Percent
Improved Significantly	1	1	4	4
Improved Somewhat	0	1	0	4
Stayed About The Same	17	18	68	72
Declined Somewhat	4	22	16	88
Declined Significantly	3	25	12	100
Don't Know	0	25	0	100

The Self Reported Change In Health Status for Students Living More Than ½ Mile of the School

Change in Status	Count	Cumulative	Percent	Cumulative Percent
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	Count			
Improved				
Significantly	0	0	0	0
Improved Somewhat	0	0	0	0
Stayed About The Same	17	17	40	40
Declined Somewhat	18	35	43	83
Declined				
Significantly	2	37	5	88
Don't Know	5	42	12	100

For students that lived near the school approximately 68% reported that their health status had not changed while 4% reported that their health had improved significantly since attending Ramona Alessandro Elementary. A total of 28% reported that their health had declined somewhat or declined significantly since attending Ramona Alessandro Elementary. For students that lived more than ½ mile from the school approximately 40% reported that their health status had not changed since attending Ramona Alessandro Elementary. A total of 48% reported that their health had declined somewhat or declined significantly since attending Ramona Alessandro Elementary.

For both sets of students the responses approximated a normal distribution of responses. Most students reported that their health was excellent, very good, or good.

A total of 37 out of 100 staff surveys were returned prior to February 25, 2004. The response rate of approximately 37% from the surveys provided to the school. Approximately 12 out of the 37 of the respondents (32%) lived within ½ mile of the school. The 25 respondents or 68% of the respondents lived more than ½ mile from the school.

The Self Reported Health Status for Staff Living Within ½ Mile of the School

Status	Count	Cumulative Count	Percent	Cumulative Perce
Excellent	0	0	0	0

Very Good	0	0	0	0
Good	0	0	0	0
Fair	10	10	83	83
Poor	2	12	17	100

The Self Reported Health Status for Staff Living More Than ½ Mile of the School

Status	Count	Cumulative Count	Percent	Cumulative Percent
Excellent	6	6	24	24
Very Good	7	13	28	52
Good	5	18	20	72
Fair	5	23	20	92
Poor	2	25	8	100

For staff that lived within a ½ mile of the school approximately 83% reported that their health status was fair. The remaining 17% reported their health status as poor. For staff that lived more than ½ mile from the school 92% reported that their health status was fair to excellent.

The Self Reported Change In Status for Staff Living Within ½ Mile of the School

Change in Status	Count	Cumulative Count	Percent	Cumulative Percent
Improved Significantly	0	0	0	0
Improved Somewhat	0	0	0	0
Stayed About The Same	0	0	0	0
Declined Somewhat	12	12	100	100

Change in Status	Count	Cumulative Count	Percent	Cumulative Percent
Declined Significantly	0	12	0	100

The Self Reported Change In Health Status for Students Living More Than ½ Mile of the School

Change in Status	Count	Cumulative Count	Percent	Cumulative Percent
Improved Significantly	0	0	0	0
Improved Somewhat	0	0	0	0
Stayed About The Same	12	12	48	48
Declined Somewhat	8	20	32	80
Declined Significantly	3	23	12	92
Don't Know	2	25	8	100

For staff that lived near the school approximately 100% reported that their health status had declined somewhat since starting work at Ramona Alessandro Elementary. For staff that lived more than ½ mile from the school approximately 48% reported that their health status had not changed since starting work at Ramona Alessandro Elementary. A total of 44% reported that their health had declined somewhat or declined significantly since starting work at Ramona Alessandro Elementary.

The responses from staff living more than ½ mile from the school approximate a normal distribution. The responses from staff living within ½ mile of the Omnitrans facility were identical in the responses questions, including the number of hours of exposure (24 hours), overall health status (declined somewhat), cause of health decline (attributed to Omnitrans facility), and conditions that keep the respondent from working (asthma, breathing problems, nosebleeds, and nausea). The responses from staff members living within ½ mile of the

Omnitrans facility appear to have been coordinated or written by the same person, and are suspect. The staff respondents living more than ½ mile from the school had a higher self-reported health status, years working at the school, and overall health status.

In addition to the responses asked for in the survey, several respondents included comments on the survey or self-addressed envelopes. Copies of the comments are provided in **Appendix E**.

3.5 STATISTICAL ANALYSES OF PUBLIC HEALTH SURVEY RESULTS

All survey data were analyzed to evaluate whether there were relationships between self-reported health status and the presence of the three Omnitrans facilities. Variables evaluated included distance from three Omnitrans facilities, individuals age, and various health criteria. Health was scored on a scale from 1 (self reported very healthy) to five (self reported very unhealthy)

The Self Reported Health Status for Residents Surveyed Near Metro Station

Status	Count	Cumulative Count	Percent	Cumulative Perce
Excellent	14	14	4	4
Very Good	50	64	13	17
Good	198	262	51	68
Fair	91	353	24	91
Poor	33	386	9	100

For residents surveyed living near the Metro Station 91% reported that their health was Fair to Excellent. Only 9% of those surveyed (33 respondents) reported that their health was poor. Of that 9% of residents who reported that their health was poor, none reported that they had a health limiting condition.

The Self Reported Health Status for Residents Surveyed Near I Street Station

Status	Count	Cumulative Count	Percent	Cumulative Perce
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Status	Count	Cumulative Count	Percent	Cumulative Perce
Excellent	8	8	5	5
Very Good	27	35	18	23
Good	97	132	63	86
Fair	22	154	14	100
Poor	0	154	0	100
Missing				

For residents surveyed living near the I Street Station 100% reported that their health was Fair to Excellent. No residents reported that their health was poor. None of the residents reported that they had a health limiting condition.

The Self Reported Health Status for Residents Surveyed Near West Valley Station

Status	Count	Cumulative Count	Percent	Cumulative Perce
Excellent	0	0	0	0
Very Good	8	8	12	12
Good	41	49	63	75
Fair	16	65	25	100
Poor	0	65	0	100
Missing	0	65	0	100

For residents surveyed living near the West Valley Station 100% reported that their health was Fair to Very Good. No residents reported that their health was poor. None of the residents reported that they had a health limiting condition.

An analysis of variance for health status comparing the three communities found no statistical difference between the self-reported health status. Based on the fuels used at each of the sites (LCNG or gasoline) there appears to be no health effect on the communities.

Tables 1, 2 and 3 show the change in self-reported health status for the three communities surrounding the Metro, the I Street, and Arrow Highway Omnitrans Stations. The self-reported health status five years ago for residents near the Metro Station showed a potentially statistically significant relationship, where people have self reported poorer health as they live farther from the Omnitrans Facility, but this relationship is not necessarily causal. The self-reported health status for residents three years ago and one year ago did not show a relationship with distance to the Omnitrans facility, but did show a relationship to perceived health status from the previous years. The Arrow Highway Station showed a statistically significant relationship where poorer health is associated to proximity (closeness) to the Omnitrans facility in years three and five, but this may be due to covariation and the small N. Moreover this relationship does not hold up with further analysis, for proximity to the Arrow Highway facility was not related to any health problem as demonstrated in the paragraph below. The I Street Station showed no relationship with self reported health and the distance of ones home from the facility. Generally, self reported health at Years one, three, and five had a positive relationship and were statistically significant.

Tables 4, 5, and 6 show the relationship between distance from facility, age, and a variety of physical ailments. **Table 4** shows the relationship between the age of an individual and the distance from the 5th Street Omnitrans facility with vision, hearing, arthritis, back, bone, other, heart, stroke, hypertension, diabetes, lung, cancer, weight, kidney, circulation, tumor, lupus, tendonitis, seizure, multiple sclerosis, polio, Parkinsons, carpal tunnel, hernia, ulcer, Graves disease and migraine. While proximity of the Omnitrans was not positively correlated with any ailment, as one might expect, age was positively correlated with the self reported frequency of the following ailments: vision, hearing, arthritis, back, bone, heart, hypertension, diabetes, cancer, circulation, Parkinsons, carpal tunnel, hernia, Graves disease. **Table 5** shows that there is no positive relationship between any disease and proximity to the Omnitrans I Street facility. **Table 5** also shows, as one might expect, that age is positively correlated with self reported frequency of the following ailments: vision, hearing, arthritis, back, bone, hypertension, diabetes, cancer, weight, tumor, tendonitis, carpal tunnel, hernia, ulcer, Graves disease and migraine. **Table 6** shows no relationship between distance from Arrow Highway Omnitrans facility and any of the ailments. **Table 6** does show a relationship between age and cancer, however.

Concurrent with the assessment of the relationships above, an analysis of variance (ANOVA) test was performed to determine whether there was a specific relationship between self-reported health status and discrete distances to the Omnitrans facilities (less than 500 feet; 500 feet to 1000 feet; 1000 feet to 1500 feet; 1500 feet to 2000 feet; and 2000 feet to 2500 feet) and self-reported health status five years ago, three years ago, and one year ago.

The ANOVA confirmed that there was a relationship between self-reported health status and distance to the Omnitrans facility (p value less than 0.05). A post hoc comparison of the self-reported health status and distance to the sites showed a statistically significant relationship for most categories of self-reported status. No clear pattern of decreased health status or increased health status was present in any of the comparisons.

4 LOCAL AREA SURVEY

Contaminant release information and associated chemical species were identified through a review of available documentation and through a coordinated survey of local businesses located within a half-mile of each fueling facility. **Appendix C** presents the results of the local business surveys and the emission rate calculations for each source considered in the assessment.

In addition to the physical survey of the sites, a search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR) for a radius up to one mile around each Omnitrans facility. The reports meet the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00 and are included in Appendix G. Databases reviewed included federal and state listing of permitted facilities, hazardous waste spills, and repositories.

The executive summaries from each search are presented below.

4.1 METRO STATION SURVEYS

The study area around the Metro station was bounded by Union Street to the north, North Garcia Street to the west, Kingman Street to the south, and Mount Vernon Avenue to the east. The surveys were performed from October 15, 2003 to October 17, 2003.

4.1.1 EDR REPORT

In addition to the physical survey of the sites, the EDR review of the Metro Station revealed the following sites of interest:

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services. A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 revealed that there are two CHMIRS sites within approximately one mile of the target property.

1. 1215 N. MEDICAL CENTER

2. 1685 SANTA FE WAY

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is one SWF/LF site within approximately half a mile of the target property.

1632 WEST 5TH ST. KORITAS TIRE'S

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board. A review of the CA FID UST list, as provided by EDR, has revealed that there is 1 CA FID UST site within approximately a quarter mile of the target property.

1545 W 5TH ST C-STAR

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are two HIST UST sites within approximately a quarter mile of the target property.

1. 1632 W 5TH ST 5TH AVE. TIRE & MINI MART
2. 1545 W 5TH ST LERNER OIL STATION

STATE OR LOCAL ASTM SUPPLEMENTAL

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. A review of the HAZNET list, as provided by EDR, has revealed that there are five HAZNET sites within approximately a quarter of a mile of the target property.

1. 555-595 N GARDENA ST OMNI TRAN

-
2. 520 FLORES ST HAPPY BOY CARWASH
 3. 670 RAMONA SBCUSD/ROMONA ALESSANDRO ELEMENTARY
 4. 1582 W FOURTH ST PRIETO AUTO BODY REPAIR
 5. 1545 W 5TH STREET C STAR STATION/EDITH WOOD

DEHS Permit System: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bernardino Co. Permit list, as provided by EDR, has revealed that there is one San Bernardino Co. Permit site within approximately a quarter of a mile of the target property.

1717 5TH ST CI-SB CITY/NUNEZ PARK

Due to poor or inadequate address information, the following sites were not mapped:

572 S MT VERNON AV	CHMIRS, San Bern. Co., permits
HWY 58 2 MI WEST OF HWY 359	CHMIRS, EMI
RIALTO LILAC STREET	CHMIRS, EMI
ALTA DENA DAIRY	LUST, Cortese
ARCO #5181	LUST, Cortese
ROESH LINES, INC.	LUST, Cortese
SECCOMBE LAKE STATE REC AREA	CERC-NFRAP
CALTRANS PANARAMA PT.MAINT.ST.	LUST
J HUBBS&SONS/7TH ST DUMP	UST
5TH AVE. TIRE & MINI MART	CA FID UST
UNOCAL SERVICE STATION #5961	HAZNET
CIRCLE K STORES INC STATION #5700	HAZNET
RAIL SHOP AREA/470 NORTH "L" ST.	ERNS
CUCO CARBURATOR	San Bern. Co. Permit
FELIX AUTOMOTIVE	San Bern. Co. Permit
TINOS AUTO REPAIR	San Bern. Co. Permit
RAMIREZ AUTO REPAIR	San Bern. Co. Permit

4.1.2 LOCAL SURVEY

To the degree practical, all contaminant emissions generated from each source location were considered in the analysis. The limiting factor for the inclusion of a compound was the availability of published exposure factors and other toxicity data enabling risks to be quantified and, where appropriate, target organs identified. Thirty individual businesses (autobody shops, auto mechanics, markets and bakeries, laundries, restaurants, and trucking facilities) were identified within the half-mile radius of the Metro Station. Six businesses (including the Metro Station) from 5th Street were identified as potential sources of emissions (more than one gallons of solvents used in a month or more than 1 pound of volatile organic chemicals emitted in a day) during the survey process. Survey response was generally positive, with a few negative responses from surveyed businesses. A list of emitted compounds for each source is outlined in **Table 7** for sources near the Metro Station.

Based upon risk estimates made by the SCAQMD (2003), the local businesses surveyed have a much smaller impact on the community's health compared with mobile source emissions (See Section 4.4). SCAQMD (2003) estimated the cumulative health risk from mobile source emission for the community adjacent to the 5th Street station to be approximately 1,000 in 1,000,000.

4.2 I STREET STATION SURVEYS

The study area around the I Street Station was bounded by 3rd Street to the north, Prospective Avenue to the west, Huff Street to the south, and E Street to the east. The surveys were performed from October 15, 2003 to October 17, 2003.

4.2.1 EDR REPORT

In addition to the physical survey of the sites, the EDR review of the I Street Station revealed the following sites of interest:

FEDERAL ASTM STANDARD

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites, which are either proposed to or on the National Priorities

List (NPL), and sites, which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 09/11/2003 has revealed three CERCLIS sites within approximately half a mile of the target property.

1. 835 E. 3RD STREET PHIL'S BURGER & DRUMS
2. 740 CONGRESS ST SOUTHWEST METAL CO
3. 456 SO. I ST QUALITY PLATING INC

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/10/2003 has revealed two RCRIS-SQG sites within a quarter of a mile of the target property.

1. 272 S I ST QUIEL BROS SIGN CO INC
2. 740 CONGRESS ST SOUTHWEST METAL CO

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services. A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed one CHMIRS site within approximately one mile of the target property.

702 WEST 2ND ST. Not reported

STATE OR LOCAL ASTM SUPPLEMENTAL

REF: This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency. A review of the REF list, as provided by EDR, and dated 08/31/2003 has revealed one REF site within approximately a quarter of a mile of the target property.

740 CONGRESS STREET SOUTHWEST METAL COMPANY

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. A review of the HAZNET list, as provided by EDR, has revealed that there are nine HAZNET sites within approximately a quarter of a mile of the target property.

BUNKER REFRIDGERATION	215 SOUTH I ST
CAL. DEPT TRANS/CAL TRANS	197 S. I ST
SMOOTH MOVE INC	207 S WACKAINSHAW
HUD INTOWN PROPERTIES	1047 CONGRESS ST
HUB CONSTRUCTION INC	789 W RIALTO AVE
QUIEL BROS SIGN CO INC	272 S I ST
PLANA	346 SOUTH I STREET
A.C. BEYER TRUCKING	767 CONGRESS STREET
A C BYERS TRUCKING INC	767 CONGRESS

DEHS Permit System: San Bernardino County Fire Department Hazardous Materials Division. A review of the San Bern. Co. Permit list, as provided by EDR, has revealed that there are eight San Bern. Co. Permit sites within approximately a quarter of a mile of the target property.

APPLIANCE REPAIR	225 S I ST
SMOOTH MOVE INC	207 S WACKAINSHAW
QUIEL BROS SIGN CO INC	272 S I ST
PERFORMANCE TECHNIQUES	346 S I ST
PLAN A INC	346 S I ST
JSI IND INC	346 S I ST STE 19

A C BYERS TRUCKING	767 CONGRESS ST
HUB CONSTRUCTION	379 S 'I' ST

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative. A review of the Coal Gas list, as provided by EDR, has revealed one Coal Gas site within approximately one mile of the target property.

SAN BERNARDINO GAS LIGHT CO.	220-240 ARROWHEAD AVE.
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Due to poor or inadequate address information, the following sites were not mapped:

572 S MT VERNON AV	CHMIRS, San Bern. Co., Permit
HWY 58 2 MI WEST OF HWY 359	CHMIRS, EMI
RIALTO LILAC STREET	CHMIRS, EMI
UNOCAL #3444	LUST, Cortese, CA FID UST
ALTA DENA DAIRY	LUST, Cortese
ARCO #5181	LUST, Cortese
UNION OIL SERVICE STATION #606	LUST, Cortese, CA FID UST
INLAND BEVERAGE COMPANY	LUST, Cortese
CHEVRON	LUST, Cortese
SECCOMBE LAKE STATE REC AREA	CERC-NFRAP
CALTRANS PANARAMA PT.MAINT.ST.	LUST
SOUTH WESTERN MOTORS	CA FID UST, San Bern. Co. Permit
HECTOR CERDA	HAZNET
UNOCAL SERVICE STATION #5961	HAZNET
CIRCLE K STORES INC STATION #5700	HAZNET
572 SOUTH MOUNTH VERNON AVE	ERNS
572 SOUTH MT. VERNON AVE	ERNS

4.2.2 LOCAL SURVEY

To the degree practical, all contaminant emissions generated from each source location were considered in the analysis. The limiting factor for the inclusion of a compound was the availability of published exposure factors and other toxicity data enabling risks to be quantified

and, where appropriate, target organs identified. Approximately 55 individual businesses (whole sale appliance, printing, appliance repair, gasoline service stations, dry cleaner, plating shop, plumbing and heating supplies, autobody shops, auto mechanics, markets and bakeries, laundries, and restaurants) were identified within the half-mile radius of the I Street Station. Seven businesses (including the I Street Station) were identified as potential sources of emissions (more than one gallons of solvents used in a month or more than 1 pound of volatile organic chemicals emitted in a day) during the survey process. Survey response was generally positive, with several negative responses from surveyed businesses. A list of emitted compounds for each source is outlined in **Table 8** for sources near the I Street Station.

Based upon risk estimates made by the SCAQMD (2003), the local businesses surveyed have a much smaller impact on the community's health compared with mobile source emissions. SCAQMD (2003) estimated the cumulative health risk from mobile source emission for the community adjacent to the I Street station to be approximately 1,000 in 1,000,000.

4.3 WEST VALLEY STATION SURVEYS

The study area around the West Valley station was bounded by -. The surveys were performed from October 15, 2003 to October 17, 2003.

4.3.1 EDR REPORT

In addition to the physical survey of the sites, the EDR review of the Arrow Highway Station revealed the following sites of interest:

FEDERAL ASTM STANDARD

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites that generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. A review of the RCRIS-SQG list, as provided by EDR, and dated 09/10/2003 has revealed nine RCRIS-SQG sites within approximately a quarter of a mile of the target property.

CALMAT CO CLAREMONT	4711 HUNTINGTON DR
FRANKS PRECISION AUTOMOTIVE	4701-D ARROW HWY
REO CIRCUITS INC	4711 #D ARROW HWY
ORR AUTO	4711 ARROW HWY UNIT A
HIGH TECH AUTO REPAIR	4711 ARROW HWY UNIT C
KARL HERTZ TRANS INC	4791 ARROW WAY
M & M CLEANERS	8945 MONTE VISTA
SEARS ROEBUCK & CO #1748	5080 MONTCLAIR PLAZA
WESTERN ROCK CO	4952 E ARROW

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services. A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed four CHMIRS sites within approximately one mile of the target property.

Not reported	5225 ARROW
Not reported	SAN JOSE ST / MONTE V
Not reported	9041 CENTRAL AVENUE
Not reported	9400 CENTRAL

STATE OR LOCAL ASTM SUPPLEMENTAL

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. A review of the VCP list, as provided by EDR, and dated 08/31/2003 has revealed one VCP site within approximately half a mile of the target property.

MONTCLAIR TOWNE SQUARE	8914-9095 MONTE VISTA A
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STATE OR LOCAL ASTM SUPPLEMENTAL

DRYCLEANERS:A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 03/11/2003 has revealed that there are two CLEANERS sites within approximately a quarter of a mile of the target property.

DC PRINTING	4650 W ARROW HWY STE F1
M & S CLEANERS	8945 MONTE VISTA

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. A review of the HAZNET list, as provided by EDR, has revealed 17 HAZNET sites within approximately a quarter of a mile of the target property.

B & G TRUCKING SHOP	8950 MT VISTA BLVD
INDUSTRIAL ASPHALT	4711 HUNTINGTON DR
CALMAT PROPERTIES	4711 HUNTINGTON DR
ORR AUTOMOTIVE	4711 A ARROW HWY
CLAREMONT TIRE & AUTO CENTER	4711 ARROW HWY UNIT B
VANTAGE TOOLS, INC	4741 ARROW HWY, UNIT A
ARROW COLLISION CENTER	4741 ARROW HWY
CPL	4650 ARROW HWY
DC PRINTING	4650 W ARROW HWY STE F1
KARL HERTZ TRANS INC	4791 ARROW WAY
MONTCLAIR SERVICE CENTER	4839 ARROW HWY
HOUSING AND URBAN DEVELOPMENT	8924 FELIPE AVE
INTOWN PROPERTIES INC/HUD	8936 FELIPE CT
BRUIN PAINTING CORPORATION	4650 ARROW HIGHWAY G11
1X B G TRUCKING	8950 MONTA VISTA AVENUE
M & S CLEANERS	8945 MONTE VISTA
GREASE MONKEY	8949 MONTE VISTA

DEHS Permit System: San Bernardino County Fire Department Hazardous Materials Division. A review of the San Bern. Co. Permit list, as provided by EDR, has revealed that there are 21 San Bern. Co. Permit sites within approximately a quarter of a mile of the target property.

VULCAN MATERIALS	4711 HUNTINGTON DR
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VULCAN MATERIALS	4711 HUNTINGTON DR
CI-FIRE STATION #1	8901 MONTE VISTA AVE
CLAREMONT TIRE & AUTO CENTER	4711 ARROW HWY UNIT B
MC TIER IMPORT REPAIR	4681 ARROW HWY 'B'
ARROW COLLISION CENTER	4741 ARROW HWY
US AIRCONDITIONING DISTRIBUTOR	4751 ARROW HWY
SIERRA AUTOMOTIVE	4701 ARROW HWY 'B'
JT AUTOMOTIVE	4711 ARROW HWY C
TOWN & COUNTRY POOL SUPPLIES,	4711 ARROW HWY 'D'
ORR AUTOMOTIVE	4711 ARROW HWY A
PRIME MARINE	4721 ARROW HWY C
PREMISES METALS	4791 ARROW HWY
PREMISES METALS	4791 ARROW HWY
KARL HERTZ TRANSPORTATION	4791 ARROW HWY
MONTCLAIR SERVICE CENTER	4839 ARROW HWY
ADVANCED CADILLAC SERVICE	4849 ARROW HWY
SCE-SAN ANTONIO SUBSTATN	ARROW / MONTE VISTA
ABC AUTO SERVICE	8938 MONTE VISTA AVE
ABC AUTOMOTIVE SERVICE	8950 MONTE VISTA AVE
GREASE MONKEY	8949 MONTE VISTA

BROWNFIELDS DATABASES

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs. A review of the VCP list, as provided by EDR, and dated 08/31/2003 has revealed that there is one VCP site within approximately half a mile of the target property.

MONTCLAIR TOWNE SQUARE	8914-9095 MONTE VISTA A
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Due to poor or inadequate address information, the following sites were not mapped:

CLAREMONT ONE HR CLNR-SOUTH	RCRIS-SQG, FINDS, CLEANERS
MONTCLAIR PLAZA CLEANERS	HAZNET, CLEANERS
1X ACQUIPORT FIVE	HAZNET, CHMIRS
CHUNG'S MARKET	LUST, Cortese
LIVE OAK DEBRIS DISPOSAL SITE	SWF/LF, WMUDS/SWAT

KRCA-TV62	UST
SIXTH STREET DUMP-CLAREMONT	WMUDS/SWAT
CO SANITATION DISTRICT OF LOS ANGE	HAZNET
GMS REALTY	HAZNET
GMC REALTY LLC	HAZNET
AUTO EXPO INC	HAZNET
AMERICAN STORES PROPERTIES, INC.	HAZNET
MARTIN F MCLOUD DC	HAZNET
JIM COX	HAZNET
PILGRIM PLACE	HAZNET
A T N T CORP	HAZNET
JB PALLETS	HAZNET
1X THE CLAREMONT COLLEGES	HAZNET
PILGRAM PLACE	HAZNET
CITY OF CLAREMONT	HAZNET
CAL SELECT BUILDERS	HAZNET
LARRY CARBURETOR SHOP	RCRIS-SQG, FINDS, HAZNET
INDUSTRIAL ASPHALT	HAZNET
KENNETH WAYNE JACKSON	HAZNET
JI YOUNG LEE	HAZNET
RON FITZGERALD	HAZNET
MACY'S WEST INC	HAZNET
THE PICTURE PEOPLE INC	HAZNET
ROBINSONS-MAY DEPT STORES	HAZNET
ACQUIPORT 5 CORP	HAZNET
JC PENNEY	HAZNET
SEARS ROEBUCK AND CO 1748/6828	HAZNET
1X MONTCLAIR PLAZA	HAZNET
EXPRESSLY PORTRAITS	HAZNET
1X GOODYEAR AUTO SERVICE CTR #9362	HAZNET
MONTCLAIR PLAZA DENTAL GROUP	HAZNET
FAITH CENTER	HAZNET
HUD	HAZNET
HUD/ASSET MANAGEMENT SPECIALTIES I	HAZNET
KATHRYN CARNEAL	HAZNET
SHELL	HAZNET

AMER TELE & TELE CO PADUA HILLS	RCRIS-SQG, FINDS
TEXACO SERVICE STATION	RCRIS-SQG, FINDS
SHELL SERVICE STATION	RCRIS-SQG, FINDS
A-S TRANSMISSION	San Bern. Co. Permit
PHILPAC	San Bern. Co. Permit
SEARS AUTO CENTER	San Bern. Co. Permit
STRESSCOAT INC	San Bern. Co. Permit
UPLAND NISSAN SERVICE	San Bern. Co. Permit
UPLAND NISSAN SERVICE	San Bern. Co. Permit
R & R ROTARY	San Bern. Co. Permit
R & L AUTOMOTIVE REPAIR	San Bern. Co. Permit
GERMAN AUTO WORKS	San Bern. Co. Permit
EXOTIC MOTORCARS	San Bern. Co. Permit
CLAREMONT UNIVERSITY CENTER	CA SLIC

4.3.2 LOCAL SURVEY

To the degree practical, all contaminant emissions generated from each source location were considered in the analysis. The limiting factor for the inclusion of a compound was the availability of published exposure factors and other toxicity data enabling risks to be quantified and, where appropriate, target organs identified. Approximately 50 individual businesses (retail market place, printing, dry cleaning collection, autobody shops, auto mechanics, construction storage, fire station, Metro train station, optical laboratory, asphalt mixing, and restaurants) were identified within the ½ mile radius of the West Valley Station. Thirteen businesses (including the West Valley Station) were identified as potential sources of emissions (more than one gallons of solvents used in a month or more than 1 pound of volatile organic chemicals emitted in a day) during the survey process. Survey response was generally positive, with a several negative responses from surveyed businesses. A list of emitted compounds for each source is outlined in **Table 9** for sources near the West Valley Station.

Based upon risk estimates made by the SCAQMD (2003), the local businesses surveyed have a much smaller impact on the community's health compared with mobile source emissions. SCAQMD (2003) estimated the cumulative health risk from mobile source emission for the community adjacent to the Montclair station to be less than 1,000 in 1,000,000.

4.4 SCAQMD ENVIRONMENTAL JUSTICE STUDY

In August 2003, SCAQMD published the “White Paper on Potential Control Strategies to Address Cumulative Impacts From Air Pollution” in which a regional evaluation of air quality was used to determine the risks posed to neighborhoods from mobile and stationary sources. According to the document “Estimated risks from air toxic measurement at 10 monitoring stations for residents of the Basin are ~1,400 in a million (based on a range from about 1,120 in a million to about 1,740 in a million), with some areas experiencing higher risks. Reducing emissions throughout the Basin would decrease the overall risk on a regional basis and will lower neighborhood risks by varying degrees, depending on the localized circumstances.”

According to the results of the study (SCAQMD, 2003), for the areas of interest in San Bernardino, the communities adjacent to the 5th Street Station and I Street Station in San Bernardino, the background risk from mobile sources is approximately 1,000 in 1,000,000 (**Figure 20**), while the background risk from stationary sources is approximately 100 in 1,000,000 (**Figure 21**). For the areas immediately east of the 215 Freeway the risk is approximately 1,500 in 1,000,000 (**Figure 19**).

For the area of interest in Montclair, the background risk from mobile sources is approximately is less than 1,000 in 1,000,000 (**Figure 20**) while the background risk from stationary sources is approximately 100 in 1,000,000 (**Figure 21**).

5 DISPERSION MODELING

Dispersion modeling was performed for all three stations to estimate the potential impact on each community. Local meteorological data was incorporated in the model where possible. In general prevailing winds are from the west, southwest during the day time. At night, the prevailing winds switch, with off-shore breezes dominating the wind flow. Emission estimates from the Omnitrans facilities and significant polluters in each area were modeled to determine the cumulative concentration of each chemical where possible. The results of the model will be used in the health risk estimate (**Section 6**).

The Industrial Source Complex-Short Term (ISCST3) model was performed on the industrial sources identified in within the half-mile radius of each facility. The model is a steady state Gaussian plume model and is approved by the U.S. EPA for estimating ground level impacts from point and fugitive sources in simple and complex terrain. Meteorological data from the local SCAQMD's monitoring stations were used to represent local weather conditions and prevailing winds. The model was used to calculate the annual average chemical concentrations associated with each emitting source.

The ISCST3 model output files are presented in **Appendix G**. The modeling analysis also considered the spatial distribution of each emitting source in the relation to the community. Predicted mass ground level concentrations (GLCs) corresponding to the model output values expressed in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) were derived.

6 DATA COLLECTION, EVALUATION, AND IDENTIFICATION OF CHEMICALS OF POTENTIAL CONCERN

This section includes an evaluation of the quality assurance/quality control (QA/QC) information associated with the data, classes of chemicals, frequency of detection, essential nutrients, site historical information, background concentrations, fate and transport criteria (aqueous and solvent solubility and expected mobility), as well as the presentation of representative concentrations.

6.1 THE SELECTION PROCESS

Cal-EPA indicates that a quantitative evaluation that includes all chemicals of potential concern (COPCs) is “the most thorough approach for assessing potential health risks (Cal-EPA 1992, Chapter 5, pg. I). For this baseline health risk assessment (BHRA), a chemical selection process was initiated that involved the review of existing analytical data. An evaluation of the QA/QC information associated with the data, classes of chemicals, frequency of detection, historical information, background concentrations, and chemical toxicity was performed as part of the COPCs selection process.

6.2 QA/QC EVALUATION OF THE DATA

The data was evaluated for QA/QC parameters including holding times, laboratory control samples, matrix spikes, reporting limits and conformance with control limits. None of the samples collected were rejected on this basis.

Data accuracy was determined as part of the laboratory QA/QC procedures by evaluating method blanks, laboratory control samples, laboratory control sample duplicates, matrix spikes, and matrix spike duplicates. The laboratory QA/QC procedures were carried out at the specified frequency and were reported correctly for each of the sampling events.

6.3 SUMMARY OF CHEMICAL SELECTION PROCESS

The chemicals of potential concern (COPCs) are generally defined as those chemicals present at a site that are most likely to be of concern to human health and the environment. Based on the results of the local business area surveys, the following are COPCs:

Compound	Source
<ul style="list-style-type: none">Gasoline vapors	<ul style="list-style-type: none">Gasoline
<ul style="list-style-type: none">Methyl Ethyl Ketone (MEK)	<ul style="list-style-type: none">Paint
<ul style="list-style-type: none">Acetone	<ul style="list-style-type: none">Paint, degreasers
<ul style="list-style-type: none">Isopropanol	<ul style="list-style-type: none">Paint thinner, degreasers
<ul style="list-style-type: none">Ethyl Benzene	<ul style="list-style-type: none">Paint thinner
<ul style="list-style-type: none">Methyl Alcohol	<ul style="list-style-type: none">Degreasers
<ul style="list-style-type: none">Toluene	<ul style="list-style-type: none">Paint, degreasers, brake cleaners
<ul style="list-style-type: none">Butyl Benzyl Phthalate	<ul style="list-style-type: none">Paint
<ul style="list-style-type: none">VM&P Naphta	<ul style="list-style-type: none">Paint thinner
<ul style="list-style-type: none">Xylenes	<ul style="list-style-type: none">Paint thinner, carbuerator cleaners
<ul style="list-style-type: none">Acetaldehyde	<ul style="list-style-type: none">Charbroilers
<ul style="list-style-type: none">Methylene Chloride	<ul style="list-style-type: none">Carbuerator cleaners, degreasers

Natural gas is a complex mixture of light gases separated from raw natural gas consisting of aliphatic hydrocarbons having carbon numbers in the range of C1 through C4, predominantly methane (C1) and ethane (C2); may contain carbon dioxide (CO2). Methane, a simple asphixiant with no known effects at low concentrations (less than 10 ppm) is the principal component of natural gas, making up approximately 90% of the compressed natural gas. The balance is typically ethane, another simple asphixiant with no known effects at low concentrations (less than 10 ppm). Due to the low toxicity of these compounds, the lack of detections above 10 ppm in samples previously taken at the fueling stations, and the reconfiguration of the 5th Street and Montclair stations to liquid compressed natural gas, they will not be considered as COPCs. Based on the current monitoring program in place at the refueling stations, there is no indication that LCNG is leaking from the current fueling system.

Chemicals not evaluated directly in this risk assessment that are likely to have a significant impact on the health of the communities are emissions from mobile sources in the area. Those

chemicals include benzene, formaldehyde, 3-butadiene, and diesel particulates which are components of automobile and diesel exhaust. As stated in Section 4.4, the risk to the communities of interest in San Bernardino from mobile sources have been previously estimated by SCAQMD to be approximately 1,000 in 1,000,000 west of the 215 Freeway (**Figure 20**) and in excess of 1,500 in 1,000,000 east of the 215 Freeway (**Figure 19**). Further evaluation of those compounds in this assessment is not likely to yield significant new results given the effort already undertaken by SCAQMD.

7 CHEMICAL CHARACTERISTICS

7.1 FATE AND TRANSPORT OF CHEMICALS

This Section discusses the chemical and Site-specific parameters relevant to the fate and transport of the COPCs at the Site. Fate and transport data are integrated with sampling data in order to evaluate which environmental media should be considered as sources of potential exposure. In general, chemicals introduced into the environment may adsorb to soils, dissolve into bodies of water, leach from soil, volatilize from either soil or water into the atmosphere, or be absorbed from soil by vegetation. The fate and transport of chemicals detected at the Site are governed by properties of the chemicals, as well as by properties of the media in which they are found. The interaction of chemicals and media is affected by a variety of processes that control the mobility of chemicals. These processes include adsorption, ion exchange, precipitation, complexation, volatilization, and biodegradation, which will determine the partitioning of compounds into water, air, or solid phases.

7.2 TOXICITY ASSESSMENT

A Toxicity Assessment is the process of evaluating whether a potential exists for an increase in the incidence of an adverse health effect (*e.g.* cancer, birth defect) due to human exposure to a substance. The process identifies the relationship between the dose of a substance and the likelihood of an adverse effect on the exposed population (Preuss and Ehrlich, 1987). Although there are some data on human exposures, most available information about the dose-response relationship is based on data collected from animal studies and theoretical perceptions about what might occur in humans. The highest degree of uncertainty identified with most Risk Assessments is associated with the extrapolation of results obtained from animals tested at high doses to those results which could be anticipated at low doses, which humans are more likely to encounter in the environment. Toxicity values used in the risk characterization of the Sites are presented in **Tables 10 through 12**.

In the identification of appropriate toxicity criteria for carcinogens, California cancer potency factors are given priority over Federal CSFs. Although different terminology is used in reference to carcinogenic toxicity by CalEPA and the EPA, they are functionally identical. The CSF factor represents an estimate of the “largest possible linear slope (within the 95% confidence limit) at low extrapolated doses that is consistent with the data.”(EPA, 1994) A

mathematical model such as the linearized multistage model was used for this purpose. In the event that a cancer potency factor was not available from CalEPA, EPA CSFs were used.

EPA-verified reference doses (RfDs and RfCs) were used in the evaluation of noncarcinogenic effects of the COPCs. According to the EPA, an RfD “is a provisional estimate (with uncertainty spanning perhaps an order of magnitude) of the daily exposure to the human population (including sensitive subgroups) that is likely to be without an appreciable risk or deleterious effects during a portion of the lifetime, in the case of subchronic [RfC] or [RfD], or during a lifetime, in the case of a chronic [RfC] or [RfD].” (EPA, 1993)

RfDs generally refer to oral reference criteria in units of mg/kg/day. RfC refers to inhalation reference criteria in units of mg/m³. Due to federal research priorities, RfDs are more readily available in comparison to RfCs. In this BHRA, EPA chronic oral RfDs have been used as surrogates for the dermal and inhalation reference criterion when the latter are not available.

7.2.1 CARCINOGENIC CHEMICALS

Chemicals that exhibit carcinogenicity are generally considered to have no threshold (*i.e.*, exposure to any amount of the chemical would result in some risk of cancer). Most modeling for quantitatively estimating the carcinogenic nature of chemicals at the low doses to which people would be exposed under environmental conditions is based on experience with human exposure to radiation (Paustenbach, 1989). Although this assumption may be appropriate for radiation, many members of the scientific community believe that this model may not be suitable for all chemical carcinogens. Radiation is known to be genotoxic (*i.e.*, it reacts directly with DNA) and an initiator of cancer. The dose is linearly related to the dose received at the target organ.

Chemical carcinogens fall into at least three major categories: cytotoxicants (*i.e.*, chemicals toxic to cells), initiators, and promoters (*i.e.*, chemicals that promote the growth of cancer cells) (Anderson, 1988). The EPA uses the linearized multistage low-dose extrapolation model as the basis for estimating chemical-specific cancer risk at low doses. This model is recognized as a conservative approach to ensure potential risk is not underestimated. Cancer slope factors are indices of carcinogenicity and are used in performing quantitative calculations to estimate carcinogenic risk.

The information in this section characterizes the relationship between the dose of a substance and the likelihood of an adverse effect on the exposed populations (Preuss and Ehrlich, 1987).

The potential for inducing a health effect due to chemical exposures is dose-dependent. Higher doses result in a greater probability of inducing health effects.

Although there are some data on human exposures, most available information about dose-response relationships is based on data collected from animal studies and theoretical perceptions about what might occur in humans. The nature and strength of the evidence of the causation of cancer is an important aspect of the evaluation (NAS, 1983). The strength of evidence has been evaluated by the EPA and is indicated by their classification of each chemical as to its carcinogenicity.

Carcinogenic classifications were developed by the EPA's Cancer Assessment Group. The EPA's Cancer Assessment Group classified candidate chemicals into one of the following groups, according to the weight of evidence for and against carcinogenicity from animal and epidemiological studies (EPA, 1989a):

- Group A - Human Carcinogen (sufficient evidence of carcinogenicity in humans);
- Group B - Probable human carcinogen;
- Group B1 - Limited evidence of carcinogenicity in humans;
- Group B2 - Sufficient evidence of carcinogenicity in animals with inadequate evidence in humans;
- Group C - Possible human carcinogen (limited evidence of carcinogenicity in animals; absence of human data);
- Group D - Not classifiable as to human carcinogenicity; and
- Group E - Evidence of non-carcinogenicity for humans (no evidence of carcinogenicity in adequate studies).

Of the chemicals identified as COPCs in **Section 6.3**, 2 (acetaldehyde and gasoline vapors) are considered by CalEPA and EPA to be either known human carcinogens, probable human carcinogens or possible human carcinogens (EPA weight-of-evidence Groups A, B, or C).

7.2.2 NONCARCINOGENIC CHEMICALS

Chemicals that exhibit adverse effects other than cancer or mutation-based developmental effects are believed to have a threshold (*i.e.*, a dose below which no adverse health effect is expected occur). When extrapolating animal data to identify safe levels of human exposure, most researchers have focused on the use of a safety factor or uncertainty factor. The magnitude of the safety factor is, in turn, dependent on a number of quantitative and qualitative determinations of the type, duration, and results of the research study.

The EPA has used these approaches in establishing exposure route-specific RfDs for noncarcinogenic chemicals. An RfD is a daily dose level to which humans may be exposed throughout their lifetimes with no adverse health effect expected. RfDs used in this HRA are presented in **Tables 10 through 12**. During the course of this BHRA, when RfDs could not be located for a particular chemical, surrogate RfDs were substituted from other exposure routes. The hierarchy for selection of toxicity criteria followed CalEPA's recommended hierarchy (CalEPA, 1995).

7.2.3 ODOROUS CHEMICALS

Thousands of odorous chemicals (odorants) are associated with the urban environment. Individuals are exposed to hundreds of odorants each day while driving, eating, cleaning, bathing, and exercise. Each odorant has a unique character, odor threshold, and risk to human health. Odor sources around the Omnitrans facilities include trucking facilities, gas stations, auto service shops, autobody shops, coin laundry shops, beauty salons, sewer lines, municipal solid waste in dumpsters, and restaurants. Common urban odorants include alcohols, aldehydes, ketones, volatile fatty acids, solvents, and a wide variety of sulfur and nitrogen compounds. While odors may be noxious or be perceived as a nuisance, they do not necessarily indicate a risk. For example the odor thresholds for many compounds do not exceed the threshold at which they may pose a risk to an individual. Methyl mercaptans are detectable at 0.02 parts per billion by volume while potential health effects are seen only after exposure levels reach 57,000 parts per billion (ATSDR, 2003).

7.2.3.1 Natural Gas Odorants

Natural gas is composed mainly of methane, an odorless combustible gas. Natural gas is commonly odorized with sulfur containing volatile organic compounds (SVOC) such as methyl mercaptan; which has a very low odor threshold concentrations (OTC). Odorizers for natural gas can also include a variety of other sulfur containing mercaptans as well. The OTC for methyl mercaptan is only 0.02 parts per billion by volume (ppbv) or 20 parts per trillion by volume (pptv) (Ruth, 1986). OTCs have been determined for many urban odorants (**Table 1**). Urban odor typically results from a mixture of many of the compounds, and the urban odor character changes as the odorant mixtures change. Odor can be qualitatively measured in terms of character (**Figure 18**) or in quantitatively measured in terms of OTCs (**Tables 13 through 17**).

Hydrogen sulfide and isopropyl mercaptan have been detected in close proximity to the Omnitrans **Metro** facility. These odorants were detected when the Omnitrans facility was using

odorized natural gas. In November of 2001 the Omnitrans busses converted to liquefied natural gas containing no odorants. In April 2002, the Metro station was fully converted to odorless liquid compressed natural gas. Prior to the full conversion of the Metro site in April 2002 the temporary equipment installed in November 2001, the equipment using odorized pipeline gas, was used frequently as a back up supply. Any potential current sulfur odor emissions from the Omnitrans facility hence do not result from the fuel used by the bus fleet. Reduced sulfur gasses could result from any standing water, with sulfate and microorganisms in solution.

7.2.3.2 Other Urban Odorants

While most of the Omnitrans busses are fueled by clean burning natural gas, automobiles are a common odor source resulting from exhaust odorants include benzene, 1,3 butadiene, formaldehyde, acetaldehyde, ozone, diesel particles. Gasoline stations in the areas around each site, and gasoline fueling at Omnitrans sites may release methyl tert-butyl ether (MTBE), toluene, benzene and other hydrocarbon fuel odors. Chlorinated solvents odors are released mainly from dry cleaners, and perchloroethylene is the “dry cleaner” smell.

The aroma of toasted wheat bread is similar to that of the wheat bread crust and is described as roasty, malty and buttery. Aroma extract dilution analysis showed 36 neutral/ basic and 15 acidic compounds to be potent odorants including: 2-acetyl-1-pyrroline, (E,E)-2,4-decadienal, methional, guajacol, (E)-2-nonenal, 3-methylbutanal, 4-hydroxy-2,5-dimethyl-3(2H)-furanone and 2- and 3-methylbutanoic acid were those with the highest flavor dilution (FD) factors. Besides these, methylpropanal, 2,3-butanedione und dimethyl trisulfide (Rychlik, 1996).

Pan-fried beef patties were also described as cardboard and metallic. Kerler (1996) revealed that both a decrease of the desirable odorants 4-hydroxy-2,5-dimethyl-3(2H)furanone, 3-hydroxy-4,5-dimethyl-2(5H)furanone and an increase of hexanal and trans-4,5-epoxy-(E)-2-decenal were responsible for ODOR formation in beef (Dutsche Forschungsanstalt, 1997).

Based on high flavor dilution (FD) factors, the key aroma compounds of the in total 50 detectable odorants of freshly cooked chicken were found to be: (E,E)- and (E,Z)-2,4-decadienal, 4-hydroxy-2,5-dimethyl-3(2H)furanone (furanol), butyric acid, 3-hydroxy-4,5-dimethyl-2(5H)furanone (sotolon), 2-furfurylthiol, 2-acetyl-2-thiazoline, acetic acid, hexanal, 1-octene-3-one, methional, (E)-2-nonenal, 2/3-methylbutyric acid, (E,E)-2,4-nonadienal, methanethiol, dimethyl trisulfide, acetaldehyde and methylpropanal (Dutsche Forschungsanstalt, 1997).

During this project the San Bernardino fires resulting in a great deal of smoke released into the environment. Smokey odors result from combustion of organic waste producing cyclic oxidized molecules such as guaiacol, pyrans and furans.

Most cultures agree that the most unpleasant odor in the urban environment is sewage odor. Feces odor and sewage odor results from reduced sulfur compounds such as hydrogen sulfide, methyl mercaptan and ethyl mercaptan. These compounds have very low OTCs of 0.5, 0.02 and 0.01 ppbv, respectively (**Tables 13 through 17**) (Ruth 1986).

Sewage vapor also includes ammonia (pungent odor) and trimethyl amine (fishy odor) (**Tables 13 through 17**). Manure odor results from nitrogen compounds including ammonia and trimethyl amine, but also includes nitrogen-containing compounds such as skatole, which have been reported to have very low odor threshold of 0.4 pptv (Ruth 1986) (Rosenfeld and Henry, 2001).

Some body odors and garbage odors present in the area result from the presence of volatile fatty acids. Volatile fatty acids such as acetic acid (vinegar) are found at municipal solid waste facilities and in garbage cans. Volatile fatty acids, such as butyric acid, are responsible for many of the more unpleasant body odors and can have very low OTCs. The OTC for butyric acid is only 1 ppbv. Volatile fatty acids form when bacteria breakdown of organic matter in anaerobic conditions.

Aldehydes and ketones are sweet pungent component of restaurant, garbage, and wastewater odor. Nail polish remover (acetone) is an example of a ketone. While both ketones and aldehydes are the sweet component of many odors, aldehydes such as acetaldehyde (OTC of 0.1 ppbv) generally have a much lower OTC than ketones (**Tables 13 through 17**). While the sweet solvent-like odors of ketones and aldehydes may not be perceived as unpleasant alone, mixed with other odorants they contribute to a generally pleasant odor (food) or unpleasant odor (garbage) (Rosenfeld et al, 2002).

The moldy and musty odors associated with damp rooms/homes result from geosmin and related compounds. Sulfur compounds can also be released from damp anaerobic areas where organic matter is present.

The lemon, mint, and pine odors result from the presence of terpenes such as limonene, menthol and alpha-pinene (**Figure 18**). These odors are associated with cleaning agents and detergents.

Odors associated with urban environments include a wide variety of chemicals. This is a brief summary of the wide variety of odor chemicals in the urban environment. The Urban Odor Wheel (Figure 1) is a useful tool when trying to identify odors in the urban environment. **Table 18** summarized the lowest odor detection limit for a wide variety of odorants. Odor sources, particularly in urban environments are difficult to pin-point.

7.2.3.3 Omnitrans Odor Investigation

Due to ongoing odor complaints related to natural gas fueling equipment, Omnitrans hired Executive Environmental Services Corp. to complete an ambient air monitoring survey on June 13, 2001. The analysis screened for 20 sulfur compounds and five hydrocarbons. Very low levels of carbon disulfide (max 5.7 ppb) and carbonyl sulfide (max 7.7 ppb) were detected in samples. These detected levels are well below established levels of concern for chronic exposure and potential health risk of 1,000 ppb (NIOSH permissible exposure level). Low levels of methane were detected in neighborhood and levels were elevated near the compressor within the Omnitrans perimeter fence. The residents pointed out that the times of the sampling did not fully coincide with the refueling. Therefore, the results were consistent with a non-refueling period at the facility. Also, the on-site investigations was considered a non-typical workday in terms of odor annoyance because one of the two compressors was inoperative. According to the report, there was a noticeable CNG odor to the northeast of the compressor units during most of the day. Thirty-six ambient air samples in the surrounding neighborhood were collected by air sampling equipment placed in several parked cars (Executive Environmental Services, 2001).

Ensafe Inc. (Ensafe) was retained by the San Bernardino City Unified School District (September 2001) to perform an environmental site assessment at the Ramona Alessandro Elementary School in San Bernardino, California. The assessment was designed to determine if compressed natural gas (CNG) fueling operations at the Omnitrans facility are adversely impacting air quality at the adjacent elementary school. The samples were collected in SUMMA canisters with flow controllers adjusted to collect an integrated sample over a three-hour period. Each analysis was analyzed by American Society for Testing and Materials (ASTM) method D-1945 for natural gas components and by a modified ASTM method D-5504 for associated sulfur compounds. Four samples found hydrogen sulfide at concentrations of 63, 36, 31, and 6.7 ppb. Isopropyl mercaptan was found at a concentration of 8.2 ppb for the period monitored, well below any reasonable level that could cause health effects (10,000 ppb using Hydrogen Sulfide as a surrogate compound). Ensafe recommended that school property not be used by the public during the evening fueling hours. Ensafe also recommended that students and teachers move

inside from exterior play areas whenever noticeable CNG odors are detected to reduce the potential for human exposure. Since this event, Omnitrans switched from odorized natural gas to non-odorized liquefied natural gas. Hence the odor events resulting from sulfur molecules can no longer be attributed to refueling. However, sulfur compounds may also be volatilized from sewer pipes, decomposing vegetation, dog feces, or any anaerobic water with sulfate enzymatically converting to sulfide.

8 EXPOSURE ASSESSMENT

Exposure assessment, as defined by the National Academy of Sciences, (NAS, 1983), is the process of measuring or estimating the intensity, frequency, and duration of human exposure to an agent in the environment. This section of the risk evaluation discusses the mechanisms by which people might come in contact with COPCs and the estimated intensity, frequency, and duration of contact between potential human receptors and the chemicals. The quantitative assessment of exposure, based on the chemical concentrations and the degree of absorption of each chemical, provides the basis for estimating chemical uptake (dose) and associated health risks. The exposure assessment follows, as much as possible, the recommendations for conducting an exposure assessment provided by the EPA in the *Risk Assessment Guidance for Superfund* (RAGS) (EPA, 1989), and the *Supplemental Guidance for Human Health Risk Assessments and Preliminary Endangerment Assessment* by CalEPA (CalEPA, 1992, 1994).

In accordance with this guidance, an exposure assessment consists of three basic steps:

- Characterization of the exposure setting (physical environment and potentially exposed receptors);
- Identification of exposure pathways (chemical sources, points of release, and exposure routes); and
- Quantification of pathway-specific exposures (exposure concentrations and intake assumptions).

The purpose of the first step is to characterize the salient features of the Site environment that might influence human exposure and identify potentially exposed populations. The exposure pathways are identified in the second step by characterizing the chemical sources, points of release, and potential exposure routes. In the third step, the qualitative information from the first two steps is integrated with the estimates of exposure concentrations and intake assumptions to quantitatively estimate exposure (dose). These components are described in greater detail in the following subsections.

8.1 CHARACTERIZATION OF THE EXPOSURE SETTING

Potential exposure to chemicals at the Site depends on a number of factors related to the physical characteristics of the school grounds and surrounding neighborhoods and the physical activities of potentially exposed persons. These factors were considered in conducting the exposure assessment for this risk evaluation.

8.1.1 SELECTION OF RECEPTORS TO BE EVALUATED

Based on the physical setting discussed above, several receptors were identified for evaluation. These potential receptors are:

- residents (adult and child);
- students; and
- adult workers.

8.2 IDENTIFICATION OF EXPOSURE PATHWAYS

This evaluation is being conducted to determine whether potential risks to community members (residents, students and adult workers near the Sites) associated with potential releases of chemicals into the air.

An exposure pathway is defined by four elements (EPA, 1989):

1. A source and mechanism of chemical release to the environment;
2. An environmental medium receiving or transporting (*e.g.* air, soil) the released chemical;
3. A point of potential contact with the medium of concern; and
4. An exposure route (*e.g.* ingestion) at the contact point.

An exposure pathway is considered "complete" if at least elements 1, 3, and 4 are present. Element 2 (a transport or receiving medium) is not necessary if exposure occurs to the medium to which the chemical was released, such as direct contact with soil. If a chemical is present in a medium (*e.g.* groundwater) to which people are not exposed, the pathway is incomplete for that medium. However, if the chemical can migrate from one medium (*e.g.* soil) to another (*e.g.* ambient air) to which people are exposed, the pathway may be complete. If the data on the receiving medium (in this case ambient air) indicate that this migration does occur, the pathway is considered "complete." If, however, data on the receiving medium are not available and the presence of chemicals is only surmised, then the pathway is considered "potentially complete." Similarly, if the exposure is not occurring currently, but may occur in the future, the pathway is considered "potentially complete" as well.

8.3 SOURCES, MECHANISMS OF RELEASES, AND MECHANISMS OF TRANSPORT

This evaluation focuses on exposure to chemicals emanating into the air. The primary sources of chemicals into the air of the community are the fueling and repair activities at the Omnitrans facilities and other industrial sources.

8.4 RESIDENTIAL RECEPTORS

The residential receptor represents a *conservative* worst-case land use. The residential receptors are assumed to reside within half a mile of the Sites and to be directly exposed to chemicals in the soil via inhalation of vapors in the ambient air. Residents were assumed to live in the same area for 70 years (6 years as a child and 64 years as an adult).

8.5 STUDENT RECEPTORS

Children in grades K (Kindergarten) through sixth attend school near the Metro Site as students. In addition to attending the school, they also may play at the school after classes are dismissed. The student receptors are also assumed to be directly exposed to chemicals via inhalation of vapor in the ambient air. It was assumed that the student is exposed the full time he/she is at school, whether indoors or outdoors and whether they are near these areas or not.

8.6 ADULT WORKER RECEPTORS

Adult workers at the Site are also potentially exposed directly to chemicals present in the ambient air. Workers were assumed to be in the same location for 40 years.

8.7 QUANTIFICATION OF EXPOSURE POTENTIAL

Potential exposure to chemicals in the environment is directly proportional to concentrations of the chemicals in environmental media (*e.g.*, air) and characteristics of exposure (*e.g.*, frequency and duration). The concentrations at exposure points are generally referred to as exposure point concentrations (EPCs). The characteristics of exposure are estimated using various exposure parameters. The following subsections describe how these values are determined and combined to estimate chemical exposures.

8.7.1 EXPOSURE POINT CONCENTRATIONS

The Industrial Source Complex-Short Term (ISCST3) model was performed on the industrial sources identified in within the half-mile radius of each facility. The model is a steady state Gaussian plume model and is approved by the U.S. EPA for estimating ground level impacts from point and fugitive sources in simple and complex terrain. The model was used to calculate the annual average chemical concentrations associated with each emitting source.

The model requires various input parameters including chemical emission data and local meteorology. Meteorological data from the SCAQMD's Riverside and Upland monitoring stations were used to represent local weather conditions and prevailing winds.

To determine contaminant impacts during hours when the most sensitive receptors (school children) could be exposed, ground level concentrations were predicted for emissions generated from the hours of 08:00 AM to 06:00 PM.

The modeling analysis also considered the spatial distribution of each emitting source in the relation to the community. The ISCST3 model output file is presented in **Appendix G**. Predicted mass ground level concentrations (GLCs) corresponding to the model output values expressed in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) are listed in **Tables 10 through 16**.

8.7.2 EXPOSURE DOSE

Exposure dose (also called an administered dose) is defined as the amount of a chemical that a receptor contacts. Exposure is measured in terms of EPC in air. Intake is the physical movement of a chemical through the outer boundary of the body (*e.g.* mouth or nose) via inhalation. Uptake is the absorption of a chemical across the skin or other exposed tissue. There are several estimates of intake and uptake; these include applied dose, potential dose, administered dose, internal dose, delivered dose, and biologically effective dose. For risk assessment purposes, potential dose, applied dose, and internal dose are the most relevant. Potential dose is the amount of chemical (concentration) in material that is ingested, inhaled, or applied to the skin. Potential dose is analogous to the administered dose in a toxicity study. Applied dose is the amount of chemical in contact with the primary absorption boundaries (*e.g.* lungs) and available for absorption. Internal dose is the amount of chemical actually crossing the absorption barrier (*i.e.* the amount absorbed). For inhalation exposures (intake), it is generally assumed that the amount of chemical crossing the outer boundaries (mouth and nose) equals the amount present at absorption boundaries (lungs).

The type of dose estimate used for a particular chemical in a risk assessment is dependant on the route of exposure at the Site (inhalation), the route of administration in the toxicity study used to derive the toxicity value, and the manner in which absorption information was used in deriving the toxicity value. In the risk characterization, dose estimates are combined with toxicity criteria to estimate potential health risks. It is important that this calculation be made with analogous estimates. As indicated, a potential dose for an environmental exposure at a site is analogous to an administered dose in a toxicity study and internal dose is analogous to an absorbed dose.

The Lifetime Average Daily Dose (LADD)" or Average Daily Dose (ADD) are the parameters used to quantify exposure doses in site risk assessments. Because carcinogens are assumed to elicit a carcinogenic response in a linear dose-response relationship (*i.e.*, each exposure event results in an increased incremental lifetime risk of cancer over the entire duration of a person's lifetime), the appropriate averaging time is a person's lifetime (70 years x 365 days/year = 25,550 days). The LADD is used for estimating potential cancer risks from carcinogens, and it addresses exposures that may occur over varying durations from a single event to an average 70-year human lifetime. Noncarcinogens are assumed to have a threshold dose, often referred to as the RfD, below which effects do not occur. It is therefore necessary to estimate the ADD for comparison with the RfD. Since non-carcinogens have a threshold dose, the period of interest for evaluating potential health effects from exposure to a COPC is the period over which exposure may occur. Thus, the averaging time used for noncarcinogens is the exposure duration (*i.e.*, number of years exposed x 365 days/year). The ADD is used as a standard measure for characterizing long-term non-carcinogenic effects.

8.7.2.1 Inhalation Exposures

The potential dose for inhalation of VOCs is calculated using the following equation:

$$\text{LADD or ADD} = (\text{C}_{\text{air}} \times \text{IR} \times \text{EF} \times \text{ED}) / (\text{BW} \times \text{AT})$$

where:

C _{air}	=	concentration of COPC in air (mg/m ³)
IR	=	inhalation rate (m ³ /day)
EF	=	exposure frequency (days/year)
ED	=	exposure duration (years)
BW	=	body weight (kg)
AT	=	averaging time (days)

for carcinogenic effects: 70 years x 365 days
for non-carcinogenic effects: ED x 365 days

8.7.3 EXPOSURE POINT SUMMARY

In the steps outlined above, the method for estimating the potential exposure of any potential receptor to chemicals in the community is performed in a manner to overestimate the potential exposure. The duration, frequency, and other input parameters were selected to overestimate exposure to the potentially exposed individual and are not an accurate portrayal of actual exposure.

9 RISK CHARACTERIZATION

Risk characterization is defined as the description of the nature and magnitude of potential human health risk, including attendant uncertainty. Risk characterization integrates the results of the human exposure assessment and the toxicity assessment to estimate potential carcinogenic risks and non-carcinogenic health effects associated with exposure to chemicals. This integration provides quantitative estimates of either cancer risk or non-cancer hazard index (HIs) that are compared to standards of acceptable risk.

Various demarcations of acceptable risk have been established by regulatory agencies. Cancer risks in excess of 1×10^{-5} per chemical have been deemed unacceptable pursuant to the California Safe Drinking Water and Toxic Enforcement Act of 1986, otherwise known as Proposition 65 (California Health and Safety Code Sections 25249.5 *et seq.*; 22 California Code of Regulations Section 12703(b)). The Department of Toxic Substances Control (DTSC) has a risk management range equivalent to an estimated potential cancer risk range of 1×10^{-6} to 1×10^{-4} and/or the HI is greater than 1. The EPA generally deems health risks to be significant if cancer risk exceeds the EPA acceptable risk range of 1×10^{-6} to 1×10^{-4} and/or the HI is greater than 1 (40 Code of Federal Regulations part 300.430(e)(2)(I)(A)(2) (1998); EPA, 1991). SCAQMD has outlined its risk management requirements for new and existing source review (Rules 1401 and 1402) the cumulative increase in maximum individual cancer risk (MICR) shall not exceed: one in a million (1×10^{-6}) if best available control technology is not used; or, ten in a million (10×10^{-6}) if best available control technology is used. Depending upon the degree and nature of conservative assumptions used in a risk assessment and other Site-specific factors, the risk manager may find more refined risk assessment or remediation is not warranted if risks are within the DTSC risk management range.

Regulation/Agency	Lower Risk Limit	Upper Risk Limit
40 CFR part 300.430(e)(2)(I)(A)(2)	1×10^{-6} for carcinogens	1×10^{-4} for carcinogens 1 for noncarcinogen
Proposition 65		10×10^{-6} for carcinogens
DTSC	1×10^{-6} for carcinogens	1×10^{-4} for carcinogens 1 for noncarcinogen
SCAQMD	1×10^{-6} without T_BACT	10×10^{-6} with T-BACT

Risk assessment is an iterative process where site (refueling stations and other industrial sources), receptors (community members; Omnitrans and school staff; and school children), and chemical-specific data are used when available to estimate potential adverse health effects resulting from chemical exposure. When specific data are not available, conservative, health protective assumptions are utilized. The combined use of many conservative assumptions can lead to overly conservative estimations of potential risk, but this approach will certainly provide an upper-bound estimate of the actual risk. Thus, for the refueling stations and surrounding communities, the estimated risk level reflects an upper-bound estimate of the most probable risk. The most probable risk is likely to be much less, perhaps as low as zero, and almost certainly not measurable in the potentially exposed population.

The risks estimated in this assessment represent an upper-bound estimate of potential risks as many conservative assumptions, exposure scenarios, and models were employed in the process of estimating the risks posed by the refueling stations and other polluters in the area.

For the inhalation pathway described in **Section 8**, the potential carcinogenic risks and non-cancer HIs were estimated as described above. This approach is appropriate for an initial screening risk evaluation of the potential health risks to the community posed by the refueling stations and other polluters in the area.

9.1 CARCINOGENIC RISK CHARACTERIZATION

In order to estimate the theoretical upper-bound excess lifetime carcinogenic risk associated with exposure to a chemical, the product of the medium-specific CSF and the LADD estimated for the exposure pathway of concern is determined. The calculation of the theoretical excess lifetime cancer risk is shown below:

$$\text{Potential Cancer Risk} = \text{LADD} \times \text{CSF}$$

This approach to estimating carcinogenic risk assumes that the increased risk of cancer resulting from exposure to a chemical is linearly proportional to the amount of chemical intake averaged over a lifetime.

The potential carcinogenic risks associated with the exposures to chemicals were estimated by adding the chemical-specific risks to yield exposure pathways risks. Implicit in this approach is the assumption that potential carcinogenic risks from multiple chemical exposures are additive such that the total pathway-specific risk is equal to the sum of the individual chemical-specific risks. Similarly, the excess lifetime cancer risks for each carcinogenic compound were also

added from each exposure pathway. The resulting total chemical-specific risks represent the upper-bound potential risk of developing cancer from that chemical upon exposure to that medium (*i.e.*, the risk may be lower, but is unlikely to be greater).

9.2 NONCARCINOGENIC RISK CHARACTERIZATION

Adverse non-carcinogenic effects are evaluated by comparing the estimated daily intake of a chemical to its associated RfD. The RfD is the point of reference for evaluating the potential effects of non-carcinogenic chemical exposures. Exposure doses less than the RfD are not likely to be associated with adverse health effects and are, therefore, not of regulatory concern. However, doses, which exceed the RfD, are considered to present the potential for adverse effects. The relationship is expressed numerically using parameters known as the Hazard Quotient (HQ) and HI. The HQ is obtained by dividing a chemical-specific ADD by its respective RfD as presented below.

$$HQ = ADD/RfD$$

Each dose calculation, or combination of chemical, receptor, and exposure pathway, will have a distinct HQ. The sum of the HQs for all chemicals (a, b, c,..., z) will yield an HI for each receptor, as indicated:

$$HI = HQ_a + HQ_b + HQ_{ib} + \dots HQ_z$$

An HI value less than one indicates that an adverse effect would not be anticipated. Conversely, an HI equal to or greater than 1.0 indicates that there is a potential for a non-carcinogenic health effect to occur as a result of exposure to chemicals released from the Site. All chemical-specific HQs are added at the initial exposure screening level, regardless of the actual toxic endpoint. On a scientific basis, the HI approach is considered highly conservative and not reflective of the true organ-specific mechanistic bases of chemical toxicity. Thus, adverse effects that might not be cumulative are artificially combined using this approach.

9.3 ESTIMATES OF POTENTIAL CANCER RISKS AND NONCARCINOGENIC HEALTH EFFECTS

The estimated potential cancer risks and noncancer HI for the three receptors evaluated are presented in **Tables 4 through 10**

The receptor with the greatest estimated potential cancer risks and noncancer HI was the onsite worker at the Omnitrans facility. Residential receptors east of the facility for 70 years had

cumulative health risk of less than 2 in 1,000,000 (2×10^{-6}). The noncancer HI for residential receptors east of the Metro Facility was estimated to be 1.5. The greatest proportion of the estimated potential noncancer risk for residents (more than 90%) came from the potential inhalation of acetaldehyde and toluene from auto repair facilities and charbroilers operated in each community. As stated in Section 4.4, the risk to the communities of interest in San Bernardino from mobile sources have been previously estimated by SCAQMD to be approximately 1,000 in 1,000,000 west of the 215 Freeway and in excess of 1,500 in 1,000,000 east of the 215 Freeway.

10 UNCERTAINTY EVALUATION

The assumptions, procedures, and parameters used in this risk assessment are subject to various degrees of uncertainty. Uncertainty is inherent in the risk assessment process. The uncertainty analysis provides an understanding of the limitations in interpretation of the quantitative estimates of risk presented in this BHRA.

10.1 SAMPLE COLLECTION AND ANALYSIS

Environmental sampling and analysis error can stem from improper sample collection and handling procedures, inadequate sample numbers, laboratory analysis errors, and the statistical biases in the sampling due to heterogeneity of site soil. The use of standard techniques such as the collection of duplicates, and the use of triplicate and method blanks can be used to reduce the likelihood of errors. Errors in data analyses can occur from the simplest tabulation and typographical errors to complex interpretational errors. Matrix interferences due to the presence of high concentrations often raise the detection limits of other chemicals in the analytical procedure and introduce uncertainty in the method of data analyses.

The quantification of potential exposures is based on statistical summaries of environmental sampling results. In the case of reasonable maximum exposure (RME) conditions, the EPCs represented by the 95% upper confidence limit (UCL) concentration were used unless it was greater than the maximum concentration. In those cases, the maximum concentration was used to calculate the RME risk. These methods tend to add to the likelihood of overestimating risk.

10.2 EXPOSURE PARAMETERS

Exposure scenarios that incorporate the most likely Site-specific exposure pathways and represent the greatest potential for exposure were selected to evaluate potential exposure. Conservative assumptions consistent with State and Federal guidelines were used to quantitatively define the exposure scenarios. The methods and procedures contribute to an overall overestimation of potential exposure. Numerous conservative exposure assumptions were made in selecting the exposure parameters used in this assessment. Duration, frequency, and other input parameters were selected to overestimate exposure to the potentially exposed individual and are not an accurate portrayal of actual exposure. This is particularly true for the RME conditions; however, it is also true for the estimates of risk for the average exposure conditions. The quantitative effect of these uncertainties contributes to an overall overestimate of potential health risks.

The RME evaluation incorporates highly conservative assumptions that may represent an overestimate of exposure parameters and a corresponding overestimate of risk.

10.3 TOXICOLOGICAL DATA

Several aspects of the toxicological data employed in this BHRA contain a high degree of uncertainty that affects estimates of potential risk. These uncertainties arise in two primary areas. First, cancer slope factors (CSFs) used in this assessment were estimates representing the 95% UCL. This assumption means actual risks are likely to be lower than the risk estimates calculated in this assessment. Use of the 95% UCL CSF values is consistent with the approach of determining risk as indicated by CalEPA and the EPA.

Second, results of animal studies are often used to predict the potential human health effects of a chemical. Extrapolation of toxicological data from animal tests is one of the largest sources of uncertainty in the human health risk evaluation process. There may be important but unidentified differences in uptake, metabolism, distribution, and elimination of chemicals between test species and humans. Animal studies are usually conducted under high-dose conditions, whereas humans are rarely exposed to such high doses. The dose level itself may be responsible for the observed carcinogenic effects. Animal life expectancies tend to be less than two years, and assumed human life expectancy is 70 years.

In the absence of pathway-specific toxicological criteria, surrogate values were used in an effort to quantify the risk of potential adverse health effects. This type of surrogate-based calculation will provide estimates of risk that reflect a high degree of uncertainty. Although efforts have been made to use conservative assumptions in performing surrogation, the net effect to an estimate of risk is unknown.

10.4 UNCERTAINTIES ASSOCIATED WITH COMBINATIONS OF CONSERVATIVE ASSUMPTIONS

Uncertainties from different sources may be compounded in the risk assessment methodology. This evaluation followed State and Federal agency guidelines by consistently incorporating conservative assumptions in calculating risk. The overall effect of using conservative assumptions in each step of the risk assessment is likely to result in an overestimation of potential risk. Thus, evaluation results must be reviewed with an understanding of the uncertainties involved and how they effect risk estimations. The quantitative effect of the conservative nature of the uncertainties inherent in the methodology and procedures is emphasized by the EPA in the following statement: "The ... risk is characterized as an upper-

bound estimate, *i.e.*, the true risk to human, while not identifiable, is not likely to exceed the upper-bound estimate and in fact may be lower". Findings of insignificant risk may reflect conditions close to reality; however, findings of measurable risk may reflect conditions that result from the conservative nature of the evaluation.

11 CONCLUSIONS AND RECOMENDATIONS

11.1 CONCLUSIONS

This assessment found estimated potential risks do not exceed the EPA acceptable risk range (40 Code of Federal Regulations [CFR] 300.430(e)(2)(I)(A)(2); EPA, 1991) and identified no significant risks to the students at Ramona Alessandro Elementary School, the school staff, the Omnitrans staff, or to community residents.

The calculated estimates of risk identified in this HRA are contingent upon the available data base, evaluation assumptions, and procedures. The uncertainty inherent in the various risk assessment parameters is discussed in **Section 10**. These discussions are not merely caveats to the estimates of risk, but these parameters directly affect the estimated potential risk as calculated herein. There is an overall low degree of uncertainty that the potential health risks identified herein may be underestimated and an overall moderate to high degree of certainty that the potential health risk is likely to be overestimated (*i.e.* health protective).

In no case evaluated in this risk assessment did the estimates of potential cancer risk and noncancer HI for receptors based on fugitive emission from the sites exceed the California Environmental Protection Agency's (CalEPA) risk management range. No estimated potential risks based on fugitive emission from the sites exceed the United States Environmental Protection Agency (EPA) acceptable risk range (40 Code of Federal Regulations [CFR] 300.430(e)(2)(I)(A)(2); EPA, 1991). No significant risks to community members were identified in this evaluation.

Conclusions from the study include:

- Self-reported health status demonstrated a larger proportion of respondents reporting a decline in health (past five years) near the Metro station than the other two facilities. The specific cause of the self-reported decline in health is unknown. The reports of health status from all three communities surveyed were normally distributed. The health status for each community were not skewed indicating a negative health effect from the refueling stations (the health status in each community were not significantly different);
- There was no difference in the health status when a comparison was made between the sites even when the fuel types dispensed were taken into account;

-
- A survey of students, those living near the school and those living farther away from the Ramona Alessandro Elementary School, found that most students reported their health as fair to excellent.
 - A survey of staff from the Ramona Alessandro Elementary School, found that most reported their health as fair to excellent. Staff members who lived within ½ mile of the site responded that their health was either fair (n=10) or poor (n=2) and that their health had declined somewhat since starting work at Ramona Alessandro Elementary School. The responses from staff members living within ½ mile of the Omnitrans facility appear to have been coordinated or written by the same person, and are suspect;
 - Actual risk from emissions from the Omnitrans facilities are unlikely to exceed risk management guidelines set by U.S. EPA or California EPA;
 - The risks to community members from mobile sources emitting diesel particulate emissions exceeds all other risks from fugitive emissions of other sources in the area. According to the most recent SCAQMD study on mobile and stationary sources, the communities adjacent to the 5th Street and I Street stations are in a zone where the risk from mobile sources (I-10, I-215 Freeways) exceed 1,000 in 1,000,000 (SCAQMD, 2003).
 - The self-reported health status in each community has not been adversely impacted by the presence of the Omnitrans fueling facilities;
 - Multiple sampling events have failed to confirm continuing releases of natural gas used as fuel; and
 - Odor complaints generated after the removal of the compressed natural gas system appear to be related to the quarterly pump outs of wastewater sumps at the Metro facility.

11.2 RECOMENDATIONS

- Improve coordination with the San Bernardino Unified School District and in particular with the Ramona Alessandro Elementary School staff, to ensure that activities that may generate fugitive emissions at the Metro Station are limited and, or performed after school hours;
- Omnitrans continue to work with the involved communities to share information and provide opportunities to participate in planning of activities that may impact the community;
- Omnitrans create an “evergreen” information system, either through a web site or regular newsletter mailings to the community;
- Omnitrans should work with its service provides to ensure that appropriate odor abatement systems are in place prior to initiating any work at the Metro Station; and

-
- Omnitrans should continue to perform community outreach through regularly meetings and or newsletters.

12 CLOSURE

This HRA for the exclusive use of the parties involved as it pertains to the continued investigation of the Sites. Our professional services have been, and will be, performed using that degree of care and skill ordinarily exercised under similar circumstances by other professionals practicing in this field. No other warranty, express or implied, is offered as to any professional advice provided by Komex.

Any opinions and recommendations provided by Komex apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of any document prepared by Komex.

Respectfully submitted,
KOMEX

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APPENDIX A

SENATE BILL 1927

Senate Bill No. 1927

CHAPTER 602

An act to add Section 99165 to the Public Utilities Code, relating to transit.

[Approved by Governor September 15, 2002. Filed
with Secretary of State September 16, 2002.]

LEGISLATIVE COUNSEL'S DIGEST

SB 1927, Soto. Omnitrans: bus fueling stations.

(1) Existing law imposes various requirements on transit operators.

This bill would require the Omnitrans Joint Powers Authority to contract with an independent third party to prepare and submit to the Legislature and the Governor a report on the environmental and public health impacts of transit bus fueling stations located within its jurisdiction that are owned or operated by the authority. The bill would require the authority to hold at least one noticed public hearing in the vicinity of each bus fueling station for the purposes of soliciting input from persons who may be affected by those impacts, and to consult with the South Coast Air Quality Management District and other appropriate federal, state, local agencies, and community groups representing residents of the affected areas, in conducting the assessment. The bill would require the Omnitrans Joint Powers Authority to solely use state transit funds allocated to it or its member agencies pursuant to the State Transportation Assistance Program in order to comply with these provisions.

(2) The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that the Legislature finds there is no mandate contained in the bill that will result in costs incurred by a local agency or school district for a new program or higher level of service which require reimbursement pursuant to these constitutional and statutory provisions.

The people of the State of California do enact as follows:

SECTION 1. Section 99165 is added to the Public Utilities Code, to read:

99165. (a) For purposes of this section, “environmental and public health impacts” means those impacts that affect the health and environment of persons living, working, and attending school in the vicinity of a bus fueling station, including, but not limited to, impacts associated with nuisance odors.

(b) On or before July 1, 2003, the Omnitrans Joint Powers Authority shall contract with an independent third party to prepare and submit to the Legislature and the Governor a report on the environmental and public health impacts of transit bus fueling stations located within the jurisdiction of the authority and owned or operated by the authority. In conducting the assessment, the authority shall hold at least one noticed public hearing in the vicinity of each bus fueling station for the purposes of soliciting input from persons who may be affected by those impacts. The authority shall consult with the South Coast Air Quality Management District and other appropriate federal, state, local agencies, and community groups representing residents of the affected areas, in conducting the assessment.

(c) The Omnitrans Joint Powers Authority shall solely use state funds allocated to it or its member agencies pursuant to the State Transportation Assistance Program under Section 99313.3 in order to comply with this section.

SEC. 2. Pursuant to Section 17579 of the Government Code, the Legislature finds that there is no mandate contained in this act that will result in costs incurred by a local agency or school district for a new program or higher level of service which require reimbursement pursuant to Section 6 of Article XIII B of the California Constitution and Part 7 (commencing with Section 17500) of Division 4 of Title 2 of the Government Code.

APPENDIX B

SUMMARY OF PUBLIC MEETINGS



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ENVIRONMENT AND WATER RESOURCES

MEETING SUMMARIES FOR COMMUNITY MEETINGS HELD JULY 29TH, JULY 31ST, AND AUGUST 5, 2003

PREPARED BY:

KOMEX

11040 Santa Monica Blvd., Suite 300

Los Angeles, CA 90025

USA

Date: September 9, 2003

Project Number: 296-001

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1 INTRODUCTION

Three public meetings have been held to date to gather information from the communities living within ½ mile of three Omnitrans fueling stations. The three stations are located at 1700 West 5th Street, San Bernardino, 234 South I Street, San Bernardino, and 4748 Arrow Highway, Montclair, California. The stations located on West 5th Street (San Bernardino) and Arrow Highway (Montclair) dispense liquid to compressed natural gas (LCNG) and diesel fuel to buses using the facility. Unleaded gas is also dispensed to staff cars, vans and trucks. The station located on South I Street dispenses unleaded gasoline to buses using the facility.

Advertisements were run in local papers (Daily Bulletin, The Sun, and El Chicano) prior to the meetings. In flyers sent to residents located within ½ mile of each facility (total of 3,000) community meetings were advertised as an opportunity for “community members ... to meet Komex H2O Science staff and voice any concerns about the fueling facilities. Community input gathered at these meetings will be used to help determine the nature and extent of research prior to implementation.” Flyers in English and Spanish were sent to all residences located within a ½ mile radius of each facility. Flyers were also sent to local newspapers in the form of a media alert. The flyers notified residents that interested community members were invited to participate in public meetings regarding the potential environmental and public health impacts of Omnitrans bus fueling stations. The flyer further described that this effort was part of a study being conducted by project consultant Komex H2O Science, in compliance with Senate Bill 1927.

2 JULY 29, 2003 MEETING

The first meeting to update the community on the proposed project was held from 6:00 PM to 8:15 PM on July 29, 2003 at the Paul Villansenor Branch Library (525 North Mt. Vernon, San Bernardino). The meeting was hosted by James Clark of Komex, the principal investigator. Luis Castro from Komex was present to provide translation services to Spanish-speaking community members. Information provided by Komex to community members included a summary package that outlined the status of the study; the proposed scope and goals of the study; information received to date from the South Coast Air Quality Management District (SCAQMD), Omnitrans, and others; the definition of the study areas; the scheduling of the community meetings; a tentative timeline for the project; the proposed final work product; Dr. Clark's resume; and a mailing coupon for interested community members to supply questions or comments on the study to the principal investigator. In addition, copies of Komex's Statement of Qualifications and various brochures detailing Komex's capabilities, as well as poster size photographs of each study area, were available.

Komex did not have a sign-in sheet, a microphone for speakers, or wireless headsets for simultaneous translation at this meeting. Approximately 50 community members were present along with one representative of Omnitrans, Ms. Wendy Williams.

The meeting started with an introductory statement from Dr. Clark, the introduction of Mr. Castro and the offer to provide translation services, a review of the materials in the summary packets, and a description of how to contact Komex.

Questions and comments from the community members present at the meeting included:

- 1 A representative from the Center for Community Action and Environmental Justice [CCA EJ] and Westside Residents for Cleaner Air Now (WRCAN), Ms. Jan Misquez, asked why the principal investigator was proposing to survey more than the Omnitrans fueling stations. She further stated that the proposed scope of work from the principal investigator was not what Senate Bill 1927 (SB 1927) was supposed to address and that the intent of SB 1927 was to have an environmental impact report of each of the Omnitrans fueling stations.

RESPONSE: Comment noted.

- 2 Another representative from WRCAN asked whether The principal investigator was prepared to have a community representative accompany the surveyors.

RESPONSE: The principal investigator agreed that would be an appropriate step.

- 3 Ms. Misquez asked whether the meeting was being recorded or documented.
RESPONSE: Dr. Clark pointed out that notes were being taken and agreed to the suggestion that a tape recorder should be brought to all future meetings.
- 4 Were community members invited to the meetings?
RESPONSE: The principal investigator pointed out that residents within a ½ mile radius of each facility had been sent flyers in English and Spanish inviting them to attend any of the three scheduled meetings.
- 5 Was the principal investigator aware that the history between the community and Omnitrans went back as far as 1995? Was the principal investigator aware that promises made by Omnitrans, such as not expanding into the neighborhood and not using chemicals at the site, had been broken?
RESPONSE: The principal investigator is reviewing all available information regarding the history of the site but is tasked with measuring the public health and environmental impacts as detailed in its proposal to Omnitrans's RFP.
- 6 A speaker pointed out that there was no "historical memory" at Omnitrans and that in the speakers opinion, nothing had changed or improved.
RESPONSE: Comment noted.
- 7 The principal investigator was cautioned to not be reactive but rather to take a proactive stance in this investigation.
RESPONSE: Comment noted.
- 8 A representative from the San Bernardino School , Ms. Teresa Parra,, asked how the school was receiving information regarding the Omnitrans facility located at 1700 West 5th Street.
RESPONSE: The principal investigator stated that he was not aware of how the school was receiving information and that he would investigate the process.
- 9 A community member detailed his concerns about emissions from the Omnitrans Facilities. The community member held up a picture of his pet dog that he had been forced to euthanize due to dog's "unusual cancers". The community member had taken his dog to the San Bernardino Branch of the State of California's Animal Health and Food Safety Laboratory System located at 105 Central Avenue, San Bernardino, California. According to the community member the pathology report from the dog did not reveal the specific cause of the cancers. The community member further detailed how he has observed dead birds in the community and that he felt this was analogous to

canaries in a coalmine. He felt that the emissions from the facility, which he described as the “strong smell of garlic”, were the cause of the birds deaths.

RESPONSE: In a follow-up call to the San Bernardino Branch of the State of California’s Animal Health and Food Safety Laboratory System the veterinarian on duty stated that the details of each case are private unless written permission is provided by the animals owner. Furthermore, the veterinarian stated that the only information that could be provided would be a copy of the pathology report, which had been previously provided to the animal’s owner.

- 10 A member of WRCAN asked if the principal investigator would be willing to interview children from Ramona-Alessandro Elementary School.

RESPONSE: The principal investigator stated that it would seek the legal advice on this matter and that if there were no legal or ethical constraints would consider interviewing the students. The principal investigator stated that they would have an answer to the question by the August 5, 2003 meeting.

- 11 A member of WRCAN asked if the principal investigator would be willing to interview staff from Ramona-Alessandro Elementary School.

RESPONSE: The principal investigator stated that it would consider interviewing the staff and would contact the school’s Principal Mr. Jack Oates.

- 12 Would The principal investigator be willing to use Ramona-Alessandro Elementary School as a site for a future meeting?

RESPONSE: The principal investigator stated that they would check to see if that was a possibility.

- 13 Ms. Jan Misquez restated her position that SB1927 was intended to fund an Environmental Impact Report of the facilities and that the scope of work proposed by The principal investigator did not meet the requirements of the bill. She further stated that the residents are still feeling the effects of past exposures to emission from the West 5th Street facility.

RESPONSE: Comment noted.

- 14 A community member asked how long Omnitrans personnel have been involved in the project. Ms. Williams stated that she had been with Omnitrans for the last ten years and had been actively involved in issues surrounding emissions from the facility from the beginning.

- 15 A community member asked since the principal investigator was a third party how come previous issues had not been addressed?

RESPONSE: Komex has been retained to evaluate the potential public health and environmental impacts of emissions from the Omnitrans facilities as per Senate Bill 1927. Komex cannot comment on issues outside that scope of work.

- 16 A community member stated that they did not need a professional opinion to know that their health effects were due to emissions from the Omnitrans facilities.

RESPONSE: Comment noted.

- 17 A community member asked who Komex's clients were.

RESPONSE: Komex stated that its clients included school districts, municipalities, and parties with environmental problems.

- 18 Community members asked who was paying for the study and what was the time frame for completion of the study. .

RESPONSE: The principal investigator stated that Omnitrans is paying for the study, per the requirements of SB 1927, and reviewed the schedule provided in the summary packets.

- 19 A community member stated that students at Ramona-Alessandro Elementary School have developed rashes and that once the student transfers from the school or no longer attends the school the rashes disappear.

RESPONSE: Comment noted.

- 20 A community member stated that they were aware of friends whose children were transferred out of Ramona-Alessandro Elementary School and no longer had health issues.

RESPONSE: Comment noted.

- 21 Another speaker pointed out that they were aware of several parents who had removed their children from Ramona-Alessandro Elementary School and placed them in other schools in the District.

RESPONSE: Comment noted.

- 22 A community member asked whether doctor's papers would be necessary.

RESPONSE: The intent of the public health study is to measure the symptoms and perceived effects within the community. No doctor's confirmed diagnosis is necessary at this time.

- 23 A speaker asked why children were still playing on the fields at Ramona-Alessandro Elementary School.

RESPONSE: A speaker noted that there were “housing issues” at the school and that children needed to use the fields from time to time.

- 24 A speaker asked whether the air in the community could be considered clean since Omnitrans is the largest liquid natural gas fueling station in the world. The speaker further noted that they could not hear alarms from the facility and that the facility was a source of a great deal of noise.

RESPONSE: Comment noted.

- 25 A community member stated that they hear “explosions” after midnight coming from the Omnitrans facility. The “explosion” is normally followed by a hissing sound.

RESPONSE: Comment noted.

- 26 A community member asked what the conclusions of the report would be. The speaker also pointed out that there were a large number of flies in their backyard, which they attributed to the presence of the Omnitrans facility.

RESPONSE: The conclusions of the report cannot be predicted prior to performing the study. The presence of the flies is noted and will be included as a portion of the environmental study.

- 27 A speaker asked whether the survey of other businesses in the ½ mile radius of the Omnitrans facilities would dilute Omnitrans’ responsibility.

RESPONSE: The intent of the study is to determine the public health and environmental impacts of all emission sources near the facility. This holistic approach will not dilute Omnitrans’ responsibility but will provide the community with a complete picture of the emission sources potential affecting the community.

- 28 A community member asked when the community would receive the report. Prior to Omnitrans receiving the report or after Omnitrans received the report.

RESPONSE: All stakeholders will receive the report at the same time.

- 29 A speaker pointed out that the City of San Bernardino will not let you open a bar without permission but they allowed Omnitrans to open their facilities. The speaker further pointed out that Omnitrans was given an unconditional use permit back in the 1970’s.

RESPONSE: Comment noted. According to Omnitrans prior to installation of natural gas fueling equipment at the 5th St. site, Omnitrans met the requirements of the California Environmental Quality Act (CEQA) which included a neighborhood notification by mail.

30 A speaker stated that the Environmental Protection Agency (EPA) and the South Coast Air Quality Management District (SCAQMD) were permitting Omnitrans to release low levels of pollutants.

RESPONSE: The speaker is correct that Omnitrans is a permitted facility under EPA and SCAQMD oversight.

31 A speaker stated that the community feels scarred by Omnitrans.

RESPONSE: Comment noted.

32 A community member asked whether the principal investigator would be willing to be in the community late at night (02:00) to survey what they live with.

RESPONSE: The principal investigator stated that it could survey late at night.

33 Jan Misquez (from CCAEJ and WRCAN) stated that this study was the first step in getting Omnitrans out of the community.

RESPONSE: Comment noted.

34 A speaker asked whether the bid process was open and how many bids had been received.

RESPONSE: Ms. Williams (from Omnitrans) stated that the process was open and that two bids had been received.

35 Jan Misquez (from CCAEJ and WRCAN) stated that they had only 2 days to respond to the bid process and they therefore declined to participate in the selection of the consultant for the study.

RESPONSE: Comment noted.

36 A speaker asked if Omnitrans would be aware of when the sampling would be performed.

RESPONSE: The principal investigator stated that the time, duration, and manner of the sampling had yet to be determined so it could not be stated whether Omnitrans would be notified prior to the sampling.

37 A community member that has worked at the local rail yard for the last 26 years stated that when he lived near the school for 2 years he was subject to dizzy spells, nausea, and nose bleeds. The speaker stated that early one morning he witnessed green vapors in the street. After moving closer to the rail yard his health problems resolved.

RESPONSE: Comment noted.

38 A speaker noted that there were no health problems in the community until Omnitrans moved to the neighborhood.

RESPONSE: Comment noted.

- 39 A speaker asked what are the parameters of the site(s).

RESPONSE: The study will attempt to measure emissions from all businesses (including the Omnitrans facilities) within a ½ mile radius of each Omnitrans facility to determine the pollutants in the communities. In addition, the health survey will attempt to measure the symptoms and health effects reported by the community. The study will further attempt to determine if there is a relationship between the emissions and the self-reported health effects.

- 40 A community member asked why Omnitrans continues to use LNG.

RESPONSE: According to records from Omnitrans reviewed by the principal investigator, under federal and state clean air requirements Omnitrans is encouraged/mandated to use alternative fuels to reduce criteria pollutant emissions. According to the SCAQMD, *criteria air pollutants* that are known to cause human health impacts due to their release from numerous sources. The criteria pollutants include: ozone (O₃), particulate matter (PM₁₀), carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO₂), and sulfur dioxide (SO₂). Emissions from stationary and mobile sources (primarily older model gasoline burning and diesel vehicles) are known to emit or contribute to the formation of criteria pollutants. SCAQMD Rule 2202 requires transit agencies to purchase natural gas powered vehicles.

- 41 A speaker noted that they had observed people walking behind an Omnitrans bus in full chemical suits approximately 2 years ago. The bus exited the facility and proceeded down Tijuana Avenue.

RESPONSE: Comment noted. The principal investigator is trying to determine whether the scenario described above was part of the previous investigations performed at the site. A representative from Omnitrans stated that Omnitrans has no knowledge of this event.

- 42 A community member noted that they hear the pressure relief valve(s) at the Omnitrans facility releasing gas in the afternoon and at night.

RESPONSE: Comment noted.

- 43 A speaker asked whether Omnitrans is fueling buses for other transit groups from Victor Valley. The speaker also asked whether Omnitrans is buying homes in the area immediately around the West 5th Street facility. Lastly, the speaker stated that there were a number of traffic issues related to having buses running through the neighborhood.

RESPONSE: Comments noted. Omnitrans fuels 3 CNG buses from VVTA on weekdays.

44 A speaker stated that a bus had scrapped a turn on 7th Street.

RESPONSE: Comment noted.

45 A speaker asked whether the principal investigator would take a member of WRAN or CCAEJ with them when the health survey was performed.

RESPONSE: The principal investigator had previously agreed that taking a member of WRAN or CCAEJ would be advisable.

46 A speaker summarized the major points/questions of the meeting:

- Would a list of survey questions to the community and business be available for review?
- Would the survey be available for review?
- Would former students of the Ramona-Alessandro Elementary School be interviewed? The speaker asked whether students who do not live in the ½ mile radius of the school would be interviewed.
- Would a microphone and tape recorder be brought to future meetings?
- Will the staff and principal of the Ramona-Alessandro Elementary School be interviewed.
- Will flyers be sent to parents of students at Ramona-Alessandro Elementary School regarding the study.
- Will flyers for parents of students at Ramona-Alessandro Elementary School be translated to Spanish.
- Will former students of Ramona-Alessandro Elementary School be interviewed if the parents permission can be obtained.
- Will Spanish translations of materials be available at future meetings.

RESPONSE: Comment noted.

3 JULY 31, 2003 MEETING

The second meeting to update the community on the proposed project was held from 6:00 PM to 8:00 PM on July 31, 2003 at Montclair's City Hall in the **Council** Chambers (5111 Benito Street, Montclair). The meeting was hosted by James Clark of Komex, the principal investigator. Luis Castro from Komex was present to provide translation services to Spanish-speaking community members. Information provided by Komex to community members included a summary package (in English and Spanish) that outlined the status of the study; the proposed scope and goals of the study; information received to date from the SCAQMD, Omnitrans, and others; the definition of the study areas; the scheduling of the community meetings; a tentative timeline for the project; the proposed final work product; Dr. Clark's resume; a mailing coupon for interested community members to supply questions or comments on the study to the principal investigator; and a copy of Senate Bill 1927. In addition, copies of Komex's Statement of Qualifications (in English and Spanish) and various brochures detailing Komex's capabilities, as well as poster size photographs of each study area, were available.

Only three community members (Marilyn Alcantar, Teresa Lopez, and Louise Morana of WRAN) were present along with one representative of Omnitrans, Mr. Durand Rall.

No formal presentation was given since the three community members had been present at the last meeting. Audio tape recording equipment and Spanish translation equipment available at the time of the meeting.

4 AUGUST 5, 2003 MEETING

The third meeting to update the community on the proposed project was held from 6:00 PM to 8:00 PM on August 5, 2003 at the Paul Villansenor Branch Library (525 North Mt. Vernon, San Bernardino). The meeting was hosted by James Clark of Komex, the principal investigator. Luis Castro from Komex was present to provide translation services to Spanish-speaking community members. Information provided by Komex to community members included a summary package (in English and Spanish) that outlined the status of the study; the proposed scope and goals of the study; information received to date from the SCAQMD, Omnitrans, and others; the definition of the study areas; the scheduling of the community meetings; a tentative timeline for the project; the proposed final work product; Dr. Clark's resume; a mailing coupon for interested community members to supply questions or comments on the study to the principal investigator; and a copy of Senate Bill 1927. In addition, copies of Komex's Statement of Qualifications (in English and Spanish) and various brochures detailing Komex's capabilities, as well as poster size photographs of each study area, were available.

Approximately 25 community members were present along with one representative of Omnitrans, Ms. Wendy Williams. The meeting was tape recorded by Komex and videotaped by a representative of WRAN. Representatives from the San Bernardino City Council office (sorry no name), Congressman Baca's office (Jesse Valenzuela), Assemblymember Longville (Eldred Marshall), and Senator Soto's office (Francis Vasquez) were present in the room.

The meeting started with an introductory statement from Dr. Clark, the introduction of Mr. Castro and the offer to provide translation services, and a request from Dr. Clark for the representatives of elected officials to address the community members present at the meeting. Representatives of elected officials were given an opportunity to address the community members.

The first representative (from Senator Soto's office, Ms. Francis Vasquez) stated that the process was being followed by the officials and that the study process itself was a very good thing. The representative from Congressman Baca's office stated that the Congressman was following what had been going on with a great deal of interest. The other representatives declined to speak initially.

Before the formal presentation, the principal investigator read the contents of Senate Bill 1927 which states in Section 99165 (a) For the purposes of this section, "environmental and public health impacts" means those impacts that affect the health and environment of persons living,

working, and attending school in the vicinity of a bus fueling station, including but not limited to, impacts associated with nuisance odors.

Section 99165 (b) that on or before July 1, 2003, the Omnitrans Joint Powers Authority shall contract with an independent third party to prepare and submit to the Legislature and Governor a report on the environmental and public health impacts of transit bus fueling stations located within the jurisdiction of the authority and owned or operated by the authority. In conducting the assessment, the authority shall hold at least one noticed public hearing in the vicinity of each bus fueling station for the purposes of soliciting input from persons who may be affected by those impacts.

The principal investigator noted that this was the third meeting, and that the first meeting was very well attended while the second meeting was attended well by the Westside Residents only.

Komex asked that community members not present at previous meetings be allowed to speak first. Questions were asked for and none given.

Komex reviewed the outstanding issues from the last meetings.

- 1 A microphone was in place and a tape recorder was present to record the nights meeting. Notes from all three meetings were to be prepared and submitted back to the stakeholders to ensure comments/concerns were being addressed.
- 2 Translation services were being provided by Komex through 20 wireless headsets. No community members availed themselves of the headsets during the meeting.
- 3 The potential for interviewing past and present students was addressed. Komex had contacted internal and external counsel, as well as the San Bernardino District Attorney (DA) responsible for Juvenile Affairs, to get a legal opinion on interviewing students. The information received from internal and external counsel is that if interviews are conducted with the permission of the parents and the parents are present, it is appropriate. Advice from counsel included getting agreement from the DA since they deal with matter related to minors most frequently. Komex is still waiting for a response from the DA. If the DA agrees and they can provide the questioning format that is appropriate, the study will try to include interviews of past and present students.
- 4 Coordination with the San Bernardino School District needs to be done prior to the scheduling of any meeting at the school and the potential interviewing of students.
- 5 In regards to the ecological effects noted in the first meeting, specifically the ill dog and dead birds in the community, several attempts were made to contact the San Bernardino Branch of the State of California's Animal Health and Food Safety Laboratory System. A

veterinarian on duty stated that the details of each case are private unless written permission is provided by the animals owner. Furthermore, the veterinarian stated that the only information that could be provided would be a copy of the pathology report, which had been previously provided to the animal's owner.

- 6 The last item prior to the open discussion was the odor complaint logged against Omnitrans on August 1, 2003. On August 1, 2003 at approximately 2:15 PM, Marilyn Alcantar called to inform Komex that a gas leak had occurred at the Omnitrans facility at approximately 11:30 AM and lasted for approximately 15 or 20 minutes. The SCAQMD had been present at the school site and according to Ms. Alcantar, the SCAQMD inspector determined that the source of the odor was sludge at the facility since the odor appeared to be hydrogen sulfide. According to Ms. Alcantar, parents present at the school during this time reported that the odor smelled like natural gas. Additionally, another inspector from SCAQMD informed Ms. Alcantar that SCAQMD had been notified that work was proceeding at the 5th Street Station. She inquired as to why the School had not been notified. Additionally, Ms. Alcantar stated that the testing equipment at the School did not function and that the school personnel had to review the operations manual before they could determine how the equipment functioned.

According to Omnitrans, the August 1, 2003 odor complaint was caused by the quarterly (once every three months) pump out of clarifier tanks at the West 5th Street facility. The clarifiers collect wastewater and run-off from Omnitrans' bus wash, fuel island and bus yard. Omnitrans is required by EPA to capture the wastewater. The wastewater has an odor similar to sewer gas. To control the odor, Omnitrans puts enzymes in the tanks weekly to minimize odor build up.

According to Omnitrans, on August 1, 2003 a vendor arrived at 5 a.m. to pump out the clarifier tanks. As per procedure, SCAQMD was notified of the pump out prior to the vendor arriving onsite. This task is typically completed prior to 7 AM., however on August 1, 2003, the vendor was unable to complete the task with the 2 trucks sent that day. They had to leave, dump one truck and return to complete the task at approximately 11:30 AM.

Since SCAQMD had been notified of the pump-out, SCAQMD Inspector Frederico Graglia was on-site on August 1, 2003. According to Omnitrans, at the time of the pump-out, no odor was detected more than a few feet away from the storage tanks. After a complaint call later in the day, the inspector returned to Omnitrans and again did not detect an odor beyond a few feet from the tanks.

Additionally, SCAQMD chemist R. Dominguez was at the monitoring station located at Ramona-Alessandro Elementary School. Mr. Dominguez noted that he detected an odor, which he described as not smelling like natural gas or methyl mercaptan, at approximately 11:50 AM. He was unable to collect an air sample at that time because the equipment did not work.

The inspector advised Omnitrans to contact the school about the odor complaint. This was done by Omnitrans Maintenance staff. Omnitrans did not contact the school in advance because it was originally anticipated that the task would be complete prior to school hours. Omnitrans agreed that they should have contacted them prior to the vendor returning at 11:30 to complete the task.

On August 5, 2003, SCAQMD staff members Graglia and Dominguez returned to the West 5th Street station to further inspect and collect air samples from the clarifier holding tanks. Inspector Graglia indicated that of the odor complaints received by SCAQMD, all but one described the odor as natural gas. Another person said that they had detected two separate odors: one described as natural gas and the other described as something dead. This second odor appeared to last only a very short time. Mr. Dominguez stated that the odor he detected on August 1, 2003 was the same odor he could detect from the open clarifier. A grab sample of air from inside the clarifier holding tanks measured hydrogen sulfide at a concentration of approximately 39 parts per billion (ppb). The odor threshold, or the lowest concentration at which hydrogen sulfide is normally detected, is approximately 8 to 10 ppb.

Questions and comments from the community members present at the meeting included:

- 1 A representative from the Center for Community Action and Environmental Justice [CCA EJ] and Westside Residents for Cleaner Air Now (WRCAN), Ms. Jan Misquez, asked if the clarifier system is tested prior to the clean-outs/pump-outs.

RESPONSE: According to Omnitrans, the pumping of waste water is not regulated by the SCAQMD with the exception of any odors that might be generated as a result of the pumping operation. The EPA (Federal and California Agencies) require that all materials deposited into a waste water outflow be tested or characterized by type and hazard to ensure proper handling, disposal and regulatory compliance with local, state, and federal waste water regulations.

The chemicals and other substances that enter the clarifier are identified on the Agency's Business and Emergency Contingency Plan on file with the County Fire Department HAZMAT Division, it is a matter of record as to what Omnitrans is placing into the

clarifier (sewer) system. The clarifier waste stream is sampled on a scheduled basis by the City of San Bernardino Water Department and copies of the sampling are on file with that Department. Omnitrans' contractor conducts waste stream sampling as necessary in compliance with local, state, and federal regulations. The Agency's Hazardous Materials Disposal Service has a baseline sample of all waste streams requiring sampling and periodically updates this baseline to validate compliance with hazardous waste regulations. Sampling is also conducted when ever new chemicals or substances are deposited into the clarifier system. At the present time the waste water within the clarifiers and subsequently being deposited into the industrial sewer system is classified as a non-hazardous waste product.

- 2 A representative from WeCAN, Ms. Marilyn Alcantar, provided copies of three different e-mails from Bob Rodemeyer of Omnitrans to the staff at the Ramona-Alessandro Elementary School (from the year 1999 and 2000) that discussed among other things the quarterly clarifier pump-outs. Ms. Alcantar read several excerpts including "This clean out operation has resulted in occasional discharges of odor (sewer gas) similar to the smell of natural gas odorants. I have requested that this operation be performed as early or late as possible so as not to be performed during the schools lunch period. This precaution should help prevent any unplanned or accidental discharge of odor during the lunch hour" (January 7, 2000 e-mail); "The contractor was reminded of our agreement to notify neighbor's prior to performing such activities in the future" (November 19, 1999 e-mail);

RESPONSE: Comment noted. This information will be included in the history section of the report.

- 3 Ms. Miquez asked whether there would be more public meetings.

RESPONSE: The principal investigator commented at the time of the meeting that it would try to find a way within the budget constraints to have more meetings because they are valuable. The community's input is extremely valuable to the report process.

- 4 Ms. Miquez felt that the Spanish-speaking members of the community had been discouraged by the last meeting and were not attending the current meeting.

RESPONSE: The principal investigator apologized for the perception and encouraged the community members present to share all of the information with those community members who were not present.

- 5 A community member asked whether Komex would be performing any air sampling in the near future.

RESPONSE: The principal investigator stated that no testing was currently being performed. The schedule of the study was reviewed with the community members present to detail the steps and the goals of study.

- 6 A community member asked whether the health survey was to be limited to residents within a ½ mile radius of each of the facilities.

RESPONSE: The survey will be limited to residents within a ½ mile radius of each site. The analysis of the survey will include a breakdown of the demographics of the community (distance from site, age, gender, etc...) that will be useful in defining relations between exposure and reported symptoms.

- 7 A speaker asked whether a lung testing or blood sampling would be performed.

RESPONSE: No physiological sampling will be performed in this study.

- 8 A representative from WRAN inquired why physiological sampling was not being performed since this was a health survey and couldn't the scope of work be modified to include that type of sampling in lieu of the emission inventory of local businesses. Why couldn't a physician be brought in to perform those tests?

RESPONSE: The proposed study by Komex was designed to fulfill the scope of work outlined in Omnitrans' Request For Proposal ADMN03-1 released on February 4, 2003.

- 9 A speaker asked since the most frequently raised issue related to breathing difficulty of children, would children at the school or in the community be interviewed on their breathing problems and what type of information is expected.

RESPONSE: The principal investigator stated that he did not want to pre-determine the types of information that would come out of interviews or the results of the study.

- 10 A representative of WRAN asked whether there had been studies to determine what the health effects of long-term exposure to natural gas on children.

RESPONSE: The principal investigator stated that most studies on exposure to natural gas or methane have focused on workplace exposures to high concentrations of gas. A review of available literature from databases served by the National Library of Medicine (NLM) revealed only one study of a community exposed to sour gas (natural gas containing hydrogen sulfide) in Canada (Sptizer, WO et al., (1989). Chronic Exposure to Sour Gas Emissions: Meeting a Community Concern with Epidemiologic Evidence. Canadian Medical Association Journal, Vol. 141(7): 685-691) . According to the study abstract "An excess in the number of symptoms and health problems was reported by those living currently in the area, but no significant differences were observed in

mortality rate, incidence of cancer, reproductive problems, major ailments, hair levels of arsenic (7440382) or other metals, or respiratory function.”

- 11 A representative of WRAN asked how the study would be able to attribute specific symptoms within the study area with exposure to emissions from the Omnitrans facility.

RESPONSE: Symptoms and health effects reported by community residents will be grouped into blocks representing discrete areas within each study area. A statistical analysis will be performed to determine relationship of the types of symptoms and health effects reported with the distance from the fueling station.

- 12 A speaker asked whether the principal investigator performed environmental impact studies.

RESPONSE: The principal investigator stated that he specializes in toxicology and health risk assessments not environmental impact reports.

- 13 A speaker asked whether the principal investigator had performed this type of study before.

RESPONSE: The principal investigator stated that he had been part of a large regional study of health effects from air pollutants as well as assessments of schools that had been built near or over oil wells.

- 14 A speaker asked whether Komex had obtained school written, nursing logs to evaluate symptoms.

RESPONSE: Copies of school nursing logs have been provided by the stakeholders (Omnitrans and CCAEJ) that do not have personal information. The types of symptoms reported by children are noted along with the date.

- 15 A speaker asked where the source data was coming from. The speaker requested that data school nurse log data be collected from other schools in the district and a comparison of symptoms reported be performed.

RESPONSE: Data is being provided by the stakeholders including studies performed for Omnitrans, complaint logs from SCAQMD, school nurse logs, and other information from WRAN. The primary source of data will be the responses from the community survey.

- 16 A speaker asked if the study was going to include students that live outside the ½ mile radius. The speaker noted that many of the students are bused in and the potential health impacts on this group could be missed without the participation of the school district.

RESPONSE: The study will attempt to work with the school and school district to get as much of that information as possible.

- 17 A speaker asked what school safety policy was regarding Omnitrans.

RESPONSE: Komex will attempt to document what the procedure is for the school by working with the school and school district. A representative from WRAN pointed out that there had been no policy in place at the school and that they helped develop one to prevent the children from being exposed.

- 18 A speaker noted that their child used to attend Ramona-Alessandro Elementary School and had a number of health problems (breathing problems). After their child left the school the problems resolved and when the child goes back to the area near the school he becomes ill. The child is no longer allowed near the school or the Omnitrans facility. The speaker stated that what Omnitrans was doing was abuse.

RESPONSE: Comment noted.

- 19 A speaker pointed out that the Omnitrans facility on West 5th Street is in a residential neighborhood while the other facilities are in industrial areas. The facility is across from a school and they hoped that the outcome of the study had not already been determined.

RESPONSE: Comment noted. No outcomes or conclusions have been made or will be made until the end of the study.

- 20 A speaker asked whether SCAQMD had a role in the study.

RESPONSE: SCAQMD is supplying information but Omnitrans is paying for the study as outlined in SB 1927. SCAQMD also participated in vendor selection/evaluation.

- 21 A speaker asked if Omnitrans would get the report first since they are paying for it.

RESPONSE: The report will be provided to all stakeholders (CCAIEJ and Omnitrans) at the same time.

- 22 A speaker asked how the study came to be.

RESPONSE: A representative from WRAN stated that Omnitrans should have done an EIR prior to construction of the West 5th Street. SB 1927 stated that Omnitrans would have to pay for the study out of already existing funds. According to the WRAN representative, Omnitrans got the money from SANBAG.

- 23 A speaker stated that they did not trust Omnitrans to fix the problems and wanted the “60,000 gallon bomb” out of there. According to the speaker, Mr. Rall admitted that toxic gas was being emitted from the facility. In addition, the speaker noted that in the past three years the principals at Ramona-Alessandro Elementary School were lemons and did nothing to protect the children at the school. According to the speaker, the

current principal did not know how to use the monitoring instrument and had to rely on the room aid to try to work it. The speaker suggested that the principal should be able to use the monitoring equipment and should be able to provide instruction to the staff on how to work it.

RESPONSE: Comment noted.

- 24 A community member related how their children go to Ramona-Alessandro Elementary School and that all three their children have asthma even though they did not. The speaker stated that this was the first time that they were aware that there was a problem with Omnitrans. The speaker stated that Omnitrans should do something about the problem for the children.

RESPONSE: The principal investigator pointed out that they were not a representative of Omnitrans and that Komex was retained to evaluate the issues related to pollutants in the area.

- 25 A speaker asked what could be expected if a person were to sit down everyday and breath the gas potentially being emitted by Omnitrans.

RESPONSE: For short-term acute (high concentration) exposures in a confined space, an exposed individual is likely to pass out due to the displacement of oxygen. What is of more concern is low exposures. Large exposures are typically harmful. The question becomes what is the lowest dose or concentration that someone can be exposed to without harm. Much of the science of toxicology focuses on determining that lowest concentration.

- 26 A speaker asked given by the earlier speaker what advice could be given to community members regarding their health.

RESPONSE: Seek medical care for your family and to provide your physician with as much information as possible to work with. To keep informed with the community and to follow the study since it is an open process.

- 27 A speaker asked whether the study would consider bringing a bus to a central area much like a fair, where people could come to the investigators rather than having a stranger walking through the neighborhood. Another speaker asked whether blood is drawn from a target group and levels of toxins are higher in one group over another, that is a true test.

RESPONSE: The suggestions are noted and beyond the scope of work agreed to at Senator Soto's office.

- 28 A speaker asked whether there is a predetermined outcome for the study based upon acceptable levels of pollutants for the community.
RESPONSE: No outcome has been determined for the study.
- 29 A speaker commented that the answers given by the principal investigator are evasive and bureaucratic and meant to protect Omnitrans. The speaker felt that what was happening was environmental terrorism.
RESPONSE: Comment noted. Komex is an independent contractor hired to perform the study and does not represent Omnitrans.
- 30 A speaker asked whether the survey will go to every door in the neighborhood and will every parent at the school be informed
RESPONSE: Every residence in the neighborhood within ½ mile of each facility will be surveyed and attempts will be made to include day students in the study.
- 31 A speaker asked how far back the study would review school nursing logs.
RESPONSE: Komex will attempt to obtain records back as far as possible (including records prior to the construction of the Omnitrans facility).
- 32 A speaker noted that every time a truck comes to perform a pump-out of the clarifier, should the neighborhood expect this type of leak every quarter. According to the speaker, no one had informed the school even though agreements in the past stated that they would do so and that Omnitrans was not being a good neighbor. The speaker further stated that one employee of the school was sent home (she is pregnant) after the incident on August 1, 2003 and that Omnitrans needed to be responsible.
RESPONSE: Comment noted. The representative from Komex restated that they cannot and will not speak for Omnitrans. The information provided by the community will be included in the report. The representative from Komex stated that they could not speak to the issue of notification. A representative from Omnitrans was present and question related to communication needed to be addressed by Omnitrans' representative.
- 33 A speaker related how they had grown up in the neighborhood near Ramona-Alessandro Elementary School and that her family had attended the school. The speaker stated that she felt a strong attachment to the school.
RESPONSE: Comment noted.
- 34 A speaker from WRAN noted that prior to the use of natural gas there were no complaints from the neighborhood or school related to Omnitrans.
RESPONSE: Comment noted.

- 35 A speaker who lives near the West 5th Street facility detailed how odors are drawn into the air conditioning at her house.
RESPONSE: Comment noted. The speaker said that they would be willing to participate in the survey to detail the conditions at her house.
- 36 A speaker asked the investigator to ask her daughter what she had been told was the reason why students could not go outside on August 1, 2003.
RESPONSE: The speaker's daughter stated that the principal said it was too hot.
- 37 A speaker asked why they are lying about the potential exposure of the children.
RESPONSE: The principal investigator will inquire as to the types of information being transmitted to the children and parents of the school
- 38 A speaker related her experience with emissions from the Omnitrans facility. The speaker smelled an "awful smell" while driving to a friend's house near the Omnitrans facility and was told by a resident that the smell was gas from Omnitrans. The speaker related that her tongue tingled, the inside of her mouth was numb, her nose was numb, her head started hurting, and her eyes started tearing. The speaker expressed concern for the children of the school and the neighborhood and was concerned that results of the study would not be taken seriously. The speaker noted that the neighborhood is aware of what is happening to them and that they do not believe the problem is being addressed.
RESPONSE: Comment noted. The speaker was asked to write her experience down (which she did) so that it could be included in the study
- 39 A speaker asked if the experience of visitors (family, friends, etc...) could be included in the study.
RESPONSE: If visitors are willing to sit down with the investigator then their experiences will be documented.
- 40 A speaker asked who is doing the EIR.
RESPONSE: The speaker was reminded that there is no EIR that the SB 1927 requires a public health and environment assessment and that the scope of work proposed was agreed to by Senator Soto in a letter on April 23, 2003.
- 41 A speaker asked whether the investigator was aware that the City of San Bernardino and the San Bernardino School Board has given Omnitrans resolutions that request Omnitrans move their fueling site. The speaker further related that Omnitrans has not been a good neighbor and that they need to move.

RESPONSE: At the time of the meeting, the principal investigator was not aware of the resolutions and WRAN has provided copies for review. The concerns of the neighborhood are being documented and included in the report.

5 CLOSURE/LIMITATIONS

Our services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by reputable, qualified environmental consultants practicing in this or similar locations. No other warranty, either expressed or implied, is made as to the professional advice included in this report. These services were performed consistent with our agreement with our client.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We do not warrant the accuracy of information supplied by others or the use of segregated portions of this report.

Respectfully submitted,

James Clark, Ph.D.

APPENDIX C

LOCAL AREA SURVEY RESULTS

SITE ID	NAME	COORDINATES
1	Pep Boys Arrow Highway? Montclair, CA	

Operation	Autorepair 08:00 to 20:00 M through S
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Temporal Profile	Hrs	Days	Wks
	12	7	52

Material/Equipment

Safety Kleen Degreaser	Gunk Brake Cleaner	Gunk Carb Medic
1 gal/mo	3 gal/mo	3 gal/mo
VOC 7.5 lb/gal	VOC 7.5 lb/gal	VOC 7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	7.5
Agent 2	22.5
Agent 3	22.5
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	52.5 lb/mo
	0.144231 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.02
	Xylene	0.55	4.125	0.08
	Acetone	0.16	1.2	0.02
	Methyl Alcohol	0.12	0.9	0.02
	2-Butoxyethanol			
	Others	0.2	1.5	0.03
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.19
	Ethyl Benzene	0.1	2.25	0.04
	Xylenes	0.45	10.125	0.19
Gunk Brake Cleaner	2-Propanone	0.8	18	0.34
	Carbon Dioxide	0.13	2.925	0.06
	Toluene	0.07	1.575	0.03
Total		SUM	52.425	1.00

SITE ID	NAME	COORDINATES
2	Counter Tops By Heartwood	
	5063 Arrow Highway	
	Montclair, CA	

Operation	Woodfinishing
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Denatured Alcohol		Adhesives	
0.083333 gal/mo			gal/mo
VOC	lb/gal	VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	0
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	0 lb/mo
	0 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	0	#DIV/0!
	Toluene	0.55	0	#DIV/0!
	Acetone	0.16	0	#DIV/0!
	Butyl Benzly Phthalate	0.12	0	#DIV/0!
Thinner	Isopropanol	0.2	0	#DIV/0!
	VM&P Naphtha	0.2	0	#DIV/0!
	Toluene	0.25	0	#DIV/0!
	Ethyl Benzene	0.05	0	#DIV/0!
	Xylene	0.1	0	#DIV/0!
	Isobutyl Alcohol	0.1	0	#DIV/0!
	Acetone	0.1	0	#DIV/0!
Total		SUM	0	#DIV/0!

SITE ID	NAME	COORDINATES
3	Firestation	

Montclair

Operation	Firestation
	00:00 to 24:00 S through S

Temporal Profile	Hrs	Days	Wks
	24	7	52

Material/Equipment

Gasoline	800 gal/mo	Diesel	300 gal/mo	Safety Kleen Degreaser	1 gal/mo	Cleaning Solvent	0.5 gal/mo
Pounds TOG	1.775 lbs/1000 gal		1.775 lb/hr	VOC	7.5 lb/gal		7.5 lb/gal
Emissions	0.001951 lbs/hr						

Emissions

Average Monthly/Hourly

Gasoline	1.42
Diesel	0.5325
Degreaser	7.5
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	166.712 lb/mo
	0.229 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gasoline				
Diesel				
Degreaser	Toluene	0.17	0.2414	#DIV/0!
	Xylene	0.55	0.781	#DIV/0!
	Acetone	0.16	0.2272	#DIV/0!
	Methyl Alcohol	0.12	0.1704	#DIV/0!
	2-Butoxyethanol			
	Others	0.2	0.284	#DIV/0!

SITE ID	NAME	COORDINATES
4	Grease Monkey	

Montclair, CA

Operation	Oil and Lube
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Temporal Profile	Hrs	Days	Wks
	10	7	52

Material/Equipment

Safety Kleen Degreaser	13 gal/mo
VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	97.5
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	97.5 lb/mo
	0.321429 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	16.575	0.17
	Xylene	0.55	53.625	0.55
	Acetone	0.16	15.6	0.16
	Methyl Alcohol	0.12	11.7	0.12
	2-Butoxyethanol			
	Others	0.2	0	0.00

Total	SUM	97.5	1.00
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SITE ID	NAME	COORDINATES
5	Smog Test 8938 Monte Vista Montclair, CA	

Operation	Engine Testing
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Safety Kleen Degreaser		Gunk Carb Medic	
	2 gal/mo		3 gal/mo
VOC	7.5 lb/gal	VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	15
Agent 2	22.5
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	37.5 lb/mo
	0.192308 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	2.55	0.06
	Xylene	0.55	8.25	0.20
	Acetone	0.16	2.4	0.06
	Methyl Alcohol	0.12	1.8	0.04
	2-Butoxyethanol			
	Others	0.2	3	0.07
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.25
	Ethyl Benzene	0.1	2.25	0.06
	Xylenes	0.45	10.125	0.25
Total		SUM	40.5	1.00

SITE ID	NAME	COORDINATES
7	Advanced Cadillac Service	
	4849 Arrow Highway	
	Montclair, CA	

Operation	Car Repair
-----------	------------

Temporal Profile	Hrs	Days	Wks
	8	5	52

Material/Equipment

Carb Cleaner

1 gal/mo

VOC

7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	7.5
---------	-----

Agent 2	0
---------	---

Agent 3	0
---------	---

Agent 4	
---------	--

Agent 5	
---------	--

Agent 6	
---------	--

Agent 7	
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Total	7.5 lb/mo
-------	-----------

0.043269 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	6	0.80
	Carbon Dioxide	0.13	0.975	0.13
	Toluene	0.07	0.525	0.07
Total		SUM	7.5	1.00

SITE ID	NAME	COORDINATES
8	Montclair Service Center	4835 Arrow Highway
	Montclair, CA	

Operation	Car service
-----------	-------------

Temporal Profile	Hrs	Days	Wks
	10	5	52

Material/Equipment

Carb Cleaner

	1 gal/mo
VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	7.5
Agent 2	0
Agent 3	0
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	7.5 lb/mo
	0.034615 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	6	0.80
	Carbon Dioxide	0.13	0.975	0.13
	Toluene	0.07	0.525	0.07
Total		SUM	7.5	1.00

SITE ID	NAME	COORDINATES
12	Concept Marine	
	4731 Arrow Highway, Suite B	
	Montclair, CA 91763	

Operation	Mechanic
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Safety Kleen Degreaser		Gunk Carb Medic	
	1 gal/mo		1 gal/mo
VOC	7.5 lb/gal	VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	7.5
Agent 2	7.5
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	15 lb/mo
	0.076923 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.08
	Xylene	0.55	4.125	0.25
	Acetone	0.16	1.2	0.07
	Methyl Alcohol	0.12	0.9	0.05
	2-Butoxyethanol			
	Others	0.2	1.5	0.09
Gunk Carb Medic	Methylene Chloride	0.45	3.375	0.20
	Ethyl Benzene	0.1	0.75	0.05
	Xylenes	0.45	3.375	0.20
Total		SUM	16.5	1.00

SITE ID	NAME	COORDINATES
13	JT Automotive Service	
	4711 Arrow Highway, Suite C	
	Montclair, CA 91763	

Operation	Mechanic
-----------	----------

Temporal Profile	Hrs	Days	Wks
	8	5	52

Material/Equipment

Gunk Brake Cleaner	3 gal/mo	Gunk Carb Medic	0.5 gal/mo
VOC	7.5 lb/gal	VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	22.5
Agent 2	3.75
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	26.25 lb/mo
	0.151442 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.39
	Ethyl Benzene	0.1	2.25	0.09
	Xylenes	0.45	10.125	0.39
Gunk Brake Cleaner	2-Propanone	0.8	3	0.12
	Carbon Dioxide	0.13	0.4875	0.02
	Toluene	0.07	0.2625	0.01
Total	SUM		25.9875	1.00

SITE ID	NAME	COORDINATES
14	Sierra Automotive	
	4701 Arrow Highway, Suite D	
	Montclair, CA 91763	

Operation	Mechanic
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Temporal Profile	Hrs	Days	Wks
	8	5	52

Material/Equipment

Gunk Carb Medic	2 gal/mo
VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	15
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	15 lb/mo
	0.086538 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	6.75	0.45
	Ethyl Benzene	0.1	1.5	0.10
	Xylenes	0.45	6.75	0.45
Total		SUM	15	1.00

SITE ID	NAME	COORDINATES
16	Arrow Collision Center	
	4741 Arrow Highway	
	Montclair, CA 91763	

Operation	Autobody and upholstery repair
	08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Paint	20 gal/mo	Lacquer Thinner	5 gal/mo	Top Coat	11 gal/mo
VOC	5.7 lb/gal	VOC	6.59 lb/gal	VOC	5.7 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	114
Agent 2	32.95
Agent 3	62.7
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	209.65 lb/mo
	1.075128 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Paint	MEK	0.17	19.38	0.14
	Toluene	0.55	62.7	0.46
	Acetone	0.16	18.24	0.13
	Butyl Benzly Phthalate	0.12	13.68	0.10
Thinner	Isopropanol	0.2	6.59	0.05
	VM&P Naphtha	0.2	6.59	0.05
	Toluene	0.25	8.2375	0.06
	Ethyl Benzene	0.05	1.6475	0.01
	Xylene	0.1	3.295	0.02
	Isobutyl Alcohol	0.1	3.295	0.02
	Acetone	0.1	3.295	0.02
Top Coat	MEK	0.17	19.38	0.14
	Toluene	0.55	62.7	0.46
	Acetone	0.16	18.24	0.13
	Butyl Benzly Phthalate	0.12	13.68	0.10
Total		SUM	137.065	1.00

SITE ID	NAME	COORDINATES
17	Orr Automotive	
	4711 Arrow Highway, Suite A	
	Montclair, CA	

Operation	Auto Repair
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Temporal Profile	Hrs	Days	Wks
	10	5	52

Material/Equipment

Gunk Carb Medic

2 gal/mo

VOC 7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1 15

Agent 2

Agent 3

Agent 4

Agent 5

Agent 6

Agent 7

Total 15 lb/mo

0.069231 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	6.75	0.45
	Ethyl Benzene	0.1	1.5	0.10
	Xylenes	0.45	6.75	0.45
Total		SUM	15	1.00

SITE ID	NAME	COORDINATES
18	Claremont Tire and Auto Center	
	4711 Arrow Highway, Suite b	
	Montclair, CA 91763	

Operation	Autorepair
	08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Safety Kleen Degreaser	Gunk Brake Cleaner	Gunk Carb Medic	Purple Power
1 gal/mo	3 gal/mo	3 gal/mo	1 gal/mo
VOC 7.5 lb/gal	VOC 7.5 lb/gal	VOC 7.5 lb/gal	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	7.5
Agent 2	22.5
Agent 3	22.5
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	52.5 lb/mo
	0.269231 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.02
	Xylene	0.55	4.125	0.08
	Acetone	0.16	1.2	0.02
	Methyl Alcohol	0.12	0.9	0.02
	2-Butoxyethanol			
	Others	0.2	1.5	0.03
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.19
	Ethyl Benzene	0.1	2.25	0.04
	Xylenes	0.45	10.125	0.19
Gunk Brake Cleaner	2-Propanone	0.8	18	0.34
	Carbon Dioxide	0.13	2.925	0.06
	Toluene	0.07	1.575	0.03
Purple Power	Ethylene Glycol Butyl E	0.05		
	Sodium Tripolyphosph	0.1		
	Linear Alkylbenzene S	0.1		
Total		SUM	52.425	1.00

SITE ID	NAME	COORDINATES
19	Transmission Rebuilders	
	4771 Arrow Highway	
	Montclair, CA 91763	

Operation	Autorepair
	08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Gunk Carb Medic	0.25 gal/mo
VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	1.875
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	1.875 lb/mo
	0.009615 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	1.5	0.80
	Carbon Dioxide	0.13	0.24375	0.13
	Toluene	0.07	0.13125	0.07
Total		SUM	1.875	1.00

SITE ID	NAME	COORDINATES
22	Allco Silversmith 5001 Arrow Highway Montclair, CA 91763	

Operation	Jewelery Repair 08:00 to 17:00 M through F
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Acid Cleaner	0.25 gal/mo
VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	1.875
Agent 2	0
Agent 3	0
Agent 4	
Agent 5	
Agent 6	
Agent 7	
Total	1.875 lb/mo 0.009615 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	0.31875	0.14
	Xylene	0.55	1.03125	0.46
	Acetone	0.16	0.3	0.13
	Methyl Alcohol	0.12	0.225	0.10
	2-Butoxyethanol			
	Others	0.2	0.375	0.17
Gunk Carb Medic	Methylene Chloride	0.45	0	0.00
	Ethyl Benzene	0.1	0	0.00
	Xylenes	0.45	0	0.00
Gunk Brake Cleaner	2-Propanone	0.8	0	0.00
	Carbon Dioxide	0.13	0	0.00
	Toluene	0.07	0	0.00
Purple Power	Ethylene Glycol Butyl E	0.05		
	Sodium Tripolyphosph	0.1		
	Linear Alkylbenzene S	0.1		
Total		SUM	2.25	1.00

SITE ID	NAME	COORDINATES
28	Graziano's Italian Restaurant	4913 Moreno Ave
	Montclair, CA	

Operation	Restaurant
	07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)	gal/mo
	0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
29	Applebee's 9241 Monte Vista Montclair, CA	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)	gal/mo
	0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
30	Olive Garden	
	9251 Monte Vista	
	Montclair, CA	

Operation	Restaurant
	07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)
gal/mo
0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
31	Elephant Bar and Grill 4949 S Plaza Ln Montclair, CA	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)
gal/mo
0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo 0.229 lb/hr
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Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
32	Tony Roma's	
	9335 Monte Vista Avenue	
	Montclair, CA	

Operation	Restaurant
	07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)	
	gal/mo
	0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo
	0.229 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
33	Red Lobster 9345 Monte Vista Avenue Montclair, CA	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)
gal/mo
0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo 0.229 lb/hr
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Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
0	I Street Station	
	234 I Street	
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks	
		12	7	52

Material/Equipment

	28,000 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	49.7
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

		g/sec.m2	m2	g/sec	g/hr	lbs/hr
Total	49.7 lb/mo					
	0.136538 lb/hr	1.11E-05	1552	1.72E-02	6.20E+01	1.37E-01

Speciation

SITE ID	NAME	COORDINATES
1	Fairview Ford Body Shop	
	292 North G Street	
	San Bernardino, CA 92414	

Operation	Autobody repair
	08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Primer	2 gal/mo	Top Coat	31 gal/mo	Thinner	30 gal/mo
VOC	2.1 lb/gal	VOC	5.7 lb/gal	VOC	6.59 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	4.2
Agent 2	176.7
Agent 3	197.7
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	378.6 lb/mo
	1.941538 lb/hr

0.000964

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Primer	EGMBE	0.29	1.218	0.004
	N-Propanol	0.71	2.982	0.01
Top Coat	MEK	0.17	30.039	0.09
	Toluene	0.55	97.185	0.30
	Acetone	0.16	28.272	0.09
	Butyl Benzly Phthalate	0.12	21.204	0.07
Thinner	Isopropanol	0.2	39.54	0.12
	VM&P Naphtha	0.2	39.54	0.12
	Toluene	0.25	49.425	0.15
	Ethyl Benzene	0.05	9.885	0.03
	Xylene	0.1	19.77	0.06
	Isobutyl Alcohol	0.1	19.77	0.06
	Acetone	0.1	19.77	0.06
Total		SUM	319.29	1.00

SITE ID	NAME	COORDINATES
2	Arco Gas and Smog Check	702 West 2nd Street
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
	24	7	52

Material/Equipment

	180,600 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	320.565
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	320.565 lb/mo
	0.440337 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	54.49605	0.17
	Toluene	0.55	176.3108	0.55
	Acetone	0.16	51.2904	0.16
	Butyl Benzly Phthalate	0.12	38.4678	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	320.565	1.00

SITE ID	NAME	COORDINATES
3	G&M Oil Chevron Station	
	187 North F Street	
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
	24	7	52

Material/Equipment

	176,300 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	312.9325
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	312.9325 lb/mo
	0.429852 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	53.19853	0.17
	Toluene	0.55	172.1129	0.55
	Acetone	0.16	50.0692	0.16
	Butyl Benzly Phthalate	0.12	37.5519	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	312.9325	1.00

SITE ID	NAME	COORDINATES
4	Southern California Gas Company	
	210 North Lena Road (Outside Range)	
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
	24	7	52

Material/Equipment

	176,300 gal/mo	gal/mo
TOG	1.775 lb/1,000 ga VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	312.9325
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	312.9325 lb/mo
	0.429852 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	53.19853	0.17
	Toluene	0.55	172.1129	0.55
	Acetone	0.16	50.0692	0.16
	Butyl Benzly Phthalate	0.12	37.5519	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	312.9325	1.00

SITE ID	NAME	COORDINATES
5	Mobile Help Sales and Service 613 I Street San Bernardino, CA 92414	

Operation	Autosales 08:00 to 17:00 M through F
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Gunk Carb Medic

	3 gal/mo
VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	22.5
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	22.5 lb/mo 0.115385 lb/hr
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Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Brake Cleaner	2-Propanone	0.8	18	0.86
	Carbon Dioxide	0.13	2.925	0.14
	Toluene	0.07	1.575	0.08
Total		SUM	20.925	1.00

SITE ID	NAME	COORDINATES
6	Royal Coach Auto Body	
	234 I Street	
	San Bernardino, CA 92414	

Operation	Autobody repair
	08:00 to 17:00 M through F

Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Primer	4 gal/mo	Top Coat	6 gal/mo	Gun Cleaner	10 gal/mo
VOC	2.1 lb/gal	VOC	5.7 lb/gal	VOC	6.59 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	8.4
Agent 2	34.2
Agent 3	65.9
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	108.5 lb/mo							
	0.55641 lb/hr	g/sec.m2	m2	g/sec	g/hr	lbs/hr		
		6.47E-05	1083.94	7.02E-02	2.53E+02	5.56E-01		

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Primer	EGMBE	0.29	2.436	0.02
	N-Propanol	0.71	5.964	0.05
Top Coat	MEK	0.17	5.814	0.05
	Toluene	0.55	18.81	0.17
	Acetone	0.16	5.472	0.05
	Butyl Benzly Phthalate	0.12	4.104	0.04
Thinner	Acetone	1	65.9	0.61
		SUM	108.5	0.32

Total

SITE ID	NAME	COORDINATES
7	A.C Byers Trucking, Inc.	
	767 West Congress Street	
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
	24	7	52

Material/Equipment

	21,000 gal/mo		gal/mo
TOG	1.775 lb/1,000 gal	VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	37.275
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	37.275 lb/mo
	0.051202 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	6.33675	0.17
	Toluene	0.55	20.50125	0.55
	Acetone	0.16	5.964	0.16
	Butyl Benzly Phthalate	0.12	4.473	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	37.275	1.00

SITE ID	NAME	COORDINATES
8	Jenco Production Inc. 131 I Street San Bernardino, CA 92414	

Operation	Movie Production 08:00 to 17:00 M through F
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Thinner	30 gal/mo
VOC	6.59 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	197.7
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	197.7 lb/mo 1.013846 lb/hr
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Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Thinner	Isopropanol	0.2	39.54	0.29
	VM&P Naphtha	0.2	39.54	0.29
	Toluene	0.25	49.425	0.36
	Ethyl Benzene	0.05	9.885	0.07
	Xylene	0.1	19.77	0.14
	Isobutyl Alcohol	0.1	19.77	0.14
	Acetone	0.1	19.77	0.14
Total		SUM	138.39	1.00

SITE ID	NAME	COORDINATES
9	Mike and Junior Engine Machine Shop	231 I Street
	San Bernardino, CA	

Operation	Machining
-----------	-----------

Temporal Profile	Hrs	Days	Wks
	10	5	52

Material/Equipment

Safety Kleen Degreaser	Gunk Carb Medic
1 gal/mo	3 gal/mo
VOC 7.5 lb/gal	VOC 7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	7.5
Agent 2	22.5
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	30 lb/mo
	0.138462 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	1.275	0.04
	Xylene	0.55	4.125	0.13
	Acetone	0.16	1.2	0.04
	Methyl Alcohol	0.12	0.9	0.03
	2-Butoxyethanol			
	Others	0.2	1.5	0.05
Gunk Carb Medic	Methylene Chloride	0.45	10.125	0.32
	Ethyl Benzene	0.1	2.25	0.07
	Xylenes	0.45	10.125	0.32
Total		SUM	31.5	1.00

SITE ID	NAME	COORDINATES
10	Arco Gas and Smog Check	
	907 West Mills Street	
	San Bernardino, CA	

Operation

Temporal Profile	Hrs	Days	Wks
		24	7
			52

Material/Equipment

	246,000 gal/mo		gal/mo
TOG	1.775 lb/1,000 gal	VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	436.65
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	436.65 lb/mo
	0.599794 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	74.2305	0.17
	Toluene	0.55	240.1575	0.55
	Acetone	0.16	69.864	0.16
	Butyl Benzly Phthalate	0.12	52.398	0.12
Thinner	Isopropanol	0.2	0	0.00
	VM&P Naphtha	0.2	0	0.00
	Toluene	0.25	0	0.00
	Ethyl Benzene	0.05	0	0.00
	Xylene	0.1	0	0.00
	Isobutyl Alcohol	0.1	0	0.00
	Acetone	0.1	0	0.00
Total		SUM	436.65	1.00

SITE ID	NAME	COORDINATES
11	R&R Engine Rebuilding	
	456 South I Street	
	San Bernardino, CA	

Operation	Machine Shope and Auto Repair
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Safety Kleen Degreaser	Gunk Carb Medic
4 gal/mo	1 gal/mo
VOC 7.5 lb/gal	VOC 7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	30
Agent 2	7.5
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	37.5 lb/mo
	0.192308 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Toluene	0.17	5.1	0.12
	Xylene	0.55	16.5	0.38
	Acetone	0.16	4.8	0.11
	Methyl Alcohol	0.12	3.6	0.08
	2-Butoxyethanol			
	Others	0.2	6	0.14
Gunk Carb Medic	Methylene Chloride	0.45	3.375	0.08
	Ethyl Benzene	0.1	0.75	0.02
	Xylenes	0.45	3.375	0.08
Total		SUM	43.5	1.00

SITE ID	NAME	COORDINATES
12	FMS Exhaust and Air Conditioning	1095 K Street
	San Bernardino, CA	

Operation	Air conditioning repair
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

Gunk Carb Medic

1 gal/mo

VOC 7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1 7.5

Agent 2

Agent 3

Agent 4

Agent 5

Agent 6

Agent 7

Total 7.5 lb/mo

0.038462 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	3.375	0.45
	Ethyl Benzene	0.1	0.75	0.10
	Xylenes	0.45	3.375	0.45
Total		SUM	7.5	1.00

SITE ID	NAME	COORDINATES
13	Performance Motors 346 South I Street San Bernardino, CA	

Operation	Auto mechanic
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

"Solvents"

	5 gal/mo
VOC	7.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	37.5
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	37.5 lb/mo
	0.192308 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Gunk Carb Medic	Methylene Chloride	0.45	16.875	0.45
	Ethyl Benzene	0.1	3.75	0.10
	Xylenes	0.45	16.875	0.45
Total		SUM	37.5	1.00

SITE ID	NAME	COORDINATES
14	Geri's Screenprinting 624 Oak (Out of range) San Bernardino, CA	

Operation	Silk screening and printing
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Temporal Profile	Hrs	Days	Wks
	9	5	52

Material/Equipment

"Cleaning Solvents"

	6 gal/mo
VOC	6.5 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	39
Agent 2	
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	39 lb/mo 0.2 lb/hr
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Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Cleaning Solvents	Mineral Spirits	1	39	1.00
		SUM	39	1.00

Total

SITE ID	NAME	COORDINATES
15	Family Cleaners 633 West 2nd Street San Bernardino, CA	

Operation	Machining
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Temporal Profile	Hrs	Days	Wks
	7	5	52

Material/Equipment

Dry Cleaning Fluid

	8 gal/mo
VOC	13.55 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	108.4
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	108.4 lb/mo
	0.714725 lb/hr

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Degreaser	Perchloroethylene	0.7	75.88	0.70
	Others	0.3	32.52	0.30
Total		SUM	108.4	1.00

SITE ID	NAME	COORDINATES
16	Long John Silvers 601 W 2nd Street San Bernardino, CA 92411	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)
gal/mo
0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo 0.229 lb/hr
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Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
17	McDonalds 699 W 2nd Street San Bernardino, CA 92411	

Operation	Restaurant 07:00 to 20:00 S through S
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Temporal Profile	Hrs	Days	Wks	
	13	7	52	

Material/Equipment

Charbroiler (Acetaldehyde)
gal/mo
0.229 lb/hr

Emissions

Average Monthly/Hourly

Acetaldehy	0.229
Agent 2	0
Agent 3	
Agent 4	
Agent 5	
Agent 6	
Agent 7	

Total	90.30233 lb/mo 0.229 lb/hr
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Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
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SITE ID	NAME	COORDINATES
	Metro Station	
	1700 West 5th Street	
	San Bernardino, CA	

Operation	Transit Facility
	0:00 to 24:00 S through S

Temporal Profile	Hrs	Days	Wks
		24	7 52

Material/Equipment

Sherwin Williams Paint(Assume top coat)	Lacquer Thinner	
30 gal/mo		15 gal/mo
VOC 5.7 lb/gal	VOC	6.59 lb/gal
Gasoline 19,441 gal/mo		gal/mo
1.775 lb/1,000 gal	VOC	lb/gal

Emissions

Average Monthly/Hourly

Agent 1	171	413600
Agent 2	98.85	
Agent 3	34.51	
Agent 4		
Agent 5		
Agent 6		
Agent 7		

Total	304.36 lb/mo	
	0.42 lb/hr	1.01082E-06 lb/hr-ft2

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	29.07	0.10
	Toluene	0.55	94.05	0.31
	Acetone	0.16	27.36	0.09
	Butyl Benzly Phthalate	0.12	20.52	0.07
Thinner	Isopropanol	0.2	19.77	0.06
	VM&P Naphtha	0.2	19.77	0.06
	Toluene	0.25	24.7125	0.08
	Ethyl Benzene	0.05	4.9425	0.02
	Xylene	0.1	9.885	0.03
	Isobutyl Alcohol	0.1	9.885	0.03
	Acetone	0.1	9.885	0.03
Gasoline	TOG	1	34.51	0.11
Total		SUM	304.3582	1.00

SITE ID	NAME	COORDINATES
1	Presto Autobody 1582 4th Street San Bernardino, CA	

Operation	Autobody and upholstery repair 08:00 to 17:00 M through F
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Temporal Profile	Hrs	Days	Wks
		9	5 52

Material/Equipment

Sherwin Williams Paint(Assume top coat)	Lacquer Thinner
30 gal/mo	15 gal/mo
VOC 5.7 lb/gal	VOC 6.59 lb/gal

Emissions

Average Monthly/Hourly

Agent 1	171	Area	22 x 50
Agent 2	98.85		11832.54
Agent 3			
Agent 4			
Agent 5			
Agent 6			
Agent 7			

Total	269.85 lb/mo	
	1.383846154 lb/hr	0.000117 lb/hr.ft2

Speciation

Material/Product	Ingredient	Weight Fraction	Emissions lb/mo	Adjusted Wt. Fraction
Top Coat	MEK	0.17	29.07	0.12
	Toluene	0.55	94.05	0.39
	Acetone	0.16	27.36	0.11
	Butyl Benzly Phthalate	0.12	20.52	0.09
Thinner	Isopropanol	0.2	19.77	0.08
	VM&P Naphtha	0.2	19.77	0.08
	Toluene	0.25	24.7125	0.10
	Ethyl Benzene	0.05	4.9425	0.02
	Xylene	0.1	9.885	0.04
	Isobutyl Alcohol	0.1	9.885	0.04
	Acetone	0.1	9.885	0.04
Total		SUM	240.195	1.00

SITE ID	3	NAME	COORDINATES
		The Taco Kid	
		840 Medical Center Drive	
		San Bernardino, CA 92411	

Operation	Restaurant
	07:00 to 20:00 S through S

Temporal Profile	Hrs	Days	Wks
	13	7	52

Material/Equipment

Charbroiler (Acetaldehyde)

	gal/mo
0.229	lb/hr

Area	20 m x 12 m
	2581.64423

Emissions

Average Monthly/Hourly

Acetaldehyde	0.229
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Agent 2	0
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g/sec.m2	m2
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Agent 3	3.57E-05	1717.065
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Agent 4	3.58E-05	1717.065
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Agent 5	0.000963563
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Agent 6	
---------	--

Agent 7	
---------	--

Total	90.30233 lb/mo
	0.229 lb/hr

8.87032E-05 lbs/hr.ft2

STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a ½ mile of the 1700 5th Street Omnitrans station in San Bernardino? (1) ☒ Yes (2) No
2. How many members of your household have attended school in an area near the Omnitrans fueling station? 3
3. How many years has each household member attend the school near the Omnitrans fueling stations? 4
4. How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 3 hrs
5. Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor? Fair
6. Is there a smoker in the household? (1) Yes (2) ☒ No
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? _____ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals?
☒ Yes (2) No Number And Types Of Animals: 3 cats
11. Has your house ever been tested for lead in paint?
 (1) Yes (2) ☒ No Was Lead Present In The Paint? (1) Yes (2) No
12. Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has:
 (1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same
 (4) ☒ Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your child's health has "declined" above, what do you think is the major cause for this decline in your health:
 (1) Air Quality/Smog (2) ☒ Stress (3) Injury (4) Infection (5) ☒ Other
14. Is your child able to take part at all in the usual kinds of play activities done by most children your child's age?
 (1) ☒ Yes (2) No
15. What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply
 (1) ☒ Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem
 (4) Asthma (5) Birth Defect (6) Injury
 (7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem
 (9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability
 (12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds
 (15) Nausea (19) Numbness (20) ☒ Don't Know/Not Sure
16. How long has your child had this condition?
 (1) Since Birth (2) _____ Years/Months/Days (3) Don't Know
17. Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?
 (1) Yes (2) No
18. Has your child's condition ever been diagnosed by medical personnel?
 (1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

I have 2 cats. One died due to smoking
I have three more cats

Get rid of Omnitrans for the sake of the childrens! Thanks

STUDENT HEALTH SURVEY

part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a 1/2 mile radius of bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1 block. since 1992.

Do you live within a 1/2 mile of the 1700 5th Street Omnitrans station in San Bernardino? ☒ Yes (2) No

How many members of your household have attended school in an area near the Omnitrans fueling station? 3

How many years has each household member attend the school near the Omnitrans fueling stations? 5

How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 8 hrs. at school - 1-2 after school playing

Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor? Good

Is there a smoker in the household? NO (1) Yes (2) No

What does the smoker use? N/A (1) Cigarette (2) Cigar (3) Pipe (4) Other

How many packs a day does the household member smoke? N/A Packs Per Day

Is the smoker allowed to smoke inside of the household? (1) Yes N/A (2) No

Does your household have pets? If so how many and what types of animals?

(1) Yes ☒ No Number And Types Of Animals: _____

Has your house ever been tested for lead in paint?

(1) Yes ☒ No Was Lead Present In The Paint? (1) Yes (2) No

Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has:

(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same

(4) Declined Somewhat ☒ Declined Significantly (6) Don't Know

If your child's health has "declined" above, what do you think is the major cause for this decline in your health:

☒ Air Quality/Smog (2) Stress (3) Injury (4) Infection (5) Other

Is your child able to take part at all in the usual kinds of play activities done by most children your child's age?

(1) Yes (2) No SOME

What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply

(1) Vision/ Problem Seeing (2) Hearing Problem ☒ Speech Problem

☒ Asthma (5) Birth Defect (6) Injury

(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem

☒ Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability

(12) Attention Deficit/Hyperactive Disorder ☒ Breathing Problem ☒ Nosebleeds

(15) Nausea (19) Numbness (20) Don't Know/Not Sure

How long has your child had this condition?

☒ Since Birth (2) 9 yrs Years/Months/Days (3) Don't Know

Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?

My kids have bleeding nose even at night and (1) Yes (2) No

Has your child's condition ever been diagnosed by medical personnel? they always get sick from coughs.

☒ Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a ½ mile of the 1700 5th Street Omnitrans station in San Bernardino? (1) Yes (2) No (2) No
2. How many members of your household have attended school in an area near the Omnitrans fueling station? 6
3. How many years has each household member attend the school near the Omnitrans fueling stations? 16 years
4. How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 1 hr to pick up or drop off
5. Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor?
6. Is there a smoker in the household? (1) Yes (2) No (2) No
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? _____ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals?
(1) Yes (2) No (2) No Number And Types Of Animals: _____
11. Has your house ever been tested for lead in paint?
(1) Yes (2) No (2) No Was Lead Present In The Paint? (1) Yes (2) No
12. Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has:
(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same (3) Stayed About The Same
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your child's health has "declined" above, what do you think is the major cause for this decline in your health:
(1) Air Quality/Smog (2) Stress (3) Injury (4) Infection (5) Other
14. Is your child able to take part at all in the usual kinds of play activities done by most children your child's age?
(1) Yes (1) Yes (2) No
15. What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply
(1) Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem
(4) Asthma (5) Birth Defect (6) Injury
(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem
(9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability
(12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds
(15) Nausea (19) Numbness (20) Don't Know/Not Sure
16. How long has your child had this condition?
(1) Since Birth (2) _____ Years/Months/Days (3) Don't Know
17. Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?
NA (1) Yes (2) No
18. Has your child's condition ever been diagnosed by medical personnel?
(1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

*I have never had any problems
with my children*

STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a ½ mile of the 1700 5th Street Omnitrans station in San Bernardino? ☒ Yes (2) No
2. How many members of your household have attended school in an area near the Omnitrans fueling station? 7
3. How many years has each household member attend the school near the Omnitrans fueling stations? 25
4. How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? 6 1/2 Hrs
5. Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor? Good
6. Is there a smoker in the household? yes (1) Yes (2) No
7. What does the smoker use? 1 ☒ Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? 1/2 Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes ☒ No
10. Does your household have pets? If so how many and what types of animals?
(1) Yes ☒ No Number And Types Of Animals: _____
11. Has your house ever been tested for lead in paint?
☒ Yes (2) No Was Lead Present In The Paint? ☒ Yes (2) No
12. Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has: 3
(1) Improved Significantly (2) Improved Somewhat ☒ Stayed About The Same
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your child's health has "declined" above, what do you think is the major cause for this decline in your health:
(1) Air Quality/Smog ☒ (2) Stress (3) Injury (4) Infection (5) Other
14. Is your child able to take part at all in the usual kinds of play activities done by most children your child's age? 1
☒ Yes (2) No
15. What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply
(1) ☒ Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem
(4) ☒ Asthma (5) Birth Defect (6) ☒ Injury
(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem
(9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures ☒ Learning Disability
(12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds
(15) Nausea (19) Numbness (20) Don't Know/Not Sure
16. How long has your child had this condition?
(1) Since Birth (2) _____ Years/Months/Days (3) Don't Know
17. Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?
☒ Yes (2) No
18. Has your child's condition ever been diagnosed by medical personnel? 1
☒ Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

*I HAVE 7 CHILDREN YOU ARE ONLY ASKING ABOUT ONE
THIS HEALTH SURVEY IS INCORRECT*



ENCUESTA DE SALUD ESTUDIANTIL

Como parte del esfuerzo para cumplir con la Ley del Senado 1927, Omnitrans a autorizado al contratista independiente Komex, realizar una encuesta de salud pública de los residentes y escuelas dentro de la ½ milla de radio de las estaciones de reabastecimiento de combustible de buses de Omnitrans. Esta encuesta inicial esta designada para medir en forma rápida alguno de los factores ambientales que puedan afectar la salud de su hijo(a). La encuesta, no debería tomar más de 5 minutos de su tiempo y es completamente confidencial. Los resultados de esta encuesta serán incluidos en un reporte sobre el estado de salud de la comunidad que será presentado al Gobernador de California. Gracias por su colaboración.

1. Usted vive dentro de la ½ milla de radio de la estación de Omnitrans de la calle 5th No 1700 en San Bernardino?
(1) Si (2) No
2. Cuantos miembros de hogar han asistido a la escuela en una área cerca de la estación de gasolina de Omnitrans? 0
3. Por cuantos años cada miembro de la familia a asistido a la escuela cerca a la estación de gasolina de Omnitrans? 0
4. Cuantas horas al día usted permanece fuera de la casa o en el vecindario adjunto a las estaciones de gasolina de Omnitrans? Nada = nunca
5. Usted diría que la salud de su hijo (a) es excelente muy buena, buena, regular o deficiente?
6. Hay algún fumador en el hogar? No (1) Si (2) No
7. Que usa el fumador? (1) Cigarrillos (2) Puro (3) Pipa (4) Otros
8. Cuantos paquetes al día el miembro de la familia fuma? Nada
9. Se le permite al miembro de la familia fumar dentro de la casa? Nada (1) Si (2) No
11. Tiene mascotas en la casa? Si es así, cuantas, y que tipo? No
(1) Si (2) No Número y tipo de animales:
11. Alguna vez, su casa ha sido examinada para determinar la existencia de plomo en la pintura?
(1) Si (2) No Se encontró plomo en la pintura? (1) Si (2) No
12. Desde que su hijo (s) asiste a la escuela elemental Ramona Alessandro, usted diría que su salud en general a:
(1) Mejorado significativamente (2) Mejorado de alguna manera (3) Sigue siendo la misma
(4) Desmejorado de alguna manera (5) Desmejorado significativamente (6) No sé
13. Si la salud de su hijo (a) "desmejorado" (arriba), cual cree que es la causa principal de desmejora en su salud? Nada
(1) Calidad del Aire/Smog (2) Stress (3) Lesión (4) Infección (5) Otros
14. Su hijo (a) puede participar en todos los juegos usuales y actividades que los niños de su edad realizan?
(1) Si (2) No
15. Que condiciones o problemas de salud no permiten que su hijo (a) pueda participar en las actividades/juegos con otros niños? Nada Marque con un círculo todas las que se apliquen
(1) Visión/ Problema de Vista (2) Problema de Oído (3) Problema al Hablar
(4) Asma (5) Defecto de Nacimiento (6) Lesión
(7) Retardación Mental (8) Otros Problemas Mentales, Emocionales o de Comportamiento
(9) Problemas de Huesos, Músculos, Articulaciones (10) Epilepsia o Ataques (11) Problemas de Aprendizaje
(12) Déficit en la atención /Hiperactividad (13) Breathing Problems de Respiración (14) Sangramiento de la Naríz
(15) Náusea (16) Entumecimiento (17) No Sé/ No estoy Seguro
16. Por cuanto tiempo su hijo (a) ha tenido esta condición? Nunca
(1) Desde Nacimiento (2) _____ Años/Meses/Días (3) No Sé
17. Los síntomas de su hijo (por ejemplo problemas de respiración) se reducen cuando su hijo (a) esta en la casa o en los fines de semana? Nada (1) Si (2) No
18. La condición de su hijo (a) a sido alguna vez diagnosticada por personal médico? (1) Si (2) No

Gracias por su participación en el estudio. Si usted tiene alguna pregunta o preocupación, por favor llame

a los investigadores principales Drs. James Clark y Tony Jones, al (310) 907-6165 or (714) 330-0405.

NO Preguntas

FACULTY/STAFF HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a 1/2 mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a 1/2 mile of the 1700 5th Street Omnitrans station in San Bernardino? (1) Yes (2) No
2. How long have you worked at the Ramona-Alessandro Elementary School? 2 yrs
3. How many hours per day do you spend outside or in the immediate neighborhood of the Omnitrans fueling stations? Outside? 1 hour or less
4. Would you say your health ^{was} is Excellent, Very Good, Good, Fair, or Poor? Excellent
5. Is there a smoker in the household? (1) Yes (2) No *Never!*
6. Are you the smoker? (1) Yes (2) No *Never!*
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? _____ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals?
(1) Yes (2) No Number And Types Of Animals: 1 short haired cat
11. Has your house ever been tested for lead in paint?
(1) Yes (2) No Was Lead Present In The Paint? (1) Yes (2) No
12. Since you started working at Ramona Alessandro Elementary would you say that your overall health has:
(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your health has "declined" above, what do you think is the major cause for this decline in your health:
(1) Air Quality/Smog (2) Stress NO (3) Injury NO (4) Infection NO (5) Other - *unknown!*
14. Are you able to take part at all in the usual kinds of work activities done by most adults your age?
(1) Yes (2) No
15. What conditions or health problems keeps you from work activities? *Circle all that apply*
(1) Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem
(4) Asthma (5) Birth Defect (6) Injury
(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem
(9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability
(12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds
(15) Nausea (16) Numbness (17) Don't Know/Not Sure
16. How long has you had this condition?
(1) Since Birth (2) Last 2 yrs Years/Months/Days (3) Don't Know
17. Do your symptoms (for example breathing problems) lessen when you are at home or on the weekends?
(1) Yes (2) No
18. Has your condition ever been diagnosed by medical personnel?
(1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

PLEASE NOTE: Since coming to work here 2 years ago. I have experenced sinus problems, headaches, dizziness, and vision problems to name a few. At first I did not think these illnesses were related to this work site, but during the two weeks of winter vacation I did not experance any of these systems. The above symptoms surfaced again when I returned to work in Jan. 04.

I have never experenced these many ²illness problems in over 15 years **KOMEX**
working in this district in over 8 different sites! USA, CANADA, UK AND WORLDWIDE

APPENDIX D

PUBLIC HEALTH SURVEY INSTRUMENT



KOMEX • H2O SCIENCE • INC
11040 SANTA MONICA BLVD., SUITE 300
LOS ANGELES, CA 90025, USA
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ENVIRONMENT AND WATER RESOURCES

FINAL PUBLIC HEALTH SURVEY INSTRUMENT FOR COMMUNITIES ADJACENT TO OMNITRANS FUELING STATIONS LOCATED AT 1700 WEST 5TH STREET, SAN BERNARDINO 234 SOUTH I STREET, SAN BERNARDINO 4748 ARROW HIGHWAY, MONTCLAIR

PREPARED BY:

KOMEX

11040 Santa Monica Blvd., Suite 300

Los Angeles, CA 90025

USA

Date: September 10, 2003

Project Number: 296-001

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1 INTRODUCTION

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized Komex to perform a public health survey of residents living within a ½ mile radius of its bus refueling stations. The three stations are located at 1700 West 5th Street, San Bernardino; 234 South I Street, San Bernardino; and 4748 Arrow Highway, Montclair, California. The stations located on West 5th Street (San Bernardino) and Arrow Highway (Montclair) dispense liquid natural gas (LCNG) and diesel fuel to buses using the facility. Unleaded gasoline is also dispensed to staff cars, vans and trucks. The station located on South I Street dispenses unleaded gasoline to buses using the facility.

The following sections outline the proposed draft public health survey instrument for the communities. The draft survey has three sections. The first section of the survey attempts to capture the demographic data for each study area. The second section of the study attempts to capture an estimate of the health of the individuals being surveyed. The final section of the study attempts to capture a measure of the medical care or advice that the community may have sought to identify the cause of any adverse health effects.

Many of the questions are abstracted from the National Institute of Health Sciences (NIHS) study on public health.

2 SECTION I - FAMILY RELATIONSHIPS AND VERIFICATION OF DEMOGRAPHIC INFORMATION

1. ENTER THE STREET NAME OF THE FAMILY YOU WISH TO INTERVIEW.

FID.010 Street Name: _____ (N) No one is available to interview now. |

2. ENTER THE BLOCK NUMBER OF THE FAMILY YOU WISH TO INTERVIEW.

FID.020 Block ID: _____ (N) No one is available to interview now.

3. ENTER THE FAMILY CODE OF THE MEMBER OF THE FAMILY YOU WISH TO INTERVIEW.

FID.030 Family member code: _____ (N) No one is available to interview now.

4. **FR: READ IF NECESSARY:**

I would like to speak with {you/name}. {Are/Is} {you/he/she} available?

FR: READ IF NECESSARY:

I would like to speak with someone in this family , preferably an adult who is knowledgeable about the family's health, to complete the interview for their family.

FID.040

FR: SPECIFY WHY THIS FAMILY'S INTERVIEW CANNOT BE COMPLETED BEFORE CLOSEOUT.

5. **CERTAIN SECTIONS OF THIS INTERVIEW DEPEND ON KNOWING IF A PERSON IS 18 YEARS OLD OR OLDER. COULD YOU PLEASE TELL ME IF {YOU/NAME} {ARE/IS} AT LEAST 18 YEARS OLD?**

>RELRESP_B< You have selected a person less than 18 years old. Is this correct?
(1) Yes, accept this person (FID.050)
(2) No, select another person

FID.050 **FR: {RELRESP@A} HAS BEEN SELECTED AS THE FAMILY REFERENCE PERSON FOR THIS FAMILY. IS THIS FAMILY MEMBER AN APPROPRIATE CHOICE? PREFERABLY A CIVILIAN ADULT?**

>FAMREF_A< (1) Yes (FID.060)
(2) No, select another person (FID.050--FAMREF_B)

>FAMREF_B< [Enter Person #] []

READ TO PARTICIPANT: FROM THE FOLLOWING LIST, WHICH BEST DESCRIBES YOUR POSITION THE FAMILY?

>FRPREL<	(2) Spouse (husband/wife) (3) Unmarried partner (4) Child (biological/adoptive / in-law/step/foster) (5) Child of partner (6) Grandchild (7) Parent (biological/adoptive / in-law/step/foster) (8) Brother/sister (biological/adoptive/ in-law/step/Foster) (9) Grandparent (grandmother/father)	(10) Aunt/uncle (11) Niece/nephew (12) Other relative (13) House-mate / Roommate (14) Roomer/Boarder (15) Other nonrelative (16) Legal guardian (17) Ward (97) Refused (99) Don't know
-----------------------	--	---

Check item: If the person number at FID.050--FAMREF_B is 14 to 17 years goto FID.050--FAMREF_C; Else goto FID.060.

>FAMREF_C< You have selected a person less than 18 years old. Is this correct?
(1) Yes, accept this person (FID.060)

>FAMREF_D< How many family members live at this address?

>FAMREF_E< What are the family members ages?

FAMREF_F< What are there gender?

6. HOW LONG HAVE YOU LIVED AT THIS ADDRESS?

FID.060

>FMLNG< List Years for each Family Member: _____

-
-
-
7. DOES A MEMBER OF YOUR HOUSEHOLD CURRENTLY ATTEND OR HAS ATTENDED IN THE PAST A SCHOOL IN AN AREA NEAR AN OMNITRANS FUELING STATION? (SHOW FLASHCARD WITH LOCATION OF FUELING STATIONS)

>FMSCHL_1< (1) Yes, go to FID.080
(2) No, go to FID 0.100

8. HOW MANY MEMBERS OF YOUR HOUSEHOLD HAVE ATTENDED SCHOOL IN AN AREA NEAR AN OMNITRANS FUELING STATION? (SHOW FLASHCARD WITH LOCATION OF FUELING STATIONS)
-
-

>FMSCHL_2< FID.080 List Family Member Number(s): _____

9. HOW MANY YEARS HAS EACH HOUSEHOLD MEMBER ATTEND THE SCHOOL NEAR THE OMNITRANS FUELING STATIONS?
-
-

>FMSCHL_3< FID.090 List Years for each Family Member: _____

10. HOW MANY HOURS PER DAY DO YOU SPEND OUTSIDE AT HOME OR IN THE IMMEDIATE NEIGHBORHOOD OF THE OMNITRANS FUELING STATIONS?

>DLYEXP< FID.100 List Hours Per Day for each Family Member: _____

3 SECTION II-- HEALTH STATUS AND LIMITATION OF ACTIVITIES

1. IS THERE A SMOKER IN THE HOUSEHOLD?

FHS.010

>FMSMKR_1< (1) Yes
(2) No

2. WHAT TYPE OF SMOKING IS THE HOUSEHOLD MEMBER?

FHS.020

>FMSMKR_2< (1) Cigarette (4) Other
(2) Cigar (7) Refused
(3) Pipe (9) Don't know

3. HOW MANY PACKS A DAY DOES THE HOUSEHOLD MEMBER SMOKE?

FHS0.030

>FMSMKR_3< (1) List Number: _____
(7) Refused
(9) Don't know

4. IS THE SMOKER ALLOWED TO SMOKE INSIDE OF THE HOUSEHOLD?

FHS0.040

>FMSMKR_4< (1) Yes
(2) No
(7) Refused
(9) Don't know

5. DOES YOUR PROFESSION REQUIRE THAT YOU WORK WITH CHEMICALS (HOUSEHOLD OR INDUSTRIAL)? IF SO, HOW LONG HAVE YOU HAD THIS PROFESSION?

FHS.050

>CHMXPO_1< (1) Yes
(2) No
(7) Refused
(9) Don't know

>CHMXPO_A< If Yes List Chemicals and Hours Exposed: _____
(7) Refused
(9) Don't know

>CHMXPO_B< If Yes How Long?

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(97) REFUSED	(3) MONTH(S)
(99) DON'T KNOW	(4) YEAR(S)

6. DOES YOUR PROFESSION REQUIRE THAT YOU WORK IN AN ENVIRONMENT THAT IS DUSTY? IF SO, HOW LONG HAVE YOU HAD THIS PROFESSION?

FHS.060

>DSTXPO_1<

- (1) Yes
- (2) No
- (7) Refused
- (9) Don't know

>DSTXPO_A< If Yes List Sources and Hours Exposed: _____

- (7) Refused
- (9) Don't know

>DSTXPO_B< If Yes How Long?

- | | |
|-----------------|--------------|
| (01-94) 01-94 | (1) DAYS(S) |
| (95) 95+ | (2) WEEK(S) |
| (97) REFUSED | (3) MONTH(S) |
| (99) DON'T KNOW | (4) YEAR(S) |

7. DOES YOUR PROFESSION REQUIRE THAT YOU WORK OUTDOORS? IF SO, HOW LONG HAVE YOU HAD THIS PROFESSION?

FHS.070

>OUTXPO_1<

- (1) Yes
- (2) No
- (7) Refused
- (9) Don't know

>OUTXPO_A< If Yes List Hours Outdoor Per Day: _____

- (7) Refused
- (9) Don't know

>OUTXPO_C< If Yes How Long?

- | | |
|-----------------|--------------|
| (01-94) 01-94 | (1) DAYS(S) |
| (95) 95+ | (2) WEEK(S) |
| (97) REFUSED | (3) MONTH(S) |
| (99) DON'T KNOW | (4) YEAR(S) |

8. DOES YOUR PROFESSION REQUIRE THAT YOU WORK IN A NOISY ENVIRONMENT? IF SO, HOW LONG HAVE YOU HAD THIS PROFESSION?

FHS.080

>NSXPO_1<

- (1) Yes
- (2) No
- (7) Refused
- (9) Don't know

>NSXPO_A< If Yes List Hours of Operation Per Day: _____

- (7) Refused
- (9) Don't know

>NSXPO_B< If Yes How Long?

- | | |
|-----------------|--------------|
| (01-94) 01-94 | (1) DAYS(S) |
| (95) 95+ | (2) WEEK(S) |
| (97) REFUSED | (3) MONTH(S) |
| (99) DON'T KNOW | (4) YEAR(S) |

9. DOES YOUR PROFESSION REQUIRE THAT YOU WORK AROUND ANIMALS? IF SO, HOW LONG HAVE YOU HAD THIS PROFESSION?

FHS.090

>NMLXPO_1<

- (1) Yes
- (2) No
- (7) Refused
- (9) Don't know

>NMLXPO_A< If Yes Types of Animals and Hours Exposed Per Day: _____

- (7) Refused
- (9) Don't know

>NMLXPO_B< If Yes How Long?

- | | |
|-----------------|--------------|
| (01-94) 01-94 | (1) DAYS(S) |
| (95) 95+ | (2) WEEK(S) |
| (97) REFUSED | (3) MONTH(S) |
| (99) DON'T KNOW | (4) YEAR(S) |

10. DOES YOUR PROFESSION REQUIRE THAT YOU WORK AROUND EXHAUST FUMES? IF SO, HOW LONG HAVE YOU HAD THIS PROFESSION?

FHS.100

>FMSXPO_1<

- (1) Yes
- (2) No
- (7) Refused
- (9) Don't know

>FMSXPO_A< If Yes Types of Fumes and Hours Exposed: _____

- (7) Refused
- (9) Don't know

>FMSXPO_B< If Yes How Long?

- | | |
|-----------------|--------------|
| (01-94) 01-94 | (1) DAYS(S) |
| (95) 95+ | (2) WEEK(S) |
| (97) REFUSED | (3) MONTH(S) |
| (99) DON'T KNOW | (4) YEAR(S) |

11. DO YOU KEEP AN ANIMAL IN THE HOUSE?

FHS.110

>NMLXPO_2<

- (1) Yes
- (2) No
- (7) Refused
- (9) Don't know

>NMLXPO_B< If Yes Types of Animals and Hours Exposed: _____

- (7) Refused
- (9) Don't know

12. FR: ASK IF NECESSARY: With whom am I speaking?
ENTER THE LINE NUMBER OF THE PERSON YOU CONSIDER TO BE THE MAIN RESPONDENT
FOR THIS FAMILY'S HEALTH QUESTIONS.

FHS.120

>FRPREL<

- | | |
|---|----------------------------|
| (2) Spouse (husband/wife) | (10) Aunt/uncle |
| (3) Unmarried partner | (11) Niece/nephew |
| (4) Child (biological/adoptive /
in-law/step/foster) | (12) Other relative |
| (5) Child of partner | (13) House-mate / Roommate |
| (6) Grandchild | (14) Roomer/Boarder |
| (7) Parent (biological/adoptive /
in-law/step/foster) | (15) Other nonrelative |
| (8) Brother/sister (biological/adoptive/
in-law/step/Foster) | (16) Legal guardian |
| (9) Grandparent (grandmother/father) | (17) Ward |
| | (97) Refused |
| | (99) Don't know |

13. FR: READ THE FOLLOWING INTRODUCTION:

I AM NOW GOING TO ASK ABOUT {YOUR/THE} GENERAL HEALTH { /OF FAMILY MEMBERS}.

14. IN THE PAST 5 YEARS WOULD YOU SAY THAT YOUR OVERALL HEALTH HAS:

FHS.140

>HLTHSTS_1<

- | | |
|----------------------------|-----------------------|
| (1) IMPROVED SIGNIFICANTLY | (2) IMPROVED SOMEWHAT |
| (3) STAYED ABOUT THE SAME | (4) DECLINED SOMEWHAT |
| (5) DECLINED SIGNIFICANTLY | (6) DON'T KNOW |
| (7) REFUSED | |

15. IF "DECLINED" ABOVE, WHAT DO YOU THINK IS THE MAJOR CAUSE FOR THIS DECLINE IN YOUR HEALTH:

FHS.150

>HLTHSTS_2<

- | | |
|----------------------|---|
| (1) ADVANCING AGE | (2) HEALTH CONDITION/INJURY PREVIOUSLY DOCUMENTED |
| (3) AIR QUALITY/SMOG | (4) WORK RELATED |
| (5) STRESS | (6) OTHER |
| (7) REFUSED | |

16. IN THE PAST 3 YEARS WOULD YOU SAY THAT YOUR OVERALL HEALTH HAS:

FHS.160

>HLTHSTS_3<

- | | |
|----------------------------|-----------------------|
| (1) IMPROVED SIGNIFICANTLY | (2) IMPROVED SOMEWHAT |
| (3) STAYED ABOUT THE SAME | (4) DECLINED SOMEWHAT |
| (5) DECLINED SIGNIFICANTLY | (6) DON'T KNOW |
| (7) REFUSED (FID.160) | |

17. IF "DECLINED" ABOVE, WHAT DO YOU THINK IS THE MAJOR CAUSE FOR THIS DECLINE IN YOUR HEALTH:

FHS.170

>HLTHSTS_4<

- | | |
|------------------------|---|
| (1) ADVANCING AGE | (2) HEALTH CONDITION/INJURY PREVIOUSLY DOCUMENTED |
| (3) AIR QUALITY/SMOG | (4) WORK RELATED |
| (5) STRESS | (6) OTHER |
| (7) REFUSED (FID.160) | |

18. IN THE PAST YEAR WOULD YOU SAY THAT YOUR OVERALL HEALTH HAS:

FHS.180

>HLTHSTS_5<

- | | |
|----------------------------|-----------------------|
| (1) IMPROVED SIGNIFICANTLY | (2) IMPROVED SOMEWHAT |
| (3) STAYED ABOUT THE SAME | (4) DECLINED SOMEWHAT |
| (5) DECLINED SIGNIFICANTLY | (6) DON'T KNOW |
| (7) REFUSED (FID.160) | |

19. IF "DECLINED" ABOVE, WHAT DO YOU THINK IS THE MAJOR CAUSE FOR THIS DECLINE IN YOUR HEALTH:

FHS.190

>HLTHSTS_6<

- | | |
|------------------------|---|
| (1) ADVANCING AGE | (2) HEALTH CONDITION/INJURY PREVIOUSLY DOCUMENTED |
| (3) AIR QUALITY/SMOG | (4) WORK RELATED |
| (5) STRESS | (6) OTHER |
| (7) REFUSED (FID.160) | |

20. ARE/IS (**READ NAME BELOW**) LIMITED IN THE KIND OR AMOUNT OF NONWORK ACTIVITIES HE/SHE/THEY CAN DO BECAUSE OF A PHYSICAL, MENTAL, OR EMOTIONAL PROBLEM?

FHS.200

>PLYSTS_1<

- (1) YES
- (2) NO
- (7) REFUSED
- (9) DON'T KNOW

21. WHO IS THIS? (ANYONE ELSE?)

>PLAPLYLI1<	>PLAPLYLI4<
>PLAPLYLI2<	>PLAPLYLI5<
>PLAPLYLI3<	>PLAPLYLI6<

22. IS {SUBJECT NAME LISTED IN PLAYPLYLM} ABLE TO TAKE PART AT ALL IN THE USUAL KINDS OF PLAY ACTIVITIES DONE BY MOST CHILDREN {SUBJECT NAME}'S AGE?

FHS.220

>PLYSTS_2<

- (1) YES
- (2) NO
- (7) REFUSED
- (9) DON'T KNOW

23. DO ANY OF THE FOLLOWING FAMILY MEMBERS, **(READ NAME BELOW)** RECEIVE SPECIAL EDUCATIONAL OR EARLY INTERVENTION SERVICES?

FHS.230

>PSPEDE_1<

- (1) YES
- (2) NO
- (7) REFUSED
- (9) DON'T KNOW

24. WHO IS THAT? (ANYONE ELSE?)

>PSPEDEI1<	>PSPEDEI4<
>PSPEDEI2<	>PSPEDEI5<
>PSPEDEI3<	>PSPEDEI6<

25. BECAUSE OF A HEALTH PROBLEM, {DO/DOES} {YOU/ANYONE IN THE FAMILY} HAVE DIFFICULTY WALKING WITHOUT USING ANY SPECIAL EQUIPMENT?

FHS.240

>WLK_1<

- (1) YES
- (2) NO
- (7) REFUSED
- (9) DON'T KNOW

26. WHO IS THAT? (ANYONE ELSE?)

>PLAWALK1<	>PLAWALK4<
>PLAWALK2<	>PLAWALK5<
>PLAWALK3<	>PLAWALK6<

27. {ARE/IS} {YOU/ANYONE IN THE FAMILY} LIMITED IN ANY WAY BECAUSE OF DIFFICULTY REMEMBERING OR BECAUSE {YOU/THEY} EXPERIENCE PERIODS OF CONFUSION?

- (1) YES (FHS.240) (7) REFUSED (CHECK ITEM FHSCC12)
(2) NO (CHECK ITEM FHSCC12)(9) DON'T KNOW (CHECK ITEM FHSCC12)

28. WHO IS THIS? (ANYONE ELSE?)

>PLAREME1< >PLAREME4<
>PLAREME2< >PLAREME5<
>PLAREME3< >PLAREME6<

29. ARE {YOU/ANY FAMILY MEMBERS (LIST NAMES OF PERSONS WITHOUT LIMITATION IF NEEDED)} LIMITED IN ANY WAY IN ANY ACTIVITIES BECAUSE OF PHYSICAL PROBLEMS?

FHS.290

>PLIMANY_1<

- (1) YES
(2) NO
(7) REFUSED
(9) DON'T KNOW

30. WHO IS THAT? (ANYONE ELSE?)

>PLIMANY1< >PLIMANY4<
>PLIMANY2< >PLIMANY5<
>PLIMANY3< >PLIMANY6<

31. WHAT CONDITIONS OR HEALTH PROBLEMS CAUSE {SUBJECT NAME'S} LIMITATIONS?
CODE ALL THAT APPLY, BUT DO NOT PROBE. ENTER (N) FOR NO MORE.

FHS.310

>HLTHCND_1<

- _1(1) VISION/ PROBLEM SEEING
_2(2) HEARING PROBLEM
_3(3) SPEECH PROBLEM
_4(4) ASTHMA
_5(5) BIRTH DEFECT
_6(6) INJURY
_7(7) MENTAL RETARDATION
_8(8) OTHER DEVELOPMENTAL PROBLEM (E.G. CEREBRAL PALSY)
_9(9) OTHER MENTAL, EMOTIONAL, OR BEHAVIORAL PROBLEM
_10(10) BONE, JOINT, OR MUSCLE PROBLEM
_11(11) EPILEPSY OR SEIZURES
_12(12) LEARNING DISABILITY
_13(13) ATTENTION DEFICIT/HYPERACTIVE DISORDER (ADD/ADHD)
_14 (14)OTHER IMPAIRMENT/PROBLEM (SPECIFY ONE)
_15 (15)OTHER IMPAIRMENT/PROBLEM (SPECIFY ONE)
_16 (16) BREATHING PROBLEM
_17 (17) NOSEBLEEDS
_18 (18) NAUSEA
_19 (19) NUMBNESS
(97) REFUSED
(99) DON'T KNOW/NOT SURE

32. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD ASTHMA OR A BREATHING PROBLEM?

FHS.320

>ASMALNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

33. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD THE INJURY THAT CAUSED {HIS/HER} LIMITATION?

FHS.330

>HLTHCND_2<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

34. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD BONE, JOINT, OR MUSCLE PROBLEM?

FHS.340

>MSKLNG_1<

(01-94) 01-94	(1) DAYS(S)	
(95) 95+	(2) WEEK(S)	
(96) SINCE BIRTH	(3) MONTH(S)	
(97) REFUSED	(4) YEAR(S)	
(99) DON'T KNOW		(00) NOT APPLICABLE

35. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD EPILEPSY OR SEIZURES?

FHS.350

>EPILNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

36. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD LEARNING DISABILITIES?

FHS.360

>LDALNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

37. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD ATTENTION DEFICIT DISORDER?

FHS.370

>ADDLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

38. WHAT CONDITIONS OR HEALTH PROBLEMS CAUSE {YOUR/SUBJECT NAME'S} LIMITATIONS?

FHS.380

>HLTHCND_3<

- _1(1) VISION/PROBLEM SEEING
- _2(2) HEARING PROBLEM
- _3(3) ARTHRITIS/RHEUMATISM
- _4(4) BACK OR NECK PROBLEM
- _5(5) FRACTURE, BONE/JOINT INJURY
- _6(6) OTHER INJURY
- _7(7) HEART PROBLEM
- _8(8) STROKE PROBLEM
- _9(9) HYPERTENSION/HIGH BLOOD PRESSURE
- _10(10) DIABETES
- _11(11) LUNG PROBLEM(E.G., ASTHMA AND EMPHYSEMA)
- _12(12) CANCER
- _13(13) BIRTH DEFECT
- _14(14) MENTAL RETARDATION
- _15(15) OTHER DEVELOPMENTAL PROBLEM (E.G. CEREBRAL PALSY)
- _16(16) SENILITY
- _17(17) DEPRESSION/ANXIETY/EMOTIONAL PROBLEM
- _18(18) WEIGHT PROBLEM
- _19 (19) BREATHING PROBLEM
- _20 (20) NOSEBLEEDS
- _21 (21) NAUSEA
- _22 (22) NUMBNESS

<M> FOR OTHER, INCLUDING MORE CONDITIONS

39. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD VISION PROBLEMS OR PROBLEM SEEING?

FHS.390

>VSNLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

40. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD HEARING PROBLEMS?

FHS.400

>HRGLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

41. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD ARTHRITIS OR RHEUMATISM?

FHS.410

>RALNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

42. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD BACK OR NECK PROBLEM?

FHS.420

>NKLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

43. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD FRACTURES, BONE/JOINT INJURY?

FHS.430

>BNLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

44. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD OTHER INJURIES?

FHS.440

>OTHLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

45. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD A HEART PROBLEM?

FHS.450

>HRTLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

46. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD A STROKE PROBLEM?

FHS.460

>STRKLNQ_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

47. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD HYPERTENSION OR HIGH BLOOD PRESSURE?

FHS.470

>HBPLNQ_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

48. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD DIABETES?

FHS.480

>DBTSLNQ_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

49. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD LUNG PROBLEM OR BREATHING PROBLEM?

FHS.490

>LNGPRBLNQ_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

50. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD CANCER?

FHS.500

>CNCRLNQ_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

51. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD WEIGHT PROBLEM?

FHS.510

>WGHTLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

52. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD KIDNEY/BLADDER/RENAL PROBLEM?

FHS.520

>KDNYLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

53. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD CIRCULATION PROBLEMS?

FHS.530

>CIRCLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

54. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD BENIGN TUMORS/CYST?

FHS.540

>TMRLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

55. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD FIBROMYALGIA/LUPUS?

FHS.550

>LPSLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

56. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD OSTEOPOROSIS/ TENDONITIS?

FHS.560

>TNDNLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

57. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD EPILEPSY/SEIZURES?

FHS.570

>SZRLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

58. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD MULTIPLE SCLEROSIS
(MS)/MUSCULAR DYSTROPHY (MD)?

FHS.580

>MSMDLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

59. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD POLIO (MYELITIS),PARALYSIS,PARA-
QUADRAPLEGIA/PARALYSIS?

FHS.590

>POLIOLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

60. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD PARKINSON'S/TREMORS?

FHS.600

>PRKNSNLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

61. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD OTHER NERVE DAMAGE/CARPAL TUNNEL SYNDROME?

FHS.610

>CRPLLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

62. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD A HERNIA?

FHS.620

>HRNIALNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

63. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD AN ULCER?

FHS.630

>ULCRLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

64. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD THYROID PROBLEM/GRAVE'S DISEASE/GOUT?

FHS.640

>GRVSLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

65. HOW LONG {HAVE/HAS} {YOU/SUBJECT NAME} HAD MIGRAINE HEADACHES?

FHS.650

>MRGNLNG_1<

(01-94) 01-94	(1) DAYS(S)
(95) 95+	(2) WEEK(S)
(96) SINCE BIRTH	(3) MONTH(S)
(97) REFUSED	(4) YEAR(S)
(99) DON'T KNOW	(00) NOT APPLICABLE

66. WOULD YOU SAY {SUBJECT NAME'S} HEALTH IN GENERAL IS EXCELLENT, VERY GOOD, GOOD, FAIR, OR POOR?

FHS.660

>HLTHSTS_7<

- (1) EXCELLENT
- (2) VERY GOOD
- (3) GOOD
- (4) FAIR
- (5) POOR
- (7) REFUSED
- (9) DON'T KNOW

4 SECTION III - HEALTH CARE ACCESS AND UTILIZATION

1. DURING THE PAST 12 MONTHS {WERE/WAS} {YOU/ANYONE IN THE FAMILY} A PATIENT IN A HOSPITAL OVERNIGHT? (DO NOT INCLUDE AN OVERNIGHT STAY IN THE EMERGENCY ROOM.)

HCA.010

>HSPTL_1< (1) Yes
 (2) No
 (7) Refused
 (9) Don't know

2. WHO WAS IN A HOSPITAL OVERNIGHT? (ANYONE ELSE?)

HCA.020

>PHOSPYR1< >PHOSPYR6<
>PHOSPYR2< >PHOSPYR7<
>PHOSPYR3< >PHOSPYR8<
>PHOSPYR4< >PHOSPYR9<
>PHOSPYR5< >PHOSPYR10<

3. HOW MANY DIFFERENT TIMES DID {YOU/SUBJECT NAME} STAY IN ANY HOSPITAL OVERNIGHT OR LONGER DURING THE PAST 12 MONTHS?

HCA.030

>HSPTL_2< (1-365) 1-365 TIMES
 (997) REFUSED
 (999) DON'T KNOW

4. ALTOGETHER HOW MANY NIGHTS WAS {SUBJECT NAME} IN THE HOSPITAL DURING THE PAST 12 MONTHS?

>HSPTL_3< (1-365) 1-365 TIMES
 (997) REFUSED
 (999) DON'T KNOW

5. ALTOGETHER HOW MANY NIGHTS HAS {SUBJECT NAME} BEEN UNDER THE CARE OF A DOCTOR OR PHYSICIANS ASSISTANT DURING THE PAST 12 MONTHS?

>PDR_1< (1-365) 1-365 TIMES
 (997) REFUSED
 (999) DON'T KNOW

6. WHO HAS BEEN UNDER THE CARE OF A DOCTOR OR PHYSICIANS ASSISTANT? (ANYONE ELSE?)

>PDR_2<

>PDRYR1<	>PDRYR6<
>PDRYR2<	>PDRYR7<
>PDRYR3<	>PDRYR8<
>PDRYR4<	>PDRYR9<
>PDRYR5<	>PDRYR10<

7. DO YOU HAVE A HEALTH CONDITON OR PROBLEM THAT LIMITS YOUR QUALITY OF LIFE?

FHS.670

>HLTHCND_4<

_19(19) MISSING LIMBS (FINGERS, TOES OR DIGITS), AMPUTEE
_20(20) KIDNEY, BLADDER OR RENAL PROBLEMS
_21(21) CIRCULATION PROBLEMS (INCLUDING BLOOD CLOTS)
_22(22) BENIGN TUMORS, CYSTS
_23(23) FIBROMYALGIA, LUPUS
_24(24) OSTEOPOROSIS, TENDINITIS
_25(25) EPILEPSY, SEIZURES
_26(26) MULTIPLE SCLEROSIS (MS), MUSCULAR DYSTROPHY (MD)
_27(27) POLIO(MYELITIS), PARALYSIS, PARA/QUADRIPLÉGIA
_28(28) PARKINSON'S DISEASE, OTHER TREMORS
_29(29) OTHER NERVE DAMAGE, INCLUDING CARPAL TUNNEL SYNDROME
_30(30) HERNIA
_31(31) ULCER
_32(32) VARICOSE VEINS, HEMORRHOIDS
_33(33) THYROID PROBLEMS, GRAVE'S DISEASE, GOUT
_34(34) KNEE PROBLEMS (NOT ARTHRITIS (03), NOT JOINT INJURY(05))
_35(35) MIGRAINE HEADACHES (NOT JUST HEADACHES)
_36(36) OTHER IMPAIRMENT/PROBLEM (SPECIFY ONE) _____
_37(37) OTHER IMPAIRMENT/PROBLEM (SPECIFY ONE) _____
(97) REFUSED
(99) DON'T KNOW/NOT SURE

5 CLOSURE/LIMITATIONS

Our services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by reputable, qualified environmental consultants practicing in this or similar locations. No other warranty, either expressed or implied, is made as to the professional advice included in this report. These services were performed consistent with our agreement with our client.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We do not warrant the accuracy of information supplied by others or the use of segregated portions of this report.

Respectfully submitted,

Tony Jones, Ph. D.

James Clark, Ph.D.

Project Manager

KOMEX

APPENDIX B

SUMMARY OF PUBLIC MEETINGS

APPENDIX C

LOCAL AREA SURVEY RESULTS

APPENDIX D

PUBLIC HEALTH SURVEY INSTRUMENT

APPENDIX E

SCHOOL SURVEY

STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a ½ mile of the 1700 5th Street Omnitrans station in San Bernardino? (1) Yes (2) No
2. How many members of your household have attended school in an area near the Omnitrans fueling station? _____
3. How many years has each household member attend the school near the Omnitrans fueling stations? _____
4. How many hours per day do you spend outside at home or in the immediate neighborhood of the Omnitrans fueling stations? _____
5. Would you say your child's health is Excellent, Very Good, Good, Fair, or Poor? _____
6. Is there a smoker in the household? (1) Yes (2) No
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? _____ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals? (1) Yes (2) No
Number And Types Of Animals: _____
11. Has your house ever been tested for lead in paint? (1) Yes (2) No
Was Lead Present In The Paint? (1) Yes (2) No
12. Since your child/children have started attending Ramona Alessandro Elementary would you say that their overall health has:
(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your child's health has "declined" above, what do you think is the major cause for this decline in your health:
(1) Air Quality/Smog (2) Stress (3) Injury (4) Infection (5) Other
14. Is your child able to take part at all in the usual kinds of play activities done by most children your child's age?
(1) Yes (2) No
15. What conditions or health problems keeps your child from his/her/their play activities? Circle all that apply
(1) Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem
(4) Asthma (5) Birth Defect (6) Injury
(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem
(9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability
(12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds
(15) Nausea (19) Numbness (20) Don't Know/Not Sure
16. How long has your child had this condition?
(1) Since Birth (2) _____ Years/Months/Days (3) Don't Know
17. Do your child's symptoms (for example breathing problems) lessen when your child is at home or on the weekends?
(1) Yes (2) No
18. Has your child's condition ever been diagnosed by medical personnel?
(1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

ENCUESTA DE SALUD ESTUDIANTIL

Como parte del esfuerzo para cumplir con la Ley del Senado 1927, Omnitrans a autorizado al contratista independiente Komex, realizar una encuesta de salud pública de los residentes y escuelas dentro de la ½ milla de radio de las estaciones de reabastecimiento de combustible de buses de Omnitrans. Esta encuesta inicial esta designada para medir en forma rápida alguno de los factores ambientales que puedan afectar la salud de su hijo(a). La encuesta, no debería tomar más de 5 minutos de su tiempo y es completamente confidencial. Los resultados de esta encuesta serán incluídos en un reporte sobre el estado de salud de la comunidad que será presentado al Gobernador de California. Gracias por su colaboración.

1. Usted vive dentro de la ½ milla de radio de la estación de Omnitrans de la calle 5th No 1700 en San Bernardino?
(1) Si (2) No
2. Cuantos miembros de hogar han asistido a la escuela en una área cerca de la estación de gasolina de Omnitrans?
3. Por cuantos años cada miembro de la familia a asistido a la escuela cerca a la estación de gasolina de Omnitrans?
4. Cuantas horas al día usted permanece fuera de la casa o en el vecindario adjunto a las estaciones de gasolina de Omnitrans?
5. Usted diría que la salud de su hijo (a) es excelente, muy buena, buena, regular o deficiente?
6. Hay algún fumador en el hogar? (1) Si (2) No
7. Que usa el fumador ? (1) Cigarrillos (2) Puro (3) Pipa (4) Otros
8. Cuantos paquetes al día el miembro de la familia fuma?
9. Se le permite al miembro de la familia fumar dentro de la casa ? (1) Si (2) No
11. Tiene mascotas en la casa? Si es así, cuantas, y que tipo ?
(1) Si (2) No Número y tipo de animales:
11. Alguna vez, su casa ha sido examinada para determinar la existencia de plomo en la pintura ?
(1) Si (2) No Se encontró plomo en la pintura? (1) Si (2) No
12. Desde que su hijo (s) asiste a la escuela elemental Ramona Alessandro, usted diría que su salud en general a:
(1) Mejorado significativamente (2) Mejorado de alguna manera (3) Sigue siendo la misma
(4) Desmejorado de alguna manera (5) Desmejorado significativamente (6) No sé
13. Si la salud de su hijo (a) “desmejorado” (arriba), cual cree que es la causa principal de desmejora en su salud:
(1) Calidad del Aire/Smog (2) Stress (3) Lesión (4) Infección (5) Otros
14. Su hijo (a) puede participar en todos los juegos usuales y actividades que los niños de su edad realizan?
(1) Si (2) No
15. Que condiciones o problemas de salud no permiten que su hijo (a) pueda participar en las actividades/juegos con otros niños? Marque con un círculo todas las que se apliquen
(1) Visión/ Problema de Vista (2) Problema de Oído (3) Problema al Hablar
(4) Asma (5) Defecto de Nacimiento (6) Lesión
(7) Retardación Mental (8) Otros Problemas Mentales, Emocionales o de Comportamiento
(9) Problemas de Huesos, Músculos, Articulaciones (10) Epilepsia o Ataques (11) Problemas de Aprendizaje
(12) Déficit en la atención /Hiperactividad (13) Breathing Problemas de Respiración (14) Sangramiento de la Naríz
(15) Náusea (16) Entumecimiento (17) No Sé/ No estoy Seguro
16. Por cuanto tiempo su hijo (a) ha tenido esta condición?
(1) Desde Nacimiento (2) _____ Años/Meses/Días (3) No Sé
17. Los síntomas de su hijo (por ejemplo problemas de respiración) se reducen cuando su hijo (a) esta en la casa o en los fines de semana?
(1) Si (2) No
18. La condición de su hijo (a) a sido alguna vez diagnosticada por personal médico? (1) Si (2) No

Gracias por su participación en el estudio. Si usted tiene alguna pregunta o preocupación, por favor llame a los investigadores principales Drs. James Clark y Tony Jones, al (310) 907-6165 or (714) 330-0405.

INSTRUCTIONS FOR STUDENT HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your child's health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance in this survey of student health at Ramona Alessandro Elementary School.

If you choose to participate, please fill out the enclosed survey and place in the self-addressed stamped envelope and mail as soon as possible (no later than January 23, 2004). If you choose not to participate, please place the unused survey in the self-addressed stamped envelope and mail as soon as possible (no later than January 23, 2004). The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

INSTRUCCIONES PARA LA ENCUESTA DE SALUD ESTUDIANTEL

Como parte del esfuerzo para cumplir con la Ley del Senado 1927, Omnitrans a autorizado al contratista independiente Komex, realizar una encuesta de salud pública de los residents y escuelas dentro de la ½ milla de radio de las estaciones de reabastecimiento de combustible de buses de Omnitrans. Esta encuesta inicial esta designada para medir en forma rápida alguno de los factores ambientales que puedan afectar la salud de su hijo(a). La encuesta, no debería tomar más de 5 minutos de su tiempo y es completamente confidencial. Los resultados de esta encuesta serán incluidos en un reporte sobre el estado de salud de la comunidad que será presentado al Gobernador de California. Gracias por su colaboración en esta encuesta de salud estudiantil en la Escuela Elemental Ramona Alessandro

Si usted escoge participar, por favor llene la encuesta adjunta e insertela en el sobre con la dirección pre-escrita estampada y envíela lo más pronto posible. Si usted escoge no participar, por favor inserte la encuesta no usada en el sobre con la dirección pre-escrita estampada y envíela lo más pronto posible (no más tarde del 23 de Enero del 2004). Los resultados de la encuesta serán incluidos en el reporte del estado de la salud de la comunidad, los que serán presentados al Gobernador de California. Gracias por su asistencia

INSTRUCTIONS FOR STAFF HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance in this survey of staff health at Ramona Alessandro Elementary School.

If you choose to participate, please fill out the enclosed survey and place in the self-addressed stamped envelope and mail as soon as possible (no later than January 28, 2004). If you choose not to participate, please place the unused survey in the self-addressed stamped envelope and mail as soon as possible (no later than January 28, 2004). The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

FACULTY/STAFF HEALTH SURVEY

As part of an effort to comply with Senate Bill 1927, Omnitrans has authorized an independent contractor, Komex, to perform a public health survey of residents and schools within a ½ mile radius of its bus refueling stations. This screening survey is designed to quickly measure some of the environmental factors that may affect your health, should take no more than 5 minutes of your time, and is completely confidential. The results of the survey will be included in a report of the health status of the community that will be presented to the Governor of California. Thank you for your assistance.

1. Do you live within a ½ mile of the 1700 5th Street Omnitrans station in San Bernardino? (1) Yes (2) No
2. How long have you worked at the Ramona-Alessandro Elementary School? _____
3. How many hours per day do you spend outside or in the immediate neighborhood of the Omnitrans fueling stations? _____
4. Would you say your health is Excellent, Very Good, Good, Fair, or Poor? _____
5. Is there a smoker in the household? (1) Yes (2) No
6. Are you the smoker? (1) Yes (2) No
7. What does the smoker use? (1) Cigarette (2) Cigar (3) Pipe (4) Other
8. How many packs a day does the household member smoke? _____ Packs Per Day
9. Is the smoker allowed to smoke inside of the household? (1) Yes (2) No
10. Does your household have pets? If so how many and what types of animals?
(1) Yes (2) No Number And Types Of Animals: _____
11. Has your house ever been tested for lead in paint?
(1) Yes (2) No Was Lead Present In The Paint? (1) Yes (2) No
12. Since you started working at Ramona Alessandro Elementary would you say that your overall health has:
(1) Improved Significantly (2) Improved Somewhat (3) Stayed About The Same
(4) Declined Somewhat (5) Declined Significantly (6) Don't Know
13. If your health has "declined" above, what do you think is the major cause for this decline in your health:
(1) Air Quality/Smog (2) Stress (3) Injury (4) Infection (5) Other
14. Are you able to take part at all in the usual kinds of work activities done by most adults your age?
(1) Yes (2) No
15. What conditions or health problems keeps you from work activities? Circle all that apply
(1) Vision/ Problem Seeing (2) Hearing Problem (3) Speech Problem
(4) Asthma (5) Birth Defect (6) Injury
(7) Mental Retardation (8) Other Mental, Emotional, Or Behavioral Problem
(9) Bone, Joint, Or Muscle Problem (10) Epilepsy Or Seizures (11) Learning Disability
(12) Attention Deficit/Hyperactive Disorder (13) Breathing Problem (14) Nosebleeds
(15) Nausea (19) Numbness (20) Don't Know/Not Sure
16. How long has you had this condition?
(1) Since Birth (2) _____ Years/Months/Days (3) Don't Know
17. Do your symptoms (for example breathing problems) lessen when you are at home or on the weekends?
(1) Yes (2) No
18. Has your condition ever been diagnosed by medical personnel?
(1) Yes (2) No

Thank you for participating in the study. If you have any questions or concerns please call the principal investigators, Drs. James Clark and Tony Jones, at (310) 907-6165 or (714) 330-0405.

APPENDIX F

EDR REPORTS



The EDR Radius Map with GeoCheck®

**1700 West 5th St.
1700 West 5th St.
San Bernadino, CA 92411**

Inquiry Number: 01074387.1r

October 31, 2003

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1700 WEST 5TH ST.
SAN BERNADINO, CA 92411

COORDINATES

Latitude (North): 34.108400 - 34° 6' 30.2"
Longitude (West): 117.323200 - 117° 19' 23.5"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 470190.4
UTM Y (Meters): 3774027.5
Elevation: 1120 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2434117-A3 SAN BERNARDINO SOUTH, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
OMNITRANS 1700 W 5TH ST SAN BERNARDINO, CA 92411	HAZNET CA FID UST San Bern. Co. Permit HIST UST	N/A
OMNITRANS 1700 5TH ST SAN BERNARDINO, CA 92411	LUST Cortese	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL	Proposed National Priority List Sites
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	Resource Conservation and Recovery Information System
RCRIS-SQG	Resource Conservation and Recovery Information System
ERNS	Emergency Response Notification System

STATE ASTM STANDARD

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
Notify 65	Proposition 65 Records
Toxic Pits	Toxic Pits Cleanup Act Sites
WMUDS/SWAT	Waste Management Unit Database
CA BOND EXP. PLAN	Bond Expenditure Plan
VCP	Voluntary Cleanup Program Properties
INDIAN UST	Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
DOD	Department of Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Petroleum Storage Tank Facilities
CLEANERS	Cleaner Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
SCH	School Property Evaluation Program
EMI	Emissions Inventory Data
REF	Unconfirmed Properties Referred to Another Agency
NFA	No Further Action Determination
NFE	Properties Needing Further Evaluation
CA SLIC	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas	Former Manufactured Gas (Coal Gas) Sites
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EXECUTIVE SUMMARY

BROWNFIELDS DATABASES

US BROWNFIELDS A Listing of Brownfields Sites
VCP Voluntary Cleanup Program Properties

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed that there are 2 CHMIRS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1215 N. MEDICAL CENTER	1/2 - 1 N	18	28
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>Not reported</i>	<i>1685 SANTA FE WAY</i>	<i>1/4 - 1/2SSW</i>	<i>15</i>	<i>22</i>

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 4 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>HMC DEVELOPMENT</i>	<i>1375 BASELINE RD</i>	<i>1/2 - 1 NNE</i>	<i>19</i>	<i>29</i>
<i>HUD INTOWN PROPERTIES</i>	<i>1145 10TH ST</i>	<i>1/2 - 1 NE</i>	<i>20</i>	<i>31</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>ATCHISON, TOPEKA & SANTA</i>	<i>1170</i>	<i>1/2 - 1 ESE</i>	<i>16</i>	<i>23</i>

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CONOCO (KAYO OIL/ECONO)	1169 2ND ST	1/2 - 1 ESE	17	25

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KORITAS TIRE'S	1632 WEST 5TH ST.	0 - 1/8 E	A4	13

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 04/02/2003 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FOURTH ST ROCK CRUSHER	1945 W 4TH ST	1/4 - 1/2 WSW	14	17

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 04/02/2003 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
C-STAR SERVICE STATION	1545 W 5TH ST	1/8 - 1/4 E	B8	15

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
C-STAR	1545 W 5TH ST	1/8 - 1/4 E	B10	16

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2

EXECUTIVE SUMMARY

HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
5TH AVE. TIRE & MINI MART	1632 W 5TH ST	0 - 1/8 E	A3	12
LERNER OIL STATION	1545 W 5TH ST	1/8 - 1/4 E	B11	16

STATE OR LOCAL ASTM SUPPLEMENTAL

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 5 HAZNET sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
OMNI TRAN	555-595 N GARDENA ST	1/8 - 1/4 WNW	7	15
HAPPY BOY CARWASH	520 FLORES ST	1/8 - 1/4 W	12	17
SBCUSD/ROMONA ALESSANDRO ELEME	670 RAMONA	1/8 - 1/4 NNE	13	17
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PRIETO AUTO BODY REPAIR	1582 W FOURTH ST	1/8 - 1/4 SSE	6	14
C STAR STATION/EDITH WOOD	1545 W 5TH STREET	1/8 - 1/4 E	B9	15

DEHS Permit System: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, has revealed that there is 1 San Bern. Co. Permit site within approximately 0.25 miles of the target property.

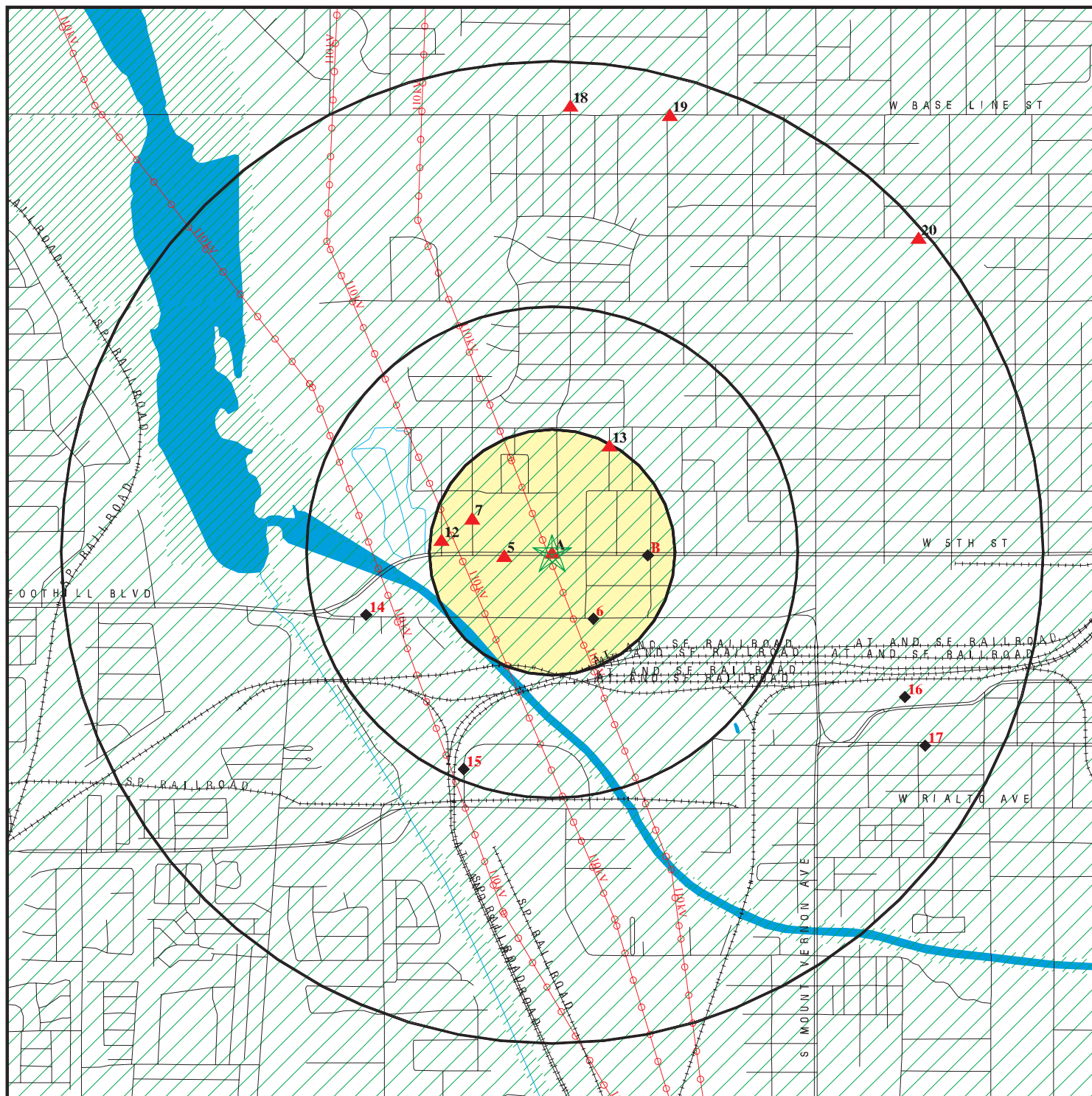
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CI-SB CITY/NUNEZ PARK	1717 5TH ST	0 - 1/8 W	5	14

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
572 S MT VERNON AV	CHMIRS, San Bern. Co. Permit
HWY 58 2 MI WEST OF HWY 359	CHMIRS, EMI
RIALTO LILAC STREET	CHMIRS, EMI
ALTA DENA DAIRY	LUST, Cortese
ARCO #5181	LUST, Cortese
ROESH LINES, INC.	LUST, Cortese
SECCOMBE LAKE STATE REC AREA	CERC-NFRAP
CALTRANS PANARAMA PT.MAINT.ST.	LUST
J HUBBS&SONS/7TH ST DUMP	UST
5TH AVE. TIRE & MINI MART	CA FID UST
UNOCAL SERVICE STATION #5961	HAZNET
CIRCLE K STORES INC STATION #5700	HAZNET
RAIL SHOP AREA/470 NORTH "L" ST.	ERNS
CUCO CARBURATOR	San Bern. Co. Permit
FELIX AUTOMOTIVE	San Bern. Co. Permit
TINOS AUTO REPAIR	San Bern. Co. Permit
RAMIREZ AUTO REPAIR	San Bern. Co. Permit

OVERVIEW MAP - 01074387.1r - Komex H2O Science



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

- ▨ Areas of Concern

0 1/4 1/2 1 Miles



TARGET PROPERTY: 1700 West 5th St.
 ADDRESS: 1700 West 5th St.
 CITY/STATE/ZIP: San Bernadino CA 92411
 LAT/LONG: 34.1084 / 117.3232

CUSTOMER: Komex H2O Science
 CONTACT: MARISA FONTANOZ
 INQUIRY #: 01074387.1r
 DATE: October 31, 2003 8:11 am

[illegible]

-

CUSTOMER: Komex H2O Science
CONTACT: MARISA FONTANOZ
INQUIRY #: 01074387.1r
DATE: October 31, 2003 8:12 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	1	1	NR	2
Cortese	X	1.000	0	0	0	4	NR	4
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	1	0	0	NR	NR	1
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST	X	0.500	0	0	1	NR	NR	1
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	1	NR	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST	X	0.250	0	1	NR	NR	NR	1
HIST UST	X	0.250	1	1	NR	NR	NR	2
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	0	5	NR	NR	NR	5
San Bern. Co. Permit	X	0.250	1	0	NR	NR	NR	1

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
----------	--	-------	---	---	---	---	----	---

BROWNFIELDS DATABASES

US BROWNFIELDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

**A1 OMNITRANS
Target 1700 W 5TH ST
Property SAN BERNARDINO, CA 92411**

**HAZNET 1000264881
CA FID UST N/A
San Bern. Co. Permit
HIST UST**

Site 1 of 4 in cluster A

**Actual:
1120 ft.**

HAZNET:
Gepaid: CAD981379068
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 1.1585
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: OMNITRANS
Telephone: \ (909) 889-0811
Mailing Address: 1700 WEST FIFTH ST
SAN BERNARDINO, CA 92411 - 2499
County San Bernardino
Gepaid: CAD981379068
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 25.437
Waste Category: Tank bottom waste
Disposal Method: Treatment, Tank
Contact: OMNITRANS
Telephone: \ (909) 889-0811
Mailing Address: 1700 WEST FIFTH ST
SAN BERNARDINO, CA 92411 - 2499
County San Bernardino
Gepaid: CAD981379068
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.035
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: OMNITRANS
Telephone: \ (909) 889-0811
Mailing Address: 1700 WEST FIFTH ST
SAN BERNARDINO, CA 92411 - 2499
County San Bernardino
Gepaid: CAD981379068
TSD EPA ID: CAD982444481
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 0.6
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Transfer Station
Contact: OMNITRANS
Telephone: \ (909) 889-0811
Mailing Address: 1700 WEST FIFTH ST
SAN BERNARDINO, CA 92411 - 2499

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OMNITRANS \Continued\

EDR ID Number
EPA ID Number

1000264881

County San Bernardino
Gepaid: CAD981379068
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.7797
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: OMNITRANS
Telephone: \909\ 889-0811
Mailing Address: 1700 WEST FIFTH ST
SAN BERNARDINO, CA 92411 - 2499
County San Bernardino

The CA HAZNET database contains 47 additional records for this site.
Please click [here](#) or contact your EDR Account Executive for more information.

FID:

Facility ID:	36000418	Regulate ID:	00003292
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	1700 W 5TH ST		
	SAN BERNARDINO, CA 92411		
Contact:	Not reported	Contact Tel:	Not reported
DUNS No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

DEHS Permit:

Facility ID: PT0011949
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011950
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011951
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011952
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011953
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011954

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OMNITRANS \Continued\

EDR ID Number
EPA ID Number

Database(s)

1000264881

Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011955
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011956
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0002395
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 07/31/2004

Facility ID: PT0002396
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 07/31/2004

UST HIST:

Facility ID: 3292
Tank Num: 1
Tank Capacity: 12000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 12
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \714\ 889-0811
Region: STATE
Other Type: TRANSIT \PUBLIC AGEN

Facility ID: 3292
Tank Num: 2
Tank Capacity: 12000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 12
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 2
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \714\ 889-0811
Region: STATE
Other Type: TRANSIT \PUBLIC AGEN

Facility ID: 3292
Tank Num: 3
Tank Capacity: 12000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 12
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 3
Year Installed: 1981
Tank Construction: Not reported

Telephone: \714\ 889-0811
Region: STATE
Other Type: TRANSIT \PUBLIC AGEN

Facility ID: 3292
Tank Num: 4
Tank Capacity: 12000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: Not reported

Tank Used for: PRODUCT
Container Num: 4
Year Installed: 1981
Tank Construction: Not reported

Telephone: \714\ 889-0811

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OMNITRANS \Continued\

1000264881

Total Tanks:	12	Region:	STATE
Facility Type:	Other	Other Type:	TRANSIT \PUBLIC AGEN
Facility ID:	3292	Tank Used for:	PRODUCT
Tank Num:	5	Container Num:	5
Tank Capacity:	5000	Year Installed:	1978
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Stock Inventor	Telephone:	\(714\) 889-0811
Contact Name:	Not reported	Region:	STATE
Total Tanks:	12	Other Type:	TRANSIT \PUBLIC AGEN
Facility Type:	Other		
Facility ID:	3292	Tank Used for:	PRODUCT
Tank Num:	6	Container Num:	6
Tank Capacity:	5000	Year Installed:	1978
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual	Telephone:	\(714\) 889-0811
Contact Name:	Not reported	Region:	STATE
Total Tanks:	12	Other Type:	TRANSIT \PUBLIC AGEN
Facility Type:	Other		
Facility ID:	3292	Tank Used for:	PRODUCT
Tank Num:	7	Container Num:	7
Tank Capacity:	550	Year Installed:	1981
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Stock Inventor	Telephone:	\(714\) 889-0811
Contact Name:	Not reported	Region:	STATE
Total Tanks:	12	Other Type:	TRANSIT \PUBLIC AGEN
Facility Type:	Other		
Facility ID:	3292	Tank Used for:	WASTE
Tank Num:	8	Container Num:	8
Tank Capacity:	1250	Year Installed:	1978
Type of Fuel:	Not Reported	Tank Construction:	4 inches
Leak Detection:	None	Telephone:	\(714\) 889-0811
Contact Name:	Not reported	Region:	STATE
Total Tanks:	12	Other Type:	TRANSIT \PUBLIC AGEN
Facility Type:	Other		
Facility ID:	3292	Tank Used for:	WASTE
Tank Num:	9	Container Num:	9
Tank Capacity:	1500	Year Installed:	1978
Type of Fuel:	Not Reported	Tank Construction:	4 inches
Leak Detection:	None	Telephone:	\(714\) 889-0811
Contact Name:	Not reported	Region:	STATE
Total Tanks:	12	Other Type:	TRANSIT \PUBLIC AGEN
Facility Type:	Other		
Facility ID:	3292	Tank Used for:	WASTE
Tank Num:	10	Container Num:	10
Tank Capacity:	1250	Year Installed:	1978
Type of Fuel:	Not Reported	Tank Construction:	4 inches
Leak Detection:	None	Telephone:	\(714\) 889-0811
Contact Name:	Not reported	Region:	STATE
Total Tanks:	12	Other Type:	TRANSIT \PUBLIC AGEN
Facility Type:	Other		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OMNITRANS \Continued\

1000264881

Facility ID: 3292
Tank Num: 11
Tank Capacity: 550
Type of Fuel: WASTE OIL
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 12
Facility Type: Other

Tank Used for: WASTE
Container Num: 11
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \714\ 889-0811
Region: STATE
Other Type: TRANSIT \PUBLIC AGEN

Facility ID: 3292
Tank Num: 12
Tank Capacity: 1000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 12
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 12
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \714\ 889-0811
Region: STATE
Other Type: TRANSIT \PUBLIC AGEN

A2 OMNITRANS
Target 1700 5TH ST
Property SAN BERNARDINO, CA 92411

LUST S105026070
Cortese N/A

Site 2 of 4 in cluster A

Actual:
1120 ft.

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 083602206T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: 11/24/1992
Workplan: 1/21/92
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 07/13/1994
Release Date: 01/21/1993
Cleanup Fund Id : Not reported
Discover Date : 11/24/1992
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/16/1993
Funding: Not reported
Staff Initials: LH6
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 93001

Confirm Leak: 11/24/1992
Prelim Assess: 1/21/92
Remed Plan: Not reported

MAP FINDINGS

EDR ID Number
EPA ID Number

S105026070

Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : CAROLINE HALL
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 12/12/1994
Stop Date : 11/24/1992
Work Suspended :Not reported
Responsible PartyOMNITRANS
RP Address: 1700 W. 5TH STREET, SAN BERNARDINO, CA 92411
Global Id: T0607100269
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	8006619	Cross Street:	Not reported
Regional Board:	08		
Local Case Num:	93001		
Facility Status:	Case Closed		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	11/24/92	Confirm Leak:	11/24/92
Workplan:	1/21/92	Prelim Assess:	1/21/92
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	07/13/1994		
Cleanup Fund Id :	Not reported		
Discover Date :	11/24/1992		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	03/16/1993		
Funding:	Not reported		
Staff Initials:	LH6		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.1235498 / -117.3200065		
Leak Cause:	UNK		
Leak Source:	UNK		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OMNITRANS \Continued\

EDR ID Number
EPA ID Number

Database(s)

S105026070

GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : CAROLINE HALL
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :Not reported
Responsible PartyOMNITRANS
Well name: BASELINE AND CALIFORNIA
Distance From Lust: 2904.5881535630033904325324173
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01N/04W-32N01 S
Case Type: Soil only
Global ID: T0607100269
How Stopped Date: 11/24/1992
Organization Name: Not reported
Contact Person: Not reported
RP Address: 1700 W. 5TH STREET, SAN BERNARDINO, CA 92411
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083602206T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: VALERIE JAHN
Case Type: S
Summary: DIESEL ALSO

CORTESE:

Reg Id: 083602206T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

A3
East
< 1/8
120 ft.

5TH AVE. TIRE & MINI MART
1632 W 5TH ST
SAN BERNARDINO, CA 92411

HIST UST U001576215
N/A

Site 3 of 4 in cluster A

Relative:
Lower

UST HIST:

Actual:
1119 ft.

Facility ID: 51212
Tank Num: 1
Tank Capacity: 10000
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: RICKY DANIEL
Total Tanks: 3
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \714\ 884-1415
Region: STATE
Other Type: TIRE & CANDY STORE

Facility ID: 51212
Tank Num: 2
Tank Capacity: 10000
Type of Fuel: Not Reported
Leak Detection: None

Tank Used for: PRODUCT
Container Num: 2
Year Installed: Not reported
Tank Construction: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

5TH AVE. TIRE & MINI MART \Continued\

EDR ID Number
EPA ID Number

Database(s)

U001576215

Contact Name:	RICKY DANIEL	Telephone:	\(714\) 884-1415
Total Tanks:	3	Region:	STATE
Facility Type:	Other	Other Type:	TIRE & CANDY STORE
Facility ID:	51212	Tank Used for:	PRODUCT
Tank Num:	3	Container Num:	3
Tank Capacity:	10000	Year Installed:	Not reported
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	RICKY DANIEL	Telephone:	\(714\) 884-1415
Total Tanks:	3	Region:	STATE
Facility Type:	Other	Other Type:	TIRE & CANDY STORE

A4
East
< 1/8
120 ft.
Relative:
Lower

KORITAS TIRE'S
1632 WEST 5TH ST.
SAN BERNARDINO, CA

SWF/LF S103340423
N/A

Site 4 of 4 in cluster A

LF:

Facility ID:	36-TI-0828
Operator:	Koritas Tire's
Operator Phone:	\(909\) 889-0614
Operator Addr:	1632 West 5th Street San Bernardino, CA 92411
Owner:	Not reported
Owner Address:	Not reported
Owner Telephone:	Not reported
Activity:	Waste Tire Location
Operator's Status:	To Be Determined
Regulation Status:	To Be Determined
Region:	STATE
Lat/Long:	34 / -117
Permit Date:	Not reported
Accepted Waste:	
Restrictions:	
Status :	Not reported
Swisnumber :	Not reported
Site Type :	Not reported
Aka :	Not reported
Type Of Waste :	Not reported
Disposal Area :	Not reported
SWFP Date :	Not reported
WDR Number :	Not reported
Dates Of Operation :	Not reported
Closure Approved :	Not reported
Date Of Field Units :	Not reported
Surface Condition :	Not reported
Landfill Gas :	Not reported
Leachate :	Not reported
Emergency Response :	Not reported
Other Recommendation :	Not reported
Reassess Site :	Not reported
Priority For Site Assessment :	Not reported
Lea Date :	Not reported
Explanation:	Not Reported
No Further Action:	Not Reported
Permitted Throughput with Units:	0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

KORITAS TIRE'S (Continued)

S103340423

Permitted Throughput with Units: 0
Permitted Throughput with Units: 0
Actual Throughput with Units: Not reported
Actual Capacity with Units: 0
Permitted Capacity with Units: 0
Remaining Capacity with Units: Not reported
Permitted Total Acreage: 0
Inspection Frequency: None
Landuse Name: Not reported
GIS Source: Map
Permit Status: Not reported
Category: Waste Tire Site
Unit Number: 01
Last Waste Tire Inspection Count : 0
Last Waste Tire Inspection Date: Not reported
Original Waste Tire Count: 0
Original Waste Tire Count Date: Not reported
Closure Date: / /
Closure Type: Not reported
Disposal Acreage: Not reported
Remaining Capacity: Not reported

5
West
< 1/8
515 ft.

CI-SB CITY/NUNEZ PARK
1717 5TH ST
SAN BERNARDINO, CA 92411

San Bern. Co. Permit **S104765112**
N/A

Relative: DEHS Permit:
Higher Facility ID: PT0004213
Facility Status: ACTIVE
Actual: Permit Category: Hazmat Handler 0-10 Employees
1123 ft. Expiration Date: 07/31/2004

6
SSE
1/8-1/4
844 ft.

PRIETO AUTO BODY REPAIR
1582 W FOURTH ST
SAN BERNARDINO, CA 92404

HAZNET **S103982626**
N/A

Relative: HAZNET:
Lower Gepaid: CAL000078852
TSD EPA ID: CAT080011059
Actual: Gen County: San Bernardino
1111 ft. Tsd County: Los Angeles
Tons: .4795
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: GUTTIEREZ ISRAEL
Telephone: \000\ 000-0000
Mailing Address: 1582 W 4TH ST
SAN BERNARDINO, CA 92411 - 2501
County San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7
WNW
1/8-1/4
933 ft.

OMNI TRAN
555-595 N GARDENA ST
SAN BERNARDINO, CA 92410

HAZNET **S103980012**
N/A

Relative:
Higher

HAZNET:

Gepaid: CAC000743912
TSD EPA ID: AZD983481813
Gen County: San Bernardino
Tsd County: 99
Tons: .0350
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Contact: OMNI TRAN
Telephone: \(\000\ 000-0000
Mailing Address: 1700 W 5TH ST
SAN BERNARDINO, CA 92410
County San Bernardino

Actual:
1129 ft.

B8
East
1/8-1/4
1033 ft.

C-STAR SERVICE STATION
1545 W 5TH ST
SAN BERNARDINO, CA 92411

UST **U003784831**
N/A

Relative:
Lower

Site 1 of 4 in cluster B

State UST:
Facility ID: 86009551
Region: STATE
Local Agency: 36000

Actual:
1115 ft.

B9
East
1/8-1/4
1033 ft.

C STAR STATION/EDITH WOOD
1545 W 5TH STREET
SAN BERNARDINO, CA 92410

HAZNET **S105086101**
N/A

Relative:
Lower

Site 2 of 4 in cluster B

HAZNET:
Gepaid: CAC002273153
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 2.5020
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: EDITH WOOD
Telephone: \(\909\ 683-6930
Mailing Address: PO BOX 1528
RIVERSIDE, CA 92502
County San Bernardino

Actual:
1115 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

B10
East
1/8-1/4
1033 ft.

C-STAR
1545 W 5TH ST
SAN BERNARDINO, CA 92410

CA FID UST **S101591529**
N/A

Site 3 of 4 in cluster B

Relative:
Lower

FID:

Actual:
1115 ft.

Facility ID:	36008351	Regulate ID:	00005712
Reg By:	Active	Underground Storage Tank Location	
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	480 CALOVERA AVE		
	SAN BERNARDINO, CA 92410		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

B11
East
1/8-1/4
1033 ft.

LERNER OIL STATION
1545 W 5TH ST
SAN BERNARDINO, CA 92410

HIST UST **U001576184**
N/A

Site 4 of 4 in cluster B

Relative:
Lower

UST HIST:

Actual:
1115 ft.

Facility ID:	5712	Tank Used for:	PRODUCT
Tank Num:	1	Container Num:	15451
Tank Capacity:	10000	Year Installed:	1961
Type of Fuel:	PREMIUM	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Pressure Test		
Contact Name:	Not reported	Telephone:	\(714\) 683-6930
Total Tanks:	3	Region:	STATE
Facility Type:	Gas Station	Other Type:	Not reported
Facility ID:	5712	Tank Used for:	PRODUCT
Tank Num:	2	Container Num:	15452
Tank Capacity:	12000	Year Installed:	1961
Type of Fuel:	UNLEADED	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Pressure Test		
Contact Name:	Not reported	Telephone:	\(714\) 683-6930
Total Tanks:	3	Region:	STATE
Facility Type:	Gas Station	Other Type:	Not reported
Facility ID:	5712	Tank Used for:	PRODUCT
Tank Num:	3	Container Num:	15453
Tank Capacity:	12000	Year Installed:	1961
Type of Fuel:	REGULAR	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor, Pressure Test		
Contact Name:	Not reported	Telephone:	\(714\) 683-6930
Total Tanks:	3	Region:	STATE
Facility Type:	Gas Station	Other Type:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
12 West 1/8-1/4 1197 ft.	HAPPY BOY CARWASH 520 FLORES ST SAN BERNARDINO, CA 92410	HAZNET	S104573132 N/A
Relative: Higher	HAZNET: Gepaid: CAC002231641 TSD EPA ID: CAT080013352 Gen County: San Bernardino Tsd County: Los Angeles Tons: 20.016 Waste Category: Waste oil and mixed oil Disposal Method: Recycler Contact: WILLIAM JEBO Telephone: \ (909) 884-2316 Mailing Address: 520 FLORES ST SAN BERNARDINO, CA 92410 County: San Bernardino		
Actual: 1127 ft.			
13 NNE 1/8-1/4 1305 ft.	SBCUSD/ROMONA ALESSANDRO ELEMENTARY SCH 670 RAMONA SAN BERNARDINO, CA 92411	HAZNET	S104575683 N/A
Relative: Higher	HAZNET: Gepaid: CAL000021824 TSD EPA ID: CAD009007626 Gen County: San Bernardino Tsd County: Los Angeles Tons: 0.8428 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Contact: SAN BERNARDINO CITY USD Telephone: \ (909) 388-1164 Mailing Address: C/O ENVTL SAFETY OFF 777 NORTH F STREET SAN BERNARDINO, CA 92410 - 2800 County: San Bernardino		
Actual: 1133 ft.			
14 WSW 1/4-1/2 2108 ft.	FOURTH ST ROCK CRUSHER 1945 W 4TH ST SAN BERNARDINO, CA 92412	RCRIS-SQG FINDS HAZNET LUST UST San Bern. Co. Permit	1000370123 CAD981992647
Relative: Lower	RCRIS: Owner: H NORMAN JOHNSON JR \ (415) 555-1212 EPA ID: CAD981992647 Contact: ENVIRONMENTAL MANAGER \ (714) 885-6866 Classification: Small Quantity Generator TSDF Activities: Not reported		
Actual: 1119 ft.			

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FOURTH ST ROCK CRUSHER \Continued

1000370123

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System \FRS\

NEI

National Toxics Inventory \NTI\

Resource Conservation and Recovery Act Information system \RCRAINFO\

State LUST:

Cross Street: RANCHO AVE.

Qty Leaked: Not reported

Case Number 083603901T

Reg Board: 8

Chemical: Diesel

Lead Agency: Local Agency

Local Agency : 0

Case Type: Soil only

Status: No Action

Review Date: Not reported

Workplan: Not reported

Pollution Char: Not reported

Remed Action: Not reported

Monitoring: Not reported

Close Date: Not reported

Release Date: 04/10/2002

Cleanup Fund Id : Not reported

Discover Date : 04/02/2002

Enforcement Dt : Not reported

Enf Type: Not reported

Enter Date : / /

Funding: Not reported

Staff Initials: CR2

How Discovered: Tank Closure

How Stopped: Not reported

Interim : Not reported

Leak Cause: UNK

Leak Source: Piping

MTBE Date : / /

Max MTBE GW : 0 Parts per Billion

MTBE Tested: Not Required to be Tested.

Priority: Not reported

Local Case # : 2002013

Beneficial: Not reported

Staff : CAB

GW Qualifier : Not reported

Max MTBE Soil : Not reported

Soil Qualifier : Not reported

Hydr Basin #: Not reported

Operator : Not reported

Oversight Prgm : Not reported

Review Date : Not reported

Stop Date : / /

Work Suspended :Not reported

Responsible PartyEWALD BURMESTER

RP Address: P.O. BOX 6490

Global Id: T0607170228

Confirm Leak: Not reported

Prelim Assess: Not reported

Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FOURTH ST ROCK CRUSHER (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000370123

Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12034
Regional Board: 08
Local Case Num: 2002013
Facility Status: Case Closed
Staff: CARL BERRHARDT
Lead Agency: Local Agency
Local Agency: 36000L
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 10/29/2002
Cleanup Fund Id : Not reported
Discover Date : 04/02/2002
Enforcement Dt : Not reported
Enf Type: TA-CLO
Enter Date : / /
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.106463 / -117.329828
Leak Cause: UNK
Leak Source: Piping
Beneficial: MUN
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LUST
Priority : Not reported
Work Suspended : Not reported
Responsible Party: EWALD BURMESTER
Well name: Not reported
Distance From Lust: 1525.4971147443009398753885063
Waste Disch Global Id: Not reported
MTBE Class: *
Waste Disch Assigned Name: Not reported
Case Type: Soil only

Cross Street: RANCHO AVE.

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FOURTH ST ROCK CRUSHER \Continued)

1000370123

Global ID: T0607170228
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: P.O. BOX 6490
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083603901T
Water System Name: Not reported
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: DIESEL
Staff: CARL BERHHARDT
Case Type: S
Summary: Not reported

HAZNET:

Gepaid: CAD981992647
TSD EPA ID: CAD008302903
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 7.0000
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: H NORMAN JOHNSON JR
Telephone: \909\ 885-6866
Mailing Address: PO BOX 6490
SAN BERNARDINO, CA 92412
County: San Bernardino

Gepaid: CAD981992647
TSD EPA ID: CAT080022148
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 1.7500
Waste Category: Contaminated soil from site clean-ups
Disposal Method: Transfer Station
Contact: H NORMAN JOHNSON JR
Telephone: \909\ 885-6866
Mailing Address: PO BOX 6490
SAN BERNARDINO, CA 92412
County: San Bernardino

Gepaid: CAD981992647
TSD EPA ID: CAT080011059
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .1959
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: H NORMAN JOHNSON JR
Telephone: \909\ 885-6866
Mailing Address: PO BOX 6490
SAN BERNARDINO, CA 92412
County: San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FOURTH ST ROCK CRUSHER \Continued

EDR ID Number
EPA ID Number

Database(s)

1000370123

Gepaid: CAD981992647
TSD EPA ID: CAD000088252
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2293
Waste Category: Alkaline solution without metals \(\text{pH} > 12.5\)
Disposal Method: Not reported
Contact: H NORMAN JOHNSON JR
Telephone: \909\ 885-6866
Mailing Address: PO BOX 6490
SAN BERNARDINO, CA 92412
County San Bernardino
Gepaid: CAD981992647
TSD EPA ID: Not reported
Gen County: San Bernardino
Tsd County: 0
Tons: .2293
Waste Category: Alkaline solution without metals \(\text{pH} > 12.5\)
Disposal Method: Transfer Station
Contact: H NORMAN JOHNSON JR
Telephone: \909\ 885-6866
Mailing Address: PO BOX 6490
SAN BERNARDINO, CA 92412
County San Bernardino

The CA HAZNET database contains 8 additional records for this site.
Please click [here](#) or contact your EDR Account Executive for more information.

DEHS Permit:

Facility ID: PT0002389
Facility Status: INACTIVE
Permit Category: Hazmat Handler 11-25 Employees \w/Gen Prmt\
Expiration Date: 07/31/2003

Facility ID: PT0002390
Facility Status: INACTIVE
Permit Category: Generator - 11-25 Employees
Expiration Date: 07/31/2003

Facility ID: PT0012801
Facility Status: INACTIVE
Permit Category: Aboveground Petroleum Storage \AST\ \SPCC\
Expiration Date: 07/31/2002

State UST:

Facility ID: 86009136
Region: STATE
Local Agency: 36000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

15
SSW
1/4-1/2
2515 ft.

1685 SANTA FE WAY
SAN BERNARDINO, CA 92410

CHMIRS
San Bern. Co. Permit

S104769804
N/A

Relative:
Lower

Actual:
1118 ft.

CHMIRS:

OES Control Number:	99-3235
Chemical Name:	Methlnaphthalenes
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	99-3235
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	0
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Rail Road
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	Container carrying the material and a few droplets were dripping on the asphalt. Container was moved to the Haz pit
Type :	CHEMICAL
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	8/2/99 1015
Evacuations :	0

DEHS Permit:

Facility ID: PT0008678

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

\(Continued\)

S104769804

Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 08/31/2004

Facility ID: PT0008679
Facility Status: ACTIVE
Permit Category: Special Generator(B)
Expiration Date: 08/31/2004

16
ESE
1/2-1
4102 ft.

Relative:
Lower

Actual:
1064 ft.

ATCHISON, TOPEKA & SANTA
1170
SAN BERNARDINO, CA 92410

LUST
Cortese
CA SLIC

S101301319
N/A

State LUST:

Cross Street: MT. VERNON
Qty Leaked: Not reported
Case Number: 083601230T
Reg Board: 8
Chemical: Solvents
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: No Action
Review Date: Not reported
Workplan: 7/26/89
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 05/25/1989
Cleanup Fund Id : Not reported
Discover Date : 05/18/1989
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 09/05/1989
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 90095
Beneficial: Not reported
Staff : RLH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm : SLIC
Review Date : 10/04/1996
Stop Date : 05/18/1989

Confirm Leak: Not reported
Prelim Assess: 7/26/89
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ATCHISON, TOPEKA & SANTA (Continued\)

S101301319

Work Suspended :Not reported
Responsible PartyAT.,TOPEKA, SANTA FE RAILWAY
RP Address: ONE SANTA FE PLAZE, 5200 E. SHEILA ST., L.A. 90040
Global Id: T0607100141
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	13	Cross Street:	MT. VERNON
Regional Board:	08		
Local Case Num:	90095		
Facility Status:	Pollution Characterization		
Staff:	ROBERT HOLUB		
Lead Agency:	Regional Board		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	7/26/89	Prelim Assess:	7/26/89
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/18/1989		
Enforcement Dt :	1/1/65		
Enf Type:	None Taken		
Enter Date :	09/05/1989		
Funding:	Not reported		
Staff Initials:	CR2		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Yes		
Lat/Lon :	34.1082285 / -117.2965765		
Leak Cause:	UNK		
Leak Source:	UNK		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NRQ		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	UPPER SANTA ANA VALL		
Operator :	Not reported		
Oversight Prgm :	SLIC		
Priority :	Not reported		
Work Suspended :	Not reported		
Responsible PartyAT.,TOPEKA, SANTA FE RAILWAY			
Well name:	10 TH & J WELL		
Distance From Lust:	2080.913659115614637000879622		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ATCHISON, TOPEKA & SANTA (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101301319

Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 036/039-002
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100141
How Stopped Date: 05/18/1989
Organization Name: Not reported
Contact Person: Not reported
RP Address: ONE SANTA FE PLAZE, 5200 E. SHEILA ST., L.A. 90040
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083601230T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: POLLUTION CHARACTERIZATION
Substance: SOLVENTS
Staff: ROBERT HOLUB
Case Type: A
Summary: CHLORINATED SOLVENT IN THE GROUNDWATER GASOLINE, DIESEL

CORTESE:

Reg Id: 083601230T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

SLIC Region 8:

Facility ID: 197
Type: Soil and Groundwater
Region: 8
Facility Status: Additional Characterization Underway
Lead Agency: Regional Board
Cross Street: Not reported
Sub Release: SOLVENT,TPH
Staff: Robert Holub, Tel 909-782-3298, SLIC
Location Code: Not reported
Thomas Bros map: Not reported
Program: SLIC
CAO Number: Not reported
ACL Number: Not reported
Permit Number: Not reported
Complexity: Not reported
Comments: APPROVAL HAS BEEN GIVEN FOR PHASE II WORKPLAN AND SAMPLING PLAN, FINAL REPORT DUE 7/92

17
ESE
1/2-1
4517 ft.

CONOCO (KAYO OIL/ECONO)
1169 2ND ST
SAN BERNARDINO, CA 92410

LUST S105026065
Cortese N/A

Relative:
Lower

State LUST:

Cross Street: L STREET
Qty Leaked: Not reported
Case Number: 083600133T
Reg Board: 8
Chemical: Chlorinated Hydrocarbons
Lead Agency: Regional Board
Local Agency: 0
Case Type: Aquifer affected

Actual:
1063 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONOCO (KAYO OIL/ECONO) (Continued)

S105026065

Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Vapor Extraction, Pending
Review Date: 12/20/1985 Confirm Leak: 12/20/1985
Workplan: 6/1/86 Prelim Assess: 6/1/86
Pollution Char: 2/25/87 Remed Plan: 2/25/87
Remed Action: 8/4/92
Monitoring: 8/9/96
Close Date: 11/07/1996
Release Date: 02/06/1986
Cleanup Fund Id : Not reported
Discover Date : 12/20/1985
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 05/12/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Test
How Stopped: Not reported
Interim : Yes
Leak Cause: Not reported
Leak Source: Piping
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 90216
Beneficial: Not reported
Staff : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 11/07/1996
Stop Date : 12/20/1985
Work Suspended : Not reported
Responsible Party: CONOCO, INC.
RP Address: P.O. BOX 2197, HOUSTON, TX 77079
Global Id: T0607100016
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 142 Cross Street: L STREET
Regional Board: 08
Local Case Num: 90216

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONOCO (KAYO OIL/ECONO) (Continued)

S105026065

Facility Status: Case Closed
Staff: PATRICIA HANNON
Lead Agency: Regional Board
Local Agency: 36000L
Abate Method: Remove Free Product - remove floating product from water table,
Excavate and Dispose - remove contaminated soil and dispose in approved
site, Vapor Extraction

Qty Leaked: Not reported
County: San Bernardino
Review Date: 12/20/85
Workplan: 6/1/86
Pollution Char: 2/25/87
Remed Action: 8/9/96
Close Date: 11/07/1996
Cleanup Fund Id : Not reported
Discover Date : 12/20/1985
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 05/12/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Test
How Stopped: Not reported
Interim : Yes
Lat/Lon : 34.1082285 / -117.2965765
Leak Cause: Not reported
Leak Source: Piping
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Work Suspended :Not reported
Responsible PartyCONOCO, INC.
Well name: 10 TH & J WELL
Distance From Lust: 2080.913659115614637000879622
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 036/039-002
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100016
How Stopped Date: 12/20/1985
Organization Name: Not reported
Contact Person: Not reported
RP Address: P.O. BOX 2197, HOUSTON, TX 77079
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083600133T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported

Confirm Leak: 12/20/85
Prelim Assess: 6/1/86
Remed Plan: 2/25/87
Monitoring: 8/9/96

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CONOCO (KAYO OIL/ECONO) (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105026065

Priority: Not reported
State Expalnation: CASE CLOSED
Substance: CHLRINATED HC'S
Staff: PATRICIA HANNON
Case Type: A
Summary: SOLVENTS FROM SANTA FE RAIL YARD PRESENT IN THE GW.

CORTESE:

Reg Id: 083600133T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

18
North
1/2-1
4809 ft.

1215 N. MEDICAL CENTER DR.
SAN BERNARDINO, CA 0

CHMIRS S105676389
N/A

Relative:
Higher

CHMIRS:

Actual:
1173 ft.

OES Control Number: 01-1403
Chemical Name: Gasoline
Extent of Release: Not reported
Property Use: Not reported
Incident Date: Not reported
Date Completed: Not reported
Time Completed : Not reported
Agency Id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 01-1403
Time Notified : Not reported
Surrounding Area : Not reported
Estimated Temperature : Not reported
Property Management : Not reported
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personel # Of Injuries : 0
Responding Agency Personel # Of Fatalities : 0
Resp Agncy Personel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : Not reported
Report Date : Not reported
Comments : Not reported
Facility Telephone Number : Not reported
Waterway Involved : No
Waterway : Not reported
Spill Site : Road
Cleanup By : Unknown

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

\(Continued\)

S105676389

Containment : Yes
What Happened : A delivery truck hit dumpster and punctured fuel tank.
Type : PETROLEUM
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported
Date/Time : 3/8/01 1025
Evacuations : 0

19 HMC DEVELOPMENT
NNE 1375 BASELINE RD
1/2-1 SAN BERNARDINO, CA 92413
4872 ft.

LUST S102431409
Cortese N/A

Relative:
Higher

State LUST:

Actual:
1162 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 083602516T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: 06/24/1994
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 05/11/1995
Release Date: 07/19/1994
Cleanup Fund Id : Not reported
Discover Date : 06/02/1994
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 08/31/1994
Funding: Not reported
Staff Initials: JC3
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: Tank
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 94041
Beneficial: Not reported
Staff : NOM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 09/14/1995

Confirm Leak: 06/24/1994
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HMC DEVELOPMENT \Continued

S102431409

Stop Date : 06/02/1994
Work Suspended :Not reported
Responsible Party:HMC DEVELOPMENT
RP Address: 11812 SAN VICENTE BLVD. #210, LOS ANGELES 90029
Global Id: T0607100341
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	8006619	Cross Street:	Not reported
Regional Board:	08		
Local Case Num:	94041		
Facility Status:	Case Closed		
Staff:	NANCY OLSON MARTIN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	6/24/94	Confirm Leak:	6/24/94
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	05/11/1995		
Cleanup Fund Id :	Not reported		
Discover Date :	06/02/1994		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	08/31/1994		
Funding:	Not reported		
Staff Initials:	JC3		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.1212099 / -117.3155673		
Leak Cause:	UNK		
Leak Source:	Tank		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	UPPER SANTA ANA VALL		
Operator :	Not reported		
Oversight Prgm :	LOP		
Priority :	Not reported		
Work Suspended :	Not reported		
Responsible Party:	HMC DEVELOPMENT		
Well name:	BASELINE AND CALIFORNIA		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HMC DEVELOPMENT \Continued\

EDR ID Number
EPA ID Number

Database(s)

S102431409

Distance From Lust: 4300.997206752905420347713096
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01N/04W-32N01 S
Case Type: Soil only
Global ID: T0607100341
How Stopped Date: 06/02/1994
Organization Name: Not reported
Contact Person: Not reported
RP Address: 11812 SAN VICENTE BLVD. #210, LOS ANGELES 90029
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083602516T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: NANCY OLSON MARTIN
Case Type: S
Summary: DIESEL ALSO RELEASED

CORTESE:

Reg Id: 083602516T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

20
NE
1/2-1
5195 ft.

HUD INTOWN PROPERTIES
1145 10TH ST
SAN BERNARDINO, CA 92408

HAZNET S103968654
LUST N/A
Cortese

Relative:
Higher

Actual:
1126 ft.

State LUST:

Cross Street: ENNIS
Qty Leaked: Not reported
Case Number: 083601117T
Reg Board: 8
Chemical: Unleaded Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Aquifer affected
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 11/20/1998
Release Date: 11/12/1988
Cleanup Fund Id : Not reported
Discover Date : 11/29/1988
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 01/04/1989
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HUD INTOWN PROPERTIES (Continued)

S103968654

Interim : Not reported
Leak Cause: UNK
Leak Source: Piping
MTBE Date : 05/02/1996
Max MTBE GW : 162 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 90004
Beneficial: Not reported
Staff : VJJ
GW Qualifier : =
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 06/12/1991
Stop Date : 11/29/1988
Work Suspended : Not reported
Responsible Party FRANK'S FENCE
RP Address: 9503 SOUTH WATERMAN AVENUE, SAN BERNARDINO, CA 92408
Global Id: T0607100126
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	12031	Cross Street:	ENNIS
Regional Board:	08		
Local Case Num:	90004		
Facility Status:	Case Closed		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/20/1998		
Cleanup Fund Id :	Not reported		
Discover Date :	11/29/1988		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	01/04/1989		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HUD INTOWN PROPERTIES \Continued\

S103968654

Interim : Not reported
Lat/Lon : 34.0808717 / -117.2786417
Leak Cause: UNK
Leak Source: Piping
Beneficial: Not reported
MTBE Date : 5/2/96
MTBE Tested : YES
Max MTBE GW : 162
GW Qualifies : =
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :Not reported
Responsible PartyFRANK'S FENCE
Well name: WELL 01
Distance From Lust: 558.46165913402560636810041404
Waste Disch Global Id: W0607101098
MTBE Class: Not reported
Waste Disch Assigned Name: 3601098-001
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100126
How Stopped Date: 11/29/1988
Organization Name: Not reported
Contact Person: Not reported
RP Address: 9503 SOUTH WATERMAN AVENUE, SAN BERNARDINO, CA 92408
MTBE Concentration: 1
MTBE Fuel: 1
Case Number: 083601117T
Water System Name: CAL TRANS - FENNER
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: UNLEAD GASOLINE
Staff: VALERIE JAHN
Case Type: A
Summary: THREE GROUNDWATER MONITORING WELLS INSTALLED 4/22/91. GROUNDWATER CONTAMINATION FOUND.

HAZNET:

Gepaid: CAC001360888
TSD EPA ID: CAD982444481
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: .0208
Waste Category: Household waste
Disposal Method: Transfer Station
Contact: HUD
Telephone: \000\ 000-0000
Mailing Address: 2086 S E ST STE 204
SAN BERNARDINO, CA 92408
County San Bernardino

CORTESE:

Reg Id: 083601117T

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HUD INTOWN PROPERTIES (Continued)

S103968654

Region: CORTESE
Reg By: Leaking Underground Storage Tanks

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN BERNARDINO	U003784607	J HUBBS&SONS/7TH ST DUMP	7TH ST (W END OF)	92411	UST
SAN BERNARDINO	S101619563	5TH AVE. TIRE & MINI MART	1632 W 005TH ST	92411	CA FID UST
SAN BERNARDINO	S101308124	CALTRANS PANARAMA PT.MAINT.ST.	HWY 18, MILEPOST 15.84	92410	LUST
SAN BERNARDINO	1003878981	SECCOMBE LAKE STATE REC AREA	7TH ST BETW SERRIA & WATERMAN	92410	CERC-NFRAP
SAN BERNARDINO	S104765604	CUCO CARBURATOR	2272 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S104766198	FELIX AUTOMOTIVE	2230 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S104771129	TINOS AUTO REPAIR	2342 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S104905243	RAMIREZ AUTO REPAIR	2274 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S103679012	UNOCAL SERVICE STATION #5961	I-15/HWY 138	92410	HAZNET
SAN BERNARDINO	S104580102	CIRCLE K STORES INC STATION #5700	I-5/HWY 138	92410	HAZNET
SAN BERNARDINO	S100727496	ALTA DENA DAIRY	341 MOUNT VERNON AVE	92410	LUST, Cortese
SAN BERNARDINO	S104750531	ARCO #5181	572 MOUNT VERNON AVE	92410	LUST, Cortese
SAN BERNARDINO	S104763869		572 S MT VERNON AV	92410	CHMIRS, San Bern. Co. Permit
SAN BERNARDINO	91234663	RAIL SHOP AREA/470 NORTH "L" ST.	RAIL SHOP AREA/470 NORTH "L" ST.	92411	ERNS
SAN BERNARDINO	S105026073	ROESH LINES, INC.	844 9TH ST	92410	LUST, Cortese
SAN BERNARDINO COUN	S105631217		HWY 58 2 MI WEST OF HWY 359		CHMIRS, EMI
SAN BERNARDINO COUN	S105629377		RIALTO LILAC STREET		CHMIRS, EMI

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/22/03

Date Made Active at EDR: 08/26/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03

Elapsed ASTM days: 22

Date of Last EDR Contact: 08/04/03

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 6

Telephone: 214-655-6659

EPA Region 3

Telephone 215-814-5418

EPA Region 8

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 06/10/03

Date Made Active at EDR: 08/26/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03

Elapsed ASTM days: 22

Date of Last EDR Contact: 08/04/03

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/11/03

Date Made Active at EDR: 10/29/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03

Elapsed ASTM days: 35

Date of Last EDR Contact: 09/24/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/03
Date Made Active at EDR: 10/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/24/03

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/13/03
Date Made Active at EDR: 09/18/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/22/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 09/08/03

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/03
Date Made Active at EDR: 10/01/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/11/03
Elapsed ASTM days: 20
Date of Last EDR Contact: 09/11/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 10/27/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 10/01/03
Date of Next Scheduled EDR Contact: 12/15/03

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/09/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/08/03

Date of Next Scheduled EDR Contact: 01/05/04

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/22/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03

Date of Next Scheduled EDR Contact: 11/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/25/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/31/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/23/03

Date of Next Scheduled EDR Contact: 01/19/04

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/16/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/27/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/01/03

Date of Next Scheduled EDR Contact: 12/29/03

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/13/03
Date of Next Scheduled EDR Contact: 11/10/03

DOD: Department of Defense Sites

Source: USGS

Telephone: 703-648-5920

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/15/03
Date of Next Scheduled EDR Contact: 11/10/03

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/08/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/21/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03

Date of Next Scheduled EDR Contact: 12/22/03

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01

Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/21/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03

Date of Next Scheduled EDR Contact: 12/22/03

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/31/03

Date Made Active at EDR: 09/17/03

Database Release Frequency: Annually

Date of Data Arrival at EDR: 09/02/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 09/02/03

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 08/31/03

Date Made Active at EDR: 09/17/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/02/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 09/02/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/02

Date Made Active at EDR: 08/07/03

Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/11/03

Elapsed ASTM days: 27

Date of Last EDR Contact: 08/25/03

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 10/27/03

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93

Date Made Active at EDR: 11/19/93

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93

Elapsed ASTM days: 18

Date of Last EDR Contact: 10/20/03

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board

Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95

Date Made Active at EDR: 09/26/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95

Elapsed ASTM days: 27

Date of Last EDR Contact: 08/04/03

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/12/03

Date Made Active at EDR: 10/16/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/15/03

Elapsed ASTM days: 31

Date of Last EDR Contact: 09/15/03

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/12/03

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/25/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 9
Date of Last EDR Contact: 10/14/03

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities

Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/30/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 10/14/03

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03
Date Made Active at EDR: 09/17/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/02/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 09/02/03

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: N/A
Date Made Active at EDR: N/A
Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A
Elapsed ASTM days: 0
Date of Last EDR Contact: N/A

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/11/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/05/04

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 09/22/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/03
Date of Next Scheduled EDR Contact: 12/22/03

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/03
Date of Next Scheduled EDR Contact: 01/05/04

NFA: No Further Action Determination

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Emissions Inventory Data

Source: California Air Resources Board

Telephone: 916-322-2990

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/01

Database Release Frequency: Varies

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/19/04

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency

Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/01

Database Release Frequency: Annually

Date of Last EDR Contact: 08/12/03

Date of Next Scheduled EDR Contact: 11/10/03

LOCAL RECORDS**ALAMEDA COUNTY:****Local Oversight Program Listing of UGT Cleanup Sites**

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/21/03
Date of Next Scheduled EDR Contact: 11/10/03

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 07/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 05/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/29/03
Date of Next Scheduled EDR Contact: 11/24/03

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 09/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/19/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/03/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 05/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 07/21/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/16/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/13/03
Date of Next Scheduled EDR Contact: 01/12/04

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 12/11/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 07/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/05/04

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/03
Date of Next Scheduled EDR Contact: 11/24/03

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/12/04

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/02/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 06/19/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 05/29/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 07/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/16/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/11/03
Date of Next Scheduled EDR Contact: 11/10/03

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/01/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03

Date of Next Scheduled EDR Contact: 01/26/04

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/20/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Date of Government Version: 09/09/03

Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03

Date of Next Scheduled EDR Contact: 12/08/03

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Date of Government Version: 05/08/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Date of Government Version: 05/29/03

Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03

Date of Next Scheduled EDR Contact: 11/24/03

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-3298

Date of Government Version: 04/01/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Date of Government Version: 09/08/03

Database Release Frequency: Annually

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1700 WEST 5TH ST.
1700 WEST 5TH ST.
SAN BERNADINO, CA 92411

TARGET PROPERTY COORDINATES

Latitude (North):	34.108398 - 34° 6' 30.2"
Longitude (West):	117.323196 - 117° 19' 23.5"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	470190.4
UTM Y (Meters):	3774027.5
Elevation:	1120 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

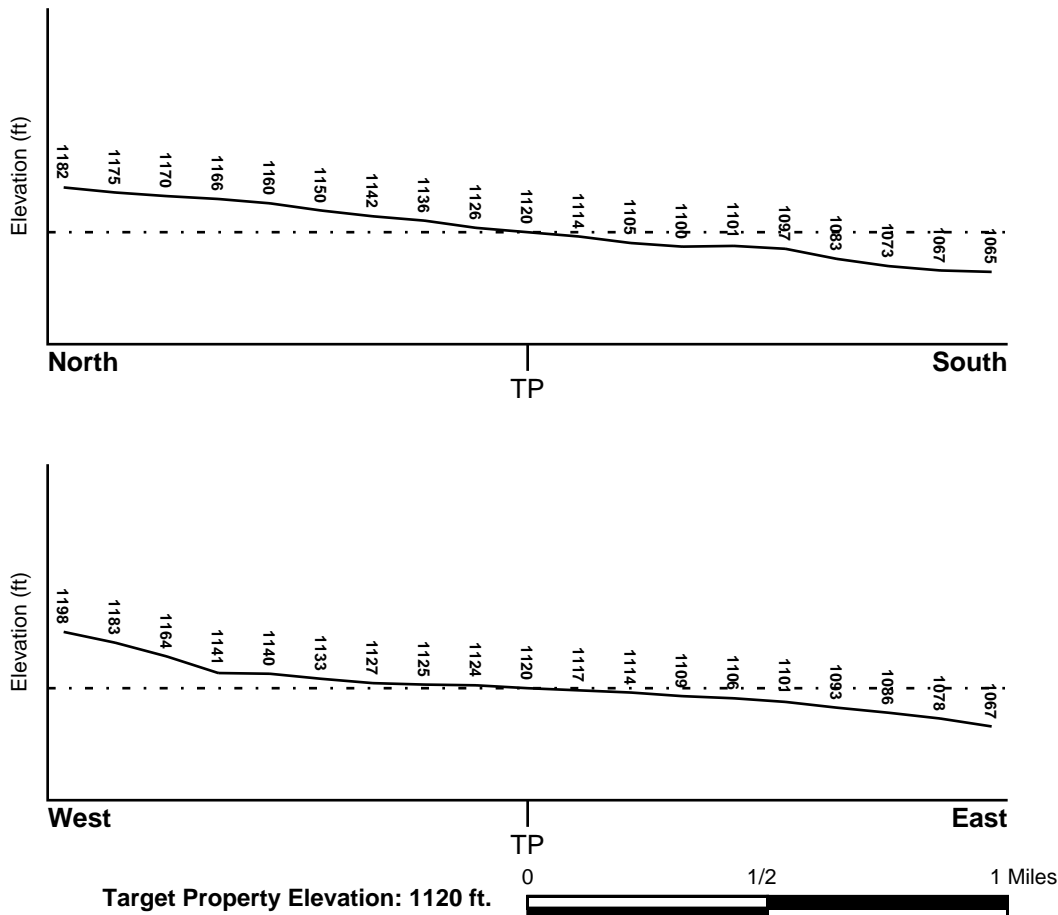
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 2434117-A3 SAN BERNARDINO SOUTH, CA
General Topographic Gradient: General SSE
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SAN BERNARDINO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06071C8677F

Additional Panels in search area: 06071C8681F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
NOT AVAILABLE

NWI Electronic
Data Coverage
Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
50	1/2 - 1 Mile ESE	Not Reported
64	1/2 - 1 Mile NNE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 6.10
2	20 inches	40 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 6.10
3	40 inches	60 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.10
4	60 inches	72 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 6.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: coarse sandy loam
gravelly - loamy fine sand
fine sandy loam
gravelly - loamy sand
loamy sand
cobbly - coarse sandy loam

Surficial Soil Types: coarse sandy loam
gravelly - loamy fine sand
fine sandy loam
gravelly - loamy sand
loamy sand
cobbly - coarse sandy loam

Shallow Soil Types: gravelly - loam
loam
clay loam

Deeper Soil Types: gravelly - sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS0155980	1/8 - 1/4 Mile North
2	USGS0155874	1/8 - 1/4 Mile West
3	USGS0155987	1/4 - 1/2 Mile North
A4	USGS0155864	1/4 - 1/2 Mile WSW
A5	USGS0155852	1/4 - 1/2 Mile WSW
B6	USGS0155770	1/4 - 1/2 Mile SSW
C7	USGS0155766	1/4 - 1/2 Mile South
C8	USGS0155833	1/4 - 1/2 Mile South
B9	USGS0155835	1/4 - 1/2 Mile SSW
B10	USGS0155836	1/4 - 1/2 Mile SSW
11	USGS0155988	1/4 - 1/2 Mile NW
B12	USGS0155837	1/4 - 1/2 Mile SSW
D13	USGS0155830	1/4 - 1/2 Mile South
14	USGS0156009	1/4 - 1/2 Mile North
D15	USGS0155760	1/4 - 1/2 Mile South
D16	USGS0155759	1/4 - 1/2 Mile South
E17	USGS0155825	1/2 - 1 Mile South
F18	USGS0155857	1/2 - 1 Mile ESE
G19	USGS0155756	1/2 - 1 Mile South
E20	USGS0155755	1/2 - 1 Mile South
G21	USGS0155820	1/2 - 1 Mile South
E23	USGS0155752	1/2 - 1 Mile South
E24	USGS0155750	1/2 - 1 Mile SSE
F25	USGS0155781	1/2 - 1 Mile ESE
26	USGS0155989	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H27	USGS0155754	1/2 - 1 Mile SSE
I28	USGS0156087	1/2 - 1 Mile NNW
H36	USGS0155749	1/2 - 1 Mile SSE
I37	USGS0156021	1/2 - 1 Mile NNW
J38	USGS0155816	1/2 - 1 Mile SSW
J39	USGS0155815	1/2 - 1 Mile SSW
J40	USGS0155814	1/2 - 1 Mile SSW
J41	USGS0155817	1/2 - 1 Mile SSW
42	USGS0156002	1/2 - 1 Mile NW
43	USGS0155804	1/2 - 1 Mile South
44	USGS0156026	1/2 - 1 Mile NW
45	USGS0155803	1/2 - 1 Mile SSE
K46	USGS0156081	1/2 - 1 Mile NE
K47	USGS0156082	1/2 - 1 Mile NE
K48	USGS0156079	1/2 - 1 Mile NE
K49	USGS0156080	1/2 - 1 Mile NE
L51	USGS0155736	1/2 - 1 Mile South
L52	USGS0155735	1/2 - 1 Mile SSE
L57	USGS0155730	1/2 - 1 Mile South
N58	USGS0156064	1/2 - 1 Mile North
N59	USGS0156128	1/2 - 1 Mile North
60	USGS0155801	1/2 - 1 Mile SSE
61	USGS0156129	1/2 - 1 Mile NNW
62	USGS0155799	1/2 - 1 Mile SSE
63	USGS0155726	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
G22	880	1/2 - 1 Mile South
H29	877	1/2 - 1 Mile SSE
H30	878	1/2 - 1 Mile SSE
H31	879	1/2 - 1 Mile SSE
H32	874	1/2 - 1 Mile SSE
H33	873	1/2 - 1 Mile SSE
H34	876	1/2 - 1 Mile SSE
H35	875	1/2 - 1 Mile SSE
53	872	1/2 - 1 Mile NW
M54	871	1/2 - 1 Mile NW
M55	870	1/2 - 1 Mile NW
M56	146	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

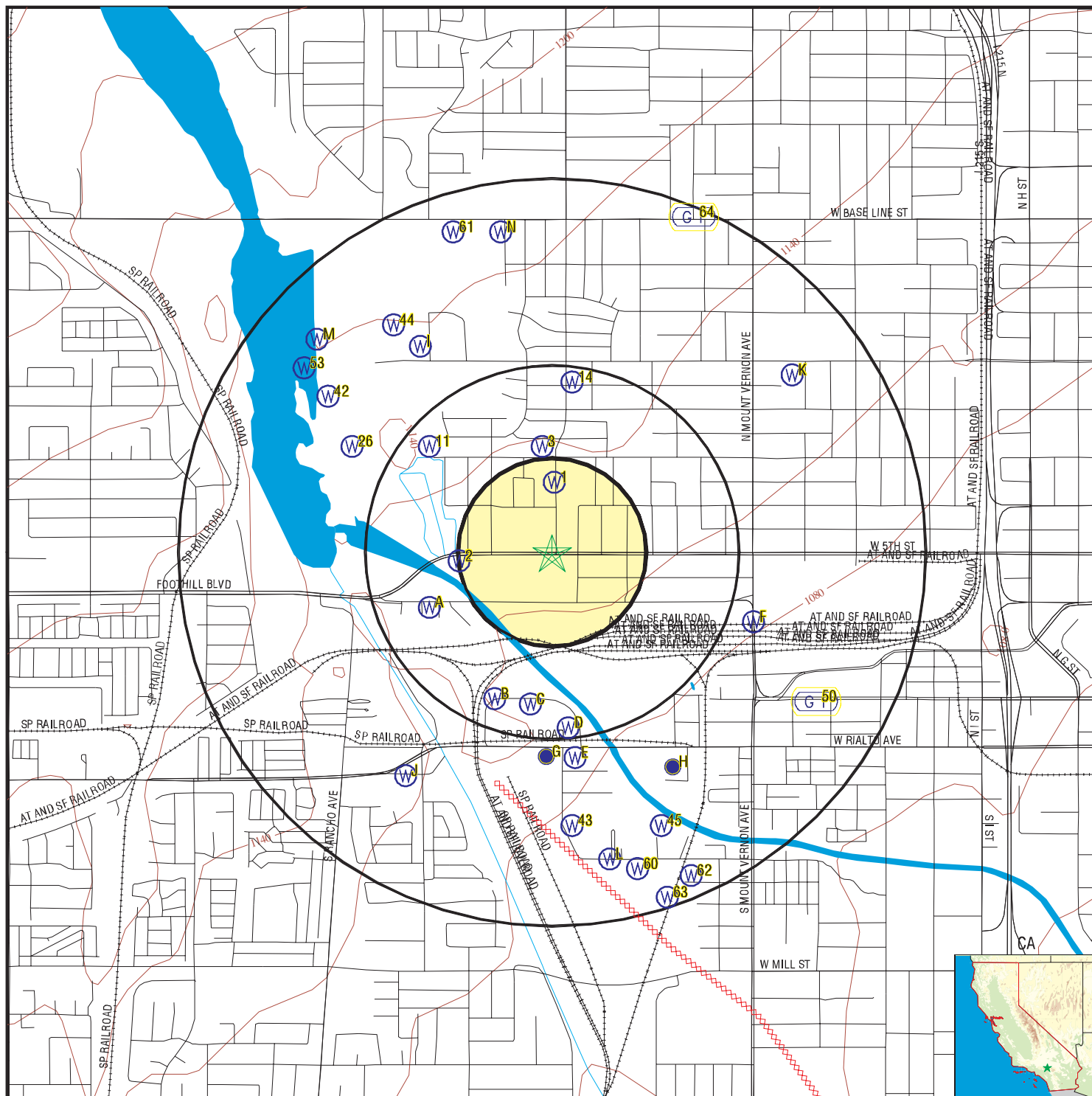
STATE DATABASE WELL INFORMATION

MAP ID

WELL ID

LOCATION
FROM TP

PHYSICAL SETTING SOURCE MAP - 01074387.1r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: 1700 West 5th St.
 ADDRESS: 1700 West 5th St.
 CITY/STATE/ZIP: San Bernadino CA 92411
 LAT/LONG: 34.1084 / 117.3232

CUSTOMER: Komex H2O Science
 CONTACT: MARISA FONTANOS
 INQUIRY #: 01074387.1r
 DATE: October 31, 2003 8:12 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
North
1/8 - 1/4 Mile
Higher

FED USGS USGS0155980

Agency:	USGS	Site ID:	340640117192001
Site Name:	001S004W05L002S		
Dec. Latitude:	34.11112		
Dec. Longitude:	-117.3231		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1129.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	261		
Hole depth:	261	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
West
1/8 - 1/4 Mile
Higher

FED USGS USGS0155874

Agency:	USGS	Site ID:	340629117193601
Site Name:	001S004W05N002S		
Dec. Latitude:	34.10807		
Dec. Longitude:	-117.32754		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1120.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19200101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	137		
Hole depth:	137	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
North
1/4 - 1/2 Mile
Higher

FED USGS USGS0155987

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340645117192201
Site Name:	001S004W05L001S		
Dec. Latitude:	34.11251		
Dec. Longitude:	-117.32366		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1137.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	208		
Hole depth:	208	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4 WSW 1/4 - 1/2 Mile Higher

FED USGS USGS0155864

Agency:	USGS	Site ID:	340624117194101
Site Name:	001S004W05N004S		
Dec. Latitude:	34.10668		
Dec. Longitude:	-117.32893		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1120.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19560101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	161		
Hole depth:	200	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

A5 WSW 1/4 - 1/2 Mile Higher

FED USGS USGS0155852

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340621117194101
Site Name:	001S004W08D001S		
Dec. Latitude:	34.10584		
Dec. Longitude:	-117.32893		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1120.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19260101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	140		
Hole depth:	140	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B6 SSW 1/4 - 1/2 Mile Lower

FED USGS USGS0155770

Agency:	USGS	Site ID:	340612117193101
Site Name:	001S004W08C001S		
Dec. Latitude:	34.10334		
Dec. Longitude:	-117.32616		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1106.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19120101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	274		
Hole depth:	274	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

C7 South 1/4 - 1/2 Mile Lower

FED USGS USGS0155766

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340610117192501
Site Name:	001S004W08C004S		
Dec. Latitude:	34.10279		
Dec. Longitude:	-117.32449		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	932		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

C8
South
1/4 - 1/2 Mile
Lower

FED USGS USGS0155833

Agency:	USGS	Site ID:	340608117192301
Site Name:	001S004W08F013S		
Dec. Latitude:	34.10223		
Dec. Longitude:	-117.32393		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1100.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19680101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	911		
Hole depth:	932	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1991-11-19	132.94	

B9
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS0155835

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340609117192901
Site Name:	001S004W08F001S		
Dec. Latitude:	34.10251		
Dec. Longitude:	-117.3256		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1104.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19120101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	344		
Hole depth:	344	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B10 SSW 1/4 - 1/2 Mile Lower

FED USGS USGS0155836

Agency:	USGS	Site ID:	340609117192902
Site Name:	001S004W08F002S		
Dec. Latitude:	34.10251		
Dec. Longitude:	-117.3256		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1104.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19360101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	370		
Hole depth:	401	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

11 NW 1/4 - 1/2 Mile Higher

FED USGS USGS0155988

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340645117194101
Site Name:	001S004W05M001S		
Dec. Latitude:	34.11251		
Dec. Longitude:	-117.32893		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B12 SSW 1/4 - 1/2 Mile Lower

FED USGS USGS0155837

Agency:	USGS	Site ID:	340609117193101
Site Name:	001S004W08F005S		
Dec. Latitude:	34.10251		
Dec. Longitude:	-117.32616		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1104.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19090101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	400		
Hole depth:	400	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

D13 South 1/4 - 1/2 Mile Lower

FED USGS USGS0155830

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340607117191901
Site Name:	001S004W08F012S		
Dec. Latitude:	34.10196		
Dec. Longitude:	-117.32282		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	400		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

14 North 1/4 - 1/2 Mile Higher

FED USGS USGS0156009

Agency:	USGS	Site ID:	340654117191701
Site Name:	001S004W05G001S		
Dec. Latitude:	34.11501		
Dec. Longitude:	-117.32227		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1150.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19250101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	123		
Hole depth:	123	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

D15 South 1/4 - 1/2 Mile Lower

FED USGS USGS0155760

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340605117191801
Site Name:	001S004W08G005S		
Dec. Latitude:	34.1014		
Dec. Longitude:	-117.32254		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1100.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	230		
Hole depth:	230	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

D16 South 1/4 - 1/2 Mile Lower

FED USGS USGS0155759

Agency:	USGS	Site ID:	340605117191601
Site Name:	001S004W08G001S		
Dec. Latitude:	34.1014		
Dec. Longitude:	-117.32199		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1100.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	309		
Hole depth:	309	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

E17 South 1/2 - 1 Mile Higher

FED USGS USGS0155825

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340603117191501
Site Name:	001S004W08F014S		
Dec. Latitude:	34.10085		
Dec. Longitude:	-117.32171		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	414		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

F18
ESE
1/2 - 1 Mile
Lower

FED USGS USGS0155857

Agency:	USGS	Site ID:	340622117184801
Site Name:	001S004W08A001S		
Dec. Latitude:	34.10612		
Dec. Longitude:	-117.31421		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1094.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19170101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	482		
Hole depth:	530	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1971-06-01	114.00	

G19
South
1/2 - 1 Mile
Lower

FED USGS USGS0155756

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340602117192101
Site Name:	001S004W08F010S		
Dec. Latitude:	34.10057		
Dec. Longitude:	-117.32338		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1099.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19470101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	758		
Hole depth:	818	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

E20 South 1/2 - 1 Mile Lower

FED USGS USGS0155755

Agency:	USGS	Site ID:	340602117191901
Site Name:	001S004W08F007S		
Dec. Latitude:	34.10057		
Dec. Longitude:	-117.32282		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1095.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	620		
Hole depth:	620	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

G21 South 1/2 - 1 Mile Lower

FED USGS USGS0155820

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340602117192201
Site Name:	001S004W08F009S		
Dec. Latitude:	34.10057		
Dec. Longitude:	-117.32366		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1196.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19090101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	520		
Hole depth:	520	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

G22
South
1/2 - 1 Mile
Lower

CA WELLS 880

Water System Information:

Prime Station Code:	01S/04W-08F16 S	User ID:	TAN
FRDS Number:	3610014015	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340601.0 1171921.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 21		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.670
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	176.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	52.799 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	14.200 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	10.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/05/1984	Findings:	261.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1984	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.670
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	176.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	52.799 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	14.200 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	10.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	31.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/12/1985	Findings:	430.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/12/1985	Findings:	7.340
Chemical:	PH (LABORATORY)		
Sample Collected:	07/12/1985	Findings:	165.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/12/1985	Findings:	201.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/12/1985	Findings:	186.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/12/1985	Findings:	55.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/12/1985	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/12/1985	Findings:	14.800 MG/L
Chemical:	SODIUM		
Sample Collected:	07/12/1985	Findings:	2.500 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/12/1985	Findings:	5.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/12/1985	Findings:	.610 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/12/1985	Findings:	42.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/12/1985	Findings:	270.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/12/1985	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1986	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/13/1986	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/13/1986	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	1.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/03/1986	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/03/1986	Findings:	7.580
Chemical:	PH (LABORATORY)		
Sample Collected:	10/03/1986	Findings:	181.460 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/03/1986	Findings:	221.380 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/03/1986	Findings:	112.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/03/1986	Findings:	62.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/03/1986	Findings:	9.330 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/03/1986	Findings:	13.500 MG/L
Chemical:	SODIUM		
Sample Collected:	10/03/1986	Findings:	3.320 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/03/1986	Findings:	5.240 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/03/1986	Findings:	.560 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/03/1986	Findings:	279.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/03/1986	Findings:	2.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1986	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/02/1987	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.750
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1987	Findings:	165.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	201.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	192.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	73.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	2.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	16.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1987	Findings:	5.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1987	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1987	Findings:	302.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1988	Findings:	7.790
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	171.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	208.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	192.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	62.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	8.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	16.900 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	255.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/02/1988	Findings:	18.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.550
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	.670
Chemical:	LANGELIER INDEX @ 60 C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/02/1988	Findings:	- .050
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	11.900
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	7.720
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	182.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	208.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	64.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	16.100 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	4.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.260 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	288.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/17/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/12/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.950
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	190.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	232.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	206.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	52.900 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/29/1990	Findings:	18.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	15.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/29/1990	Findings:	4.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.510 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	1030.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/29/1990	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	278.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1991	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/12/1991	Findings:	224.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1991	Findings:	206.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/12/1991	Findings:	63.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1991	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1991	Findings:	15.300 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1991	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/12/1991	Findings:	6.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1991	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1991	Findings:	.360 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1991	Findings:	230.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1992	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	224.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1992	Findings:	195.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	57.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	12.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	19.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	7.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	223.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1993	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1993	Findings:	178.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	217.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1993	Findings:	192.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	60.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1993	Findings:	9.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1993	Findings:	15.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1993	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1993	Findings:	8.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1993	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1993	Findings:	241.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/16/1993	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/16/1993	Findings:	2.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/1993	Findings:	609.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/22/1994	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/22/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/25/1994	Findings:	430.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1994	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/25/1994	Findings:	224.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/25/1994	Findings:	200.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/25/1994	Findings:	58.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1994	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/25/1994	Findings:	16.200 MG/L
Chemical:	SODIUM		
Sample Collected:	08/25/1994	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/25/1994	Findings:	8.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1994	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/25/1994	Findings:	248.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/25/1994	Findings:	2.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/1994	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.900
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.900
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.140
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/08/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/30/1995	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/30/1995	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/03/1995	Findings:	3.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/05/1995	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/05/1995	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	10/05/1995	Findings:	195.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	238.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/05/1995	Findings:	208.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	53.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/05/1995	Findings:	17.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/05/1995	Findings:	15.800 MG/L
Chemical:	SODIUM		
Sample Collected:	10/05/1995	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/05/1995	Findings:	3.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/05/1995	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/05/1995	Findings:	247.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/05/1995	Findings:	3.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/21/1996	Findings:	2.400 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/21/1996	Findings:	3.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	880.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/04/1996	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/04/1996	Findings:	7.830
Chemical:	PH (LABORATORY)		
Sample Collected:	09/04/1996	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/04/1996	Findings:	229.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/1996	Findings:	196.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/04/1996	Findings:	63.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/04/1996	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/04/1996	Findings:	15.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/04/1996	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/04/1996	Findings:	3.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/04/1996	Findings:	.620 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/04/1996	Findings:	303.000 UG/L
Chemical:	IRON		
Sample Collected:	09/04/1996	Findings:	38.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/04/1996	Findings:	252.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/04/1996	Findings:	3.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/09/1997	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	185.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/09/1997	Findings:	225.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	212.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/09/1997	Findings:	65.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	12.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	14.200 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	6.670 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.452 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	259.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	4.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/04/1997	Findings:	18.900 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/04/1997	Findings:	7.640
Chemical:	FIELD PH		
Sample Collected:	12/04/1997	Findings:	.850
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/04/1997	Findings:	.120
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/04/1997	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/04/1997	Findings:	12.080
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

E23 South 1/2 - 1 Mile Lower

FED USGS USGS0155752

Agency:	USGS	Site ID:	340601117191901
Site Name:	001S004W08F008S		
Dec. Latitude:	34.10029		
Dec. Longitude:	-117.32282		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1095.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	516		
Hole depth:	646	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

E24 SSE 1/2 - 1 Mile Lower

FED USGS USGS0155750

Agency:	USGS	Site ID:	340600117191301
Site Name:	001S004W08G003S		
Dec. Latitude:	34.10001		
Dec. Longitude:	-117.32116		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1087.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19420101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	67.0		
Hole depth:	67.0	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F25
ESE
1/2 - 1 Mile
Lower**

FED USGS USGS0155781

Agency:	USGS	Site ID:	340619117184501
Site Name:	001S004W09D001S		
Dec. Latitude:	34.10529		
Dec. Longitude:	-117.31338		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1092.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19020101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	450		
Hole depth:	472	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

**26
WNW
1/2 - 1 Mile
Higher**

FED USGS USGS0155989

Agency:	USGS	Site ID:	340645117195401
Site Name:	001S004W06J001S		
Dec. Latitude:	34.11251		
Dec. Longitude:	-117.33254		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1151.00		
Hydrologic code:	18070203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19260101	Inven Date:	19860529
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	626		
Hole depth:	648	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H27
SSE
1/2 - 1 Mile
Lower

FED USGS USGS0155754

Agency:	USGS	Site ID:	340602117190001
Site Name:	001S004W08H004S		
Dec. Latitude:	34.10057		
Dec. Longitude:	-117.31754		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1085.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19200101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	124		
Hole depth:	124	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

I28
NNW
1/2 - 1 Mile
Higher

FED USGS USGS0156087

Agency:	USGS	Site ID:	340658117194201
Site Name:	001S004W05E005S		
Dec. Latitude:	34.11612		
Dec. Longitude:	-117.32921		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	1050		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

H29
SSE
1/2 - 1 Mile
Lower

CA WELLS 877

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code: 01S/04W-08F10 S	User ID: TAN	
FRDS Number: 3610014011	County: San Bernardino	
District Number: 13	Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY	
Water Type: Well/Groundwater	Well Status: Active Raw	
Source Lat/Long: 340600.0 1171900.0	Precision: Undefined	
Source Name: WELL 16		
System Number: 3610014		
System Name: CITY OF COLTON		
Organization That Operates System: 650 N LA CADENA DR COLTON, CA 92324		
Pop Served: 42103	Connections: 8604	
Area Served: CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 06/05/1984	Findings: 460.000 UMHO	
Chemical: SPECIFIC CONDUCTANCE		
Sample Collected: 06/05/1984	Findings: 7.520	
Chemical: PH (LABORATORY)		
Sample Collected: 06/05/1984	Findings: 160.000 MG/L	
Chemical: TOTAL ALKALINITY (AS CaCO3)		
Sample Collected: 06/05/1984	Findings: 195.000 MG/L	
Chemical: BICARBONATE ALKALINITY		
Sample Collected: 06/05/1984	Findings: 196.000 MG/L	
Chemical: TOTAL HARDNESS (AS CaCO3)		
Sample Collected: 06/05/1984	Findings: 65.299 MG/L	
Chemical: CALCIUM		
Sample Collected: 06/05/1984	Findings: 9.900 MG/L	
Chemical: MAGNESIUM		
Sample Collected: 06/05/1984	Findings: 12.200 MG/L	
Chemical: SODIUM		
Sample Collected: 06/05/1984	Findings: 3.000 MG/L	
Chemical: POTASSIUM		
Sample Collected: 06/05/1984	Findings: 7.000 MG/L	
Chemical: CHLORIDE		
Sample Collected: 06/05/1984	Findings: .360 MG/L	
Chemical: FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected: 06/05/1984	Findings: 273.000 MG/L	
Chemical: TOTAL DISSOLVED SOLIDS		
Sample Collected: 06/05/1984	Findings: 6.000 MG/L	
Chemical: NITRATE (AS NO3)		
Sample Collected: 06/05/1984	Findings: 460.000 UMHO	
Chemical: SPECIFIC CONDUCTANCE		
Sample Collected: 06/05/1984	Findings: 7.520	
Chemical: PH (LABORATORY)		
Sample Collected: 06/05/1984	Findings: 160.000 MG/L	
Chemical: TOTAL ALKALINITY (AS CaCO3)		
Sample Collected: 06/05/1984	Findings: 196.000 MG/L	
Chemical: TOTAL HARDNESS (AS CaCO3)		
Sample Collected: 06/05/1984	Findings: 65.299 MG/L	
Chemical: CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	9.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	7.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1985	Findings:	455.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/1985	Findings:	7.380
Chemical:	PH (LABORATORY)		
Sample Collected:	07/10/1985	Findings:	169.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/10/1985	Findings:	206.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/1985	Findings:	209.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/10/1985	Findings:	63.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/1985	Findings:	8.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/1985	Findings:	13.600 MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/1985	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/10/1985	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/1985	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/10/1985	Findings:	40.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/10/1985	Findings:	285.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/1985	Findings:	7.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1986	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	4.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1986	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/20/1986	Findings:	3.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/20/1986	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1987	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.610
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1987	Findings:	177.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	216.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	218.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	75.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	7.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1987	Findings:	4.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1987	Findings:	.050 UG/L
Chemical:	BORON		
Sample Collected:	10/02/1987	Findings:	325.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/02/1987	Findings:	11.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/21/1988	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1988	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	178.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	217.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	213.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	69.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	10.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	14.100 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1988	Findings:	274.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	7.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1988	Findings:	18.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.480
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	.490
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	- .230
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	11.700
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	490.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	189.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/04/1989	Findings:	230.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	206.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/04/1989	Findings:	60.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	13.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	13.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	3.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.230 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	303.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/09/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	231.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	206.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	50.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	20.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	13.200 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/29/1990	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.430 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	283.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/29/1990	Findings:	3.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/12/1991	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1991	Findings:	184.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/12/1991	Findings:	225.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1991	Findings:	208.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/12/1991	Findings:	56.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1991	Findings:	16.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1991	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1991	Findings:	2.800 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/12/1991	Findings:	6.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1991	Findings:	.320 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1991	Findings:	230.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	4.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	193.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	236.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1992	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	75.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	10.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	11.500 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	7.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.120 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	254.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1992	Findings:	6.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/1993	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1993	Findings:	185.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/23/1993	Findings:	225.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1993	Findings:	220.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/23/1993	Findings:	63.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1993	Findings:	15.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1993	Findings:	11.800 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1993	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1993	Findings:	8.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1993	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1993	Findings:	266.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1993	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/12/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/12/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/31/1994	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1994	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1994	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/31/1994	Findings:	229.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/31/1994	Findings:	227.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/31/1994	Findings:	71.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1994	Findings:	12.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/31/1994	Findings:	14.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/31/1994	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/31/1994	Findings:	4.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/31/1994	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/31/1994	Findings:	274.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/31/1994	Findings:	24.900 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.990
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.290
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.220
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	12/12/1994	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/12/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/12/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/26/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/26/1995	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/26/1995	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/26/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/26/1995	Findings:	3.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/26/1995	Findings:	677.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/03/1995	Findings:	5.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/05/1995	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/05/1995	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	10/05/1995	Findings:	178.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	217.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/05/1995	Findings:	220.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	48.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/05/1995	Findings:	15.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/05/1995	Findings:	15.400 MG/L
Chemical:	SODIUM		
Sample Collected:	10/05/1995	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/05/1995	Findings:	3.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/05/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/05/1995	Findings:	239.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/05/1995	Findings:	5.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/21/1996	Findings:	2.800 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/21/1996	Findings:	4.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	970.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/04/1996	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/04/1996	Findings:	7.760
Chemical:	PH (LABORATORY)		
Sample Collected:	09/04/1996	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/04/1996	Findings:	219.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/04/1996	Findings:	208.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/04/1996	Findings:	64.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/04/1996	Findings:	12.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/04/1996	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	09/04/1996	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/04/1996	Findings:	3.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/04/1996	Findings:	.550 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/04/1996	Findings:	252.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/04/1996	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	212.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/09/1997	Findings:	65.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	12.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	12.400 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	6.210 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	264.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	4.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/04/1997	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1997	Findings:	7.590
Chemical:	FIELD PH		
Sample Collected:	12/04/1997	Findings:	.860
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/04/1997	Findings:	.100
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/04/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/04/1997	Findings:	12.090
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

H30
SSE
1/2 - 1 Mile
Lower

CA WELLS 878

Water System Information:

Prime Station Code:	01S/04W-08F12 S	User ID:	TAN
FRDS Number:	3610048001	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 01 (OLD 04)		
System Number:	3610048		
System Name:	TERRACE WATER CO		
Organization That Operates System:	1095-1/2 STEVENSON ST COLTON, CA 92324		
Pop Served:	2200	Connections:	534
Area Served:	COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/28/1988	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/28/1988	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/28/1988	Findings:	7.780
Chemical:	PH (LABORATORY)		
Sample Collected:	01/28/1988	Findings:	177.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/28/1988	Findings:	216.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/28/1988	Findings:	204.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/28/1988	Findings:	68.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/28/1988	Findings:	8.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/28/1988	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	01/28/1988	Findings:	1.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/28/1988	Findings:	2.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/28/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/28/1988	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/28/1988	Findings:	.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/28/1988	Findings:	292.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/28/1988	Findings:	7.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/28/1988	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/21/1990	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/21/1990	Findings:	11.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/21/1991	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/21/1991	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/12/1991	Findings:	3.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/12/1991	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/17/1992	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/17/1992	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/06/1992	Findings:	7.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/06/1992	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/05/1993	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/05/1993	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	05/05/1993	Findings:	184.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/05/1993	Findings:	225.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/05/1993	Findings:	2438.000 UG/L
Chemical:	NITRATE NITROGEN (NO ₃ -N)		
Sample Collected:	05/05/1993	Findings:	214.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/05/1993	Findings:	70.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/05/1993	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/05/1993	Findings:	16.900 MG/L
Chemical:	SODIUM		
Sample Collected:	05/05/1993	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/05/1993	Findings:	9.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/05/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/05/1993	Findings:	83.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/05/1993	Findings:	272.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/05/1993	Findings:	10.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/05/1993	Findings:	2438.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/19/1994	Findings:	.900 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/15/1996	Findings:	14.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/01/1996	Findings:	4.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/01/1996	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/01/1996	Findings:	4.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/01/1996	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/04/1996	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	5.000 PCI/L
Chemical:	URANIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/28/1997	Findings:	545.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/28/1997	Findings:	7.370
Chemical:	PH (LABORATORY)		
Sample Collected:	10/28/1997	Findings:	186.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/28/1997	Findings:	227.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/28/1997	Findings:	248.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/28/1997	Findings:	79.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/28/1997	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/28/1997	Findings:	11.700 MG/L
Chemical:	SODIUM		
Sample Collected:	10/28/1997	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/28/1997	Findings:	7.790 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/28/1997	Findings:	.217 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/28/1997	Findings:	7.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/28/1997	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	6.500 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/28/1997	Findings:	301.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/28/1997	Findings:	16.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/28/1997	Findings:	.900 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/28/1997	Findings:	1.200 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	3660.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/16/1998	Findings:	5.200 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/16/1998	Findings:	1.400 PCI/L
Chemical:	URANIUM COUNTING ERROR		

H31
SSE
1/2 - 1 Mile
Lower

CA WELLS 879

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code: 01S/04W-08F14 S	User ID: TAN	
FRDS Number: 3610048002	County: San Bernardino	
District Number: 13	Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY	
Water Type: Well/Groundwater	Well Status: Active Raw	
Source Lat/Long: 340600.0 1171900.0	Precision: Undefined	
Source Name: WELL 02 (OLD 03)		
System Number: 3610048		
System Name: TERRACE WATER CO		
Organization That Operates System: 1095-1/2 STEVENSON ST COLTON, CA 92324		
Pop Served: 2200	Connections: 534	
Area Served: COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 01/28/1988	Findings: 450.000 UMHO	
Chemical: SPECIFIC CONDUCTANCE		
Sample Collected: 01/28/1988	Findings: 7.770	
Chemical: PH (LABORATORY)		
Sample Collected: 01/28/1988	Findings: 179.900 MG/L	
Chemical: TOTAL ALKALINITY (AS CaCO3)		
Sample Collected: 01/28/1988	Findings: 219.400 MG/L	
Chemical: BICARBONATE ALKALINITY		
Sample Collected: 01/28/1988	Findings: 204.000 MG/L	
Chemical: TOTAL HARDNESS (AS CaCO3)		
Sample Collected: 01/28/1988	Findings: 68.400 MG/L	
Chemical: CALCIUM		
Sample Collected: 01/28/1988	Findings: 8.100 MG/L	
Chemical: MAGNESIUM		
Sample Collected: 01/28/1988	Findings: 13.200 MG/L	
Chemical: SODIUM		
Sample Collected: 01/28/1988	Findings: 1.100 MG/L	
Chemical: POTASSIUM		
Sample Collected: 01/28/1988	Findings: 2.900 MG/L	
Chemical: CHLORIDE		
Sample Collected: 01/28/1988	Findings: .300 MG/L	
Chemical: FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected: 01/28/1988	Findings: 3.100 PCI/L	
Chemical: GROSS ALPHA		
Sample Collected: 01/28/1988	Findings: .800 PCI/L	
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 01/28/1988	Findings: 293.400 MG/L	
Chemical: TOTAL DISSOLVED SOLIDS		
Sample Collected: 01/28/1988	Findings: 7.200 MG/L	
Chemical: NITRATE (AS NO3)		
Sample Collected: 01/28/1988	Findings: .600 NTU	
Chemical: TURBIDITY (LAB)		
Sample Collected: 05/21/1990	Findings: .200 MG/L	
Chemical: FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected: 05/21/1990	Findings: 17.900 MG/L	
Chemical: NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/21/1991	Findings:	5.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/21/1991	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/12/1991	Findings:	4.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/12/1991	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/17/1992	Findings:	6.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/17/1992	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/06/1992	Findings:	4.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/06/1992	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/05/1993	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/05/1993	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	05/05/1993	Findings:	183.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/05/1993	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/05/1993	Findings:	2325.000 UG/L
Chemical:	NITRATE NITROGEN (NO ₃ -N)		
Sample Collected:	05/05/1993	Findings:	218.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/05/1993	Findings:	70.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/05/1993	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/05/1993	Findings:	16.800 MG/L
Chemical:	SODIUM		
Sample Collected:	05/05/1993	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/05/1993	Findings:	9.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/05/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/05/1993	Findings:	99.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/05/1993	Findings:	274.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/05/1993	Findings:	10.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/05/1993	Findings:	2325.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/19/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/15/1996	Findings:	14.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/01/1996	Findings:	7.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/01/1996	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/01/1996	Findings:	6.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/01/1996	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	5.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/04/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/28/1997	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/28/1997	Findings:	7.450
Chemical:	PH (LABORATORY)		
Sample Collected:	10/28/1997	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/28/1997	Findings:	222.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/28/1997	Findings:	229.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/28/1997	Findings:	68.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/28/1997	Findings:	11.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/28/1997	Findings:	11.300 MG/L
Chemical:	SODIUM		
Sample Collected:	10/28/1997	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/28/1997	Findings:	5.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/28/1997	Findings:	.272 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/28/1997	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/28/1997	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/28/1997	Findings:	267.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/28/1997	Findings:	15.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/28/1997	Findings:	1.100 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	3500.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/16/1998	Findings:	6.200 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/16/1998	Findings:	1.500 PCI/L
Chemical:	URANIUM COUNTING ERROR		

H32
SSE
1/2 - 1 Mile
Lower

CA WELLS 874

Water System Information:

Prime Station Code:	01S/04W-08C04 S	User ID:	TAN
FRDS Number:	3610014014	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 19		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	59.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	10.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	10.400 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	268.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	59.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	10.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	10.400 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/11/1985	Findings:	445.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/11/1985	Findings:	7.040
Chemical:	PH (LABORATORY)		
Sample Collected:	07/11/1985	Findings:	171.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/11/1985	Findings:	209.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/11/1985	Findings:	206.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/11/1985	Findings:	60.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/11/1985	Findings:	10.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/11/1985	Findings:	12.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/11/1985	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/11/1985	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/11/1985	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/11/1985	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/11/1985	Findings:	280.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/13/1986	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/13/1986	Findings:	.260 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/13/1986	Findings:	1.700 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/03/1986	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/03/1986	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	10/03/1986	Findings:	177.160 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	216.140 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/03/1986	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	62.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/03/1986	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/03/1986	Findings:	10.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/03/1986	Findings:	3.520 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/03/1986	Findings:	5.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/03/1986	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/03/1986	Findings:	228.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/03/1986	Findings:	2.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/18/1986	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/18/1986	Findings:	.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/02/1987	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1987	Findings:	169.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	206.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	205.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	72.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	5.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	13.500 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	1.900 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1987	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1987	Findings:	.060 UG/L
Chemical:	BORON		
Sample Collected:	10/02/1987	Findings:	312.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/02/1987	Findings:	3.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1988	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1988	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	172.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	210.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	206.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	63.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	11.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	10.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	263.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1988	Findings:	16.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.550
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	1.170
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	.400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	12.400
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	6.830
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/04/1989	Findings:	195.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	238.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	220.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	60.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	17.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	12.900 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	4.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.230 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	300.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	2.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	11/17/1989	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.880
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	184.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	225.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	59.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	14.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.000 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/29/1990	Findings:	5.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.510 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	200.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/29/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	271.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1991	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/12/1991	Findings:	219.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1991	Findings:	206.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/12/1991	Findings:	64.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1991	Findings:	11.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1991	Findings:	11.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1991	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/12/1991	Findings:	6.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1991	Findings:	.340 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1991	Findings:	222.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	2.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	224.500 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1992	Findings:	212.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	57.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	17.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	9.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	7.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.100 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	222.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1992	Findings:	2.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/23/1993	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1993	Findings:	175.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	213.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1993	Findings:	205.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	68.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1993	Findings:	8.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1993	Findings:	7.800 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1993	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1993	Findings:	7.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1993	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1993	Findings:	242.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1993	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/20/1993	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1993	Findings:	4.100 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/20/1993	Findings:	926.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/12/1994	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/12/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/25/1994	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1994	Findings:	183.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/25/1994	Findings:	223.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/25/1994	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/25/1994	Findings:	62.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1994	Findings:	12.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/25/1994	Findings:	13.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/25/1994	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/25/1994	Findings:	8.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1994	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/25/1994	Findings:	252.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/25/1994	Findings:	2.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/1994	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/31/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.920
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.220
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.150
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	12/08/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/26/1995	Findings:	4.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/26/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/26/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/03/1995	Findings:	3.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/05/1995	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/05/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	10/05/1995	Findings:	178.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	217.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/05/1995	Findings:	214.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	48.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/05/1995	Findings:	18.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/05/1995	Findings:	15.600 MG/L
Chemical:	SODIUM		
Sample Collected:	10/05/1995	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/05/1995	Findings:	3.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/05/1995	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/05/1995	Findings:	235.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/05/1995	Findings:	3.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1996	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/05/1996	Findings:	3.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1996	Findings:	767.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/05/1996	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/05/1996	Findings:	7.860
Chemical:	PH (LABORATORY)		
Sample Collected:	09/05/1996	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/05/1996	Findings:	221.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/05/1996	Findings:	208.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/05/1996	Findings:	41.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/05/1996	Findings:	25.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/05/1996	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	09/05/1996	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/05/1996	Findings:	3.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/05/1996	Findings:	.510 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/05/1996	Findings:	60.000 UG/L
Chemical:	COPPER		
Sample Collected:	09/05/1996	Findings:	132.000 UG/L
Chemical:	IRON		
Sample Collected:	09/05/1996	Findings:	244.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/05/1996	Findings:	3.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1996	Findings:	104.000 UG/L
Chemical:	IRON		
Sample Collected:	09/09/1997	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	175.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	213.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	228.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	70.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	8.700 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	5.710 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	107.000 UG/L
Chemical:	IRON		
Sample Collected:	09/09/1997	Findings:	250.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	3.520 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/29/1997	Findings:	16.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/29/1997	Findings:	7.570
Chemical:	FIELD PH		
Sample Collected:	12/29/1997	Findings:	.800
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1997	Findings:	.020
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/29/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/29/1997	Findings:	12.040
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

H33
SSE
1/2 - 1 Mile
Lower

CA WELLS 873

Water System Information:

Prime Station Code:	01S/04W-08C01 S	User ID:	TAN
FRDS Number:	3610014013	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 18 - ABANDONED		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

H34
SSE
1/2 - 1 Mile
Lower

CA WELLS 876

Water System Information:

Prime Station Code:	01S/04W-08F08 S	User ID:	TAN
FRDS Number:	3610014006	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 08		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.510
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	200.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	66.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	9.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	279.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1984	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	200.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	66.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	9.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/10/1985	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/1985	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	07/10/1985	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/1985	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/1985	Findings:	227.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/10/1985	Findings:	73.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/1985	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/1985	Findings:	13.700 MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/1985	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/10/1985	Findings:	6.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/1985	Findings:	.550 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/10/1985	Findings:	37.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/10/1985	Findings:	298.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/1985	Findings:	4.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/13/1986	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/13/1986	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/03/1986	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/03/1986	Findings:	7.490
Chemical:	PH (LABORATORY)		
Sample Collected:	10/03/1986	Findings:	179.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	218.760 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/03/1986	Findings:	219.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	66.899 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/03/1986	Findings:	9.850 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/03/1986	Findings:	12.500 MG/L
Chemical:	SODIUM		
Sample Collected:	10/03/1986	Findings:	3.470 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/03/1986	Findings:	5.120 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/03/1986	Findings:	.520 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/03/1986	Findings:	297.890 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/03/1986	Findings:	6.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1986	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/20/1986	Findings:	.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/21/1988	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1988	Findings:	7.560
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	187.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	228.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	226.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	77.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	8.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	14.800 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	299.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	3.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/02/1988	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1988	Findings:	7.540
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1988	Findings:	175.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/02/1988	Findings:	214.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1988	Findings:	234.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/02/1988	Findings:	86.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1988	Findings:	4.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1988	Findings:	13.900 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1988	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1988	Findings:	5.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1988	Findings:	.020 UG/L
Chemical:	BORON		
Sample Collected:	10/02/1988	Findings:	366.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/02/1988	Findings:	4.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1988	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.430
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	.480
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	- .260
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	11.700
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	580.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	6.770
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	201.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/04/1989	Findings:	246.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	253.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/04/1989	Findings:	72.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	17.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	14.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.250 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	359.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	5.300 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/17/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/12/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/09/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	560.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.610
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	206.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	251.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	255.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	60.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	25.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	12.900 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/29/1990	Findings:	5.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.500 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	324.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/29/1990	Findings:	5.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/12/1991	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1991	Findings:	186.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/12/1991	Findings:	226.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1991	Findings:	214.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/12/1991	Findings:	54.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1991	Findings:	19.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1991	Findings:	14.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1991	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/12/1991	Findings:	7.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1991	Findings:	.280 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1991	Findings:	241.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/12/1991	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	239.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1992	Findings:	248.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	73.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	15.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	12.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	8.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.140 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	280.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1992	Findings:	5.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/25/1993	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1993	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1993	Findings:	189.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/25/1993	Findings:	230.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/25/1993	Findings:	209.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/25/1993	Findings:	58.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1993	Findings:	15.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/25/1993	Findings:	18.900 MG/L
Chemical:	SODIUM		
Sample Collected:	08/25/1993	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/25/1993	Findings:	8.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1993	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/25/1993	Findings:	277.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/25/1993	Findings:	2.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1993	Findings:	7.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	1761.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/22/1994	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/22/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/31/1994	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1994	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1994	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/31/1994	Findings:	229.400 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/31/1994	Findings:	216.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/31/1994	Findings:	67.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1994	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/31/1994	Findings:	15.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/31/1994	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/31/1994	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/31/1994	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/31/1994	Findings:	271.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/31/1994	Findings:	4.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/31/1994	Findings:	5.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/31/1994	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.930
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.230
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.170
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	12/12/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/26/1995	Findings:	5.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/26/1995	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/26/1995	Findings:	4.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	04/18/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/26/1995	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/03/1995	Findings:	7.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/16/1995	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/16/1995	Findings:	7.800
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/16/1995	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/16/1995	Findings:	229.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/16/1995	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/16/1995	Findings:	72.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/16/1995	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/16/1995	Findings:	15.400 MG/L
Chemical:	SODIUM		
Sample Collected:	10/16/1995	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/16/1995	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/16/1995	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/16/1995	Findings:	282.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/16/1995	Findings:	7.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/18/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/18/1995	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/18/1995	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/21/1996	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/21/1996	Findings:	2.400 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/21/1996	Findings:	8.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/21/1996	Findings:	1900.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/04/1996	Findings:	580.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/04/1996	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	09/04/1996	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/04/1996	Findings:	239.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/04/1996	Findings:	275.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/04/1996	Findings:	84.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/04/1996	Findings:	14.300 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/1996	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	09/04/1996	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/04/1996	Findings:	5.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/04/1996	Findings:	.630 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/04/1996	Findings:	326.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/04/1996	Findings:	10.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	600.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	198.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	241.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	291.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	90.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	14.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	10.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.304 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	351.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	10.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1997	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/29/1997	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	12/29/1997	Findings:	7.500
Chemical:	FIELD PH		
Sample Collected:	12/29/1997	Findings:	.750
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/29/1997	Findings:	11.980
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H35
SSE
1/2 - 1 Mile
Lower

CA WELLS 875

Water System Information:

Prime Station Code:	01S/04W-08F07 S	User ID:	TAN
FRDS Number:	3610014008	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 13		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.440
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	65.899 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	11.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	280.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.440
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	65.899 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	11.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/12/1985	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/12/1985	Findings:	7.320
Chemical:	PH (LABORATORY)		
Sample Collected:	07/12/1985	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/12/1985	Findings:	207.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/12/1985	Findings:	216.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/12/1985	Findings:	63.799 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/12/1985	Findings:	9.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/12/1985	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	07/12/1985	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/12/1985	Findings:	5.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/12/1985	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/12/1985	Findings:	41.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/12/1985	Findings:	267.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/12/1985	Findings:	7.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/13/1986	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	8.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/13/1986	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/03/1986	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/03/1986	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	10/03/1986	Findings:	175.010 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	213.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/03/1986	Findings:	215.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	65.399 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/03/1986	Findings:	8.990 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/03/1986	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	10/03/1986	Findings:	3.520 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/03/1986	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/03/1986	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/03/1986	Findings:	285.290 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/03/1986	Findings:	6.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/20/1986	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/20/1986	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/02/1987	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1987	Findings:	165.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	201.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	203.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	73.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	5.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	13.700 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1987	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1987	Findings:	309.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/02/1987	Findings:	7.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1988	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1988	Findings:	7.780
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	177.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	216.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	211.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	66.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	8.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	255.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	6.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1988	Findings:	17.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.590
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	.440
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	- .310
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	11.700
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	6.860
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	195.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/04/1989	Findings:	238.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	220.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/04/1989	Findings:	64.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	14.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	13.200 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	3.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	4.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.210 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	300.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	6.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/12/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/09/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.880
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	186.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/29/1990	Findings:	227.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	211.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/29/1990	Findings:	54.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	18.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	12.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/29/1990	Findings:	4.700 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/29/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.400 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	265.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/29/1990	Findings:	6.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/30/1991	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/30/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/30/1991	Findings:	178.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/30/1991	Findings:	217.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/30/1991	Findings:	216.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/30/1991	Findings:	63.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/30/1991	Findings:	14.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/30/1991	Findings:	13.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/30/1991	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/30/1991	Findings:	7.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/30/1991	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/30/1991	Findings:	.250 UG/L
Chemical:	BORON		
Sample Collected:	08/30/1991	Findings:	242.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/30/1991	Findings:	8.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/30/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	465.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	198.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	241.600 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1992	Findings:	240.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	75.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	11.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	8.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.100 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	261.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1992	Findings:	9.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/23/1993	Findings:	490.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1993	Findings:	181.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	221.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1993	Findings:	222.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	68.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1993	Findings:	12.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1993	Findings:	12.400 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1993	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1993	Findings:	8.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1993	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1993	Findings:	271.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1993	Findings:	9.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/20/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1993	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/20/1993	Findings:	1625.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/23/1994	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/23/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	4.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/25/1994	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1994	Findings:	188.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/25/1994	Findings:	230.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/25/1994	Findings:	234.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/25/1994	Findings:	76.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1994	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/25/1994	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	08/25/1994	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/25/1994	Findings:	10.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1994	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/25/1994	Findings:	305.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/25/1994	Findings:	13.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.970
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.270
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.220
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/26/1995	Findings:	7.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/26/1995	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/03/1995	Findings:	14.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/16/1995	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/16/1995	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	10/16/1995	Findings:	183.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/16/1995	Findings:	223.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/16/1995	Findings:	234.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/16/1995	Findings:	74.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/16/1995	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/16/1995	Findings:	14.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/16/1995	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/16/1995	Findings:	2.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/16/1995	Findings:	288.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/16/1995	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/11/1996	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/02/1996	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/21/1996	Findings:	.230 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/21/1996	Findings:	13.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	3070.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/04/1996	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/04/1996	Findings:	7.660
Chemical:	PH (LABORATORY)		
Sample Collected:	09/04/1996	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/04/1996	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/04/1996	Findings:	234.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/04/1996	Findings:	52.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/04/1996	Findings:	25.300 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/1996	Findings:	12.900 MG/L
Chemical:	SODIUM		
Sample Collected:	09/04/1996	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/04/1996	Findings:	5.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/04/1996	Findings:	.580 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/04/1996	Findings:	277.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/04/1996	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	525.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	185.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	226.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	244.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	78.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	13.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	11.900 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	9.650 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.304 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	302.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	14.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1997	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/29/1997	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	12/29/1997	Findings:	7.420
Chemical:	FIELD PH		
Sample Collected:	12/29/1997	Findings:	.740
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1997	Findings:	.040
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/29/1997	Findings:	1.400 NTU
Chemical:	TURBIDITY (LAB)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 12/29/1997 Findings: 11.980
Chemical: AGGRSSIVE INDEX (CORROSIVITY)

**H36
SSE
1/2 - 1 Mile
Lower**

FED USGS USGS0155749

Agency: USGS Site ID: 340600117190001
Site Name: 001S004W08F015S
Dec. Latitude: 34.10001
Dec. Longitude: -117.31754
Coord Sys: NAD83
State: CA
County: San Bernardino County
Altitude: 1091.28
Hydrologic code: 18070203
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: 19810101 Inven Date: 19911219
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: Not Reported
Hole depth: 956 Source: O
Project no: Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1991-12-19	136.93	

**I37
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS0156021

Agency: USGS Site ID: 340700117194301
Site Name: 001S004W05E004S
Dec. Latitude: 34.11668
Dec. Longitude: -117.32949
Coord Sys: NAD83
State: CA
County: San Bernardino County
Altitude: 1170.00
Hydrologic code: 18070203
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: 19220101 Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 172
Hole depth: 185 Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J38
SSW
1/2 - 1 Mile
Lower

FED USGS USGS0155816

Agency:	USGS	Site ID:	340559117194503
Site Name:	001S004W08E003S		
Dec. Latitude:	34.09973		
Dec. Longitude:	-117.33004		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1110		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19921023	Inven Date:	19921203
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	602		
Hole depth:	1000	Source:	S
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 110

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-09	207.80		2003-06-04	202.87	
2003-05-29	202.91		2003-04-23	201.54	
2003-03-26	202.96		2003-02-11	201.28	
2003-01-16	201.53		2002-12-11	200.28	
2002-11-20	199.84		2002-10-31	198.96	
2002-09-24	198.65		2002-08-12	197.97	
2002-07-17	197.72		2002-06-11	197.30	
2002-05-29	197.12		2002-05-15	197.03	
2002-04-11	196.82		2002-03-05	196.46	
2002-01-23	196.02		2001-12-20	195.74	
2001-11-20	195.45		2001-10-23	195.23	
2001-09-19	195.00		2001-08-21	194.76	
2001-07-18	194.42		2001-06-12	194.04	
2001-05-17	193.88		2001-04-19	193.71	
2001-03-21	193.48		2001-02-22	193.10	
2001-01-23	192.78		2000-12-19	192.48	
2000-11-22	192.08		2000-10-19	192.19	
2000-09-20	192.02		2000-08-18	191.74	
2000-07-11	191.15		2000-05-18	190.80	
2000-04-12	190.90		2000-03-01	190.60	
2000-01-13	190.30		1999-12-09	189.97	
1999-11-03	189.47		1999-10-04	188.91	
1999-09-03	188.29		1999-07-22	187.55	
1999-06-24	187.15		1999-06-09	187.04	
1999-05-07	186.82		1999-04-01	186.89	
1999-03-04	187.07		1999-02-04	186.95	
1999-01-05	187.46		1998-12-10	187.74	
1998-11-10	188.24		1998-10-05	189.29	
1998-09-10	190.29		1998-08-05	191.94	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1998-07-01	192.77		1998-05-29	193.45	
1998-04-22	194.10		1998-03-18	194.32	
1998-02-02	194.44		1998-01-06	194.62	
1997-12-04	194.36		1997-10-30	194.11	
1997-10-04	193.69		1997-09-24	193.45	
1997-08-27	193.10		1997-07-08	192.34	
1997-06-04	191.94		1997-05-01	191.40	
1997-04-10	191.42		1997-03-12	191.32	
1997-01-15	190.88		1996-12-17	190.68	
1996-11-05	190.06		1996-10-03	189.56	
1996-09-11	189.22		1996-08-13	188.50	
1996-07-15	187.90		1996-06-20	187.64	
1996-05-02	187.12		1996-04-02	186.62	
1996-03-07	186.56		1996-02-15	186.68	
1996-01-03	186.90		1995-12-11	186.94	
1995-11-07	187.10		1995-10-11	187.30	
1995-09-20	187.34		1995-08-09	187.52	
1995-07-05	187.96		1995-06-26	188.10	
1995-06-15	188.30		1995-05-22	188.41	
1995-05-16	188.44		1995-04-06	189.10	
1995-03-03	189.32		1995-02-07	189.77	
1994-12-30	189.62		1994-11-17	188.49	
1994-06-21	188.27		1994-04-03	188.32	
1994-01-18	187.81		1994-01-07	187.74	
1993-06-23	192.77		1993-04-15	196.85	
1992-12-09	198.21		1992-12-03	198.00	

J39
SSW
1/2 - 1 Mile
Lower

FED USGS USGS0155815

Agency:	USGS	Site ID:	340559117194502
Site Name:	001S004W08E002S		
Dec. Latitude:	34.09973		
Dec. Longitude:	-117.33004		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1110		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19921023	Inven Date:	19921203
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	775		
Hole depth:	1000	Source:	S
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 111

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-09	204.70		2003-06-13	201.68	
2003-05-29	201.80		2003-04-23	201.54	
2003-03-26	201.75		2003-02-11	200.26	
2003-01-16	200.26		2002-12-11	198.78	
2002-11-20	198.40		2002-10-31	197.64	
2002-09-24	197.53		2002-08-12	196.81	
2002-07-17	196.52		2002-06-11	196.15	
2002-05-29	195.93		2002-05-15	195.86	
2002-04-11	195.52		2002-03-05	195.19	
2002-01-23	194.76		2001-12-20	194.53	
2001-11-20	194.13		2001-10-23	193.98	
2001-09-19	193.68		2001-08-21	193.46	
2001-07-18	193.12		2001-06-12	192.73	
2001-05-17	192.59		2001-04-19	192.41	
2001-03-21	192.00		2001-02-22	191.69	
2001-01-23	191.41		2000-12-19	191.25	
2000-11-22	190.85		2000-10-19	190.95	
2000-09-20	190.77		2000-08-18	190.52	
2000-07-11	189.95		2000-05-18	189.67	
2000-04-12	189.73		2000-03-01	189.21	
2000-01-13	189.07		1999-12-09	188.63	
1999-11-03	188.12		1999-10-04	187.50	
1999-09-03	186.90		1999-07-22	186.22	
1999-06-24	185.83		1999-06-09	185.78	
1999-05-07	185.62		1999-04-01	185.76	
1999-03-04	185.95		1999-02-04	185.88	
1999-01-05	186.42		1998-12-10	186.75	
1998-11-10	187.45		1998-10-05	188.50	
1998-09-10	189.42		1998-08-05	190.95	
1998-07-01	191.67		1998-05-29	192.13	
1998-04-22	192.77		1998-03-18	192.80	
1998-02-02	192.87		1998-01-06	193.15	
1997-12-04	192.67		1997-10-30	192.51	
1997-10-04	192.14		1997-09-24	191.87	
1997-08-27	191.62		1997-07-08	190.86	
1997-06-04	190.56		1997-05-01	189.98	
1997-04-10	190.02		1997-03-12	189.82	
1997-02-13	189.66		1997-01-15	189.26	
1996-12-17	189.04		1996-11-05	188.50	
1996-10-03	188.02		1996-09-11	187.68	
1996-08-13	187.04		1996-07-15	186.54	
1996-06-20	186.30		1996-05-02	185.80	
1996-04-02	185.22		1996-03-07	185.18	
1996-02-15	185.50		1996-01-03	185.68	
1995-12-11	185.88		1995-11-07	186.00	
1995-10-11	186.20		1995-09-20	186.22	
1995-08-09	186.50		1995-07-05	186.86	
1995-06-26	187.02		1995-06-15	187.20	
1995-05-22	187.42		1995-05-16	187.28	
1995-04-06	187.84		1995-03-03	188.06	
1995-02-07	188.28		1994-12-30	188.39	
1994-11-17	188.20		1994-06-21	187.19	
1994-04-03	187.11		1994-01-18	186.83	
1994-01-07	186.85		1993-06-23	192.26	
1993-04-15	195.88		1992-12-09	197.18	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-12-03	197.02				

**J40
SSW
1/2 - 1 Mile
Lower**

FED USGS USGS0155814

Agency:	USGS	Site ID:	340559117194501
Site Name:	001S004W08E001S		
Dec. Latitude:	34.09973		
Dec. Longitude:	-117.33004		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1110		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19921023	Inven Date:	19921203
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	995		
Hole depth:	1000	Source:	S
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 112

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-09	201.49		2003-06-13	200.12	
2003-06-04	199.95		2003-05-29	200.11	
2003-04-23	200.16		2003-03-26	199.90	
2003-02-11	199.00		2003-01-16	198.43	
2002-12-11	197.23		2002-11-20	196.65	
2002-10-31	196.16		2002-09-24	196.16	
2002-08-12	195.31		2002-07-17	195.01	
2002-06-11	194.63		2002-05-29	194.41	
2002-05-15	194.31		2002-04-11	193.85	
2002-03-05	193.58		2002-01-23	193.16	
2001-12-20	192.97		2001-11-20	192.53	
2001-10-23	192.42		2001-09-19	192.02	
2001-08-21	191.82		2001-07-18	191.48	
2001-06-12	190.97		2001-05-17	190.70	
2001-04-19	190.70		2001-03-21	190.11	
2001-02-22	189.88		2001-01-23	189.73	
2000-12-19	189.82		2000-11-22	189.36	
2000-10-19	189.46		2000-09-20	189.15	
2000-08-18	188.89		2000-07-11	188.37	
2000-05-18	188.16		2000-04-12	188.06	
2000-03-01	187.54		2000-01-13	187.37	
1999-12-09	186.94		1999-11-03	186.38	
1999-10-04	185.74		1999-09-03	185.17	
1999-07-22	184.54		1999-06-24	184.24	
1999-06-09	184.25		1999-05-07	184.15	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-04-01	184.39		1999-03-04	184.62	
1999-02-04	184.69		1999-01-05	185.32	
1998-12-10	185.83		1998-11-10	186.67	
1998-10-05	187.66		1998-09-10	188.43	
1998-08-05	189.69		1998-07-01	190.21	
1998-05-29	190.49		1998-04-22	190.99	
1998-03-18	190.91		1998-02-02	190.80	
1998-01-06	191.47		1997-12-04	190.64	
1997-10-30	190.50		1997-10-04	190.16	
1997-09-24	189.87		1997-08-27	189.78	
1997-07-08	189.02		1997-06-04	188.78	
1997-05-01	188.18		1997-04-10	188.16	
1997-03-12	187.70		1997-02-13	187.80	
1997-01-15	187.38		1996-12-17	187.02	
1996-11-05	186.80		1996-10-03	186.06	
1996-09-11	185.76		1996-08-13	185.16	
1996-07-15	184.90		1996-06-20	184.62	
1996-05-02	184.02		1996-04-02	183.62	
1996-03-07	183.66		1996-02-15	184.06	
1996-01-03	184.28		1995-12-11	184.72	
1995-11-07	184.84		1995-10-11	184.94	
1995-09-20	184.92		1995-08-09	185.24	
1995-07-05	185.58		1995-06-26	185.64	
1995-06-15	185.80		1995-05-22	186.41	
1995-05-16	186.00		1995-04-06	186.35	
1995-03-03	186.57		1995-02-07	186.64	
1994-12-30	186.98		1994-11-17	186.62	
1994-06-21	185.88		1994-04-03	185.71	
1994-01-18	185.70		1994-01-07	285.86	
1993-06-23	191.74		1993-04-15	194.64	
1992-12-08	195.56		1992-12-03	195.24	

J41
SSW
1/2 - 1 Mile
Lower

FED USGS USGS0155817

Agency:	USGS	Site ID:	340559117194504
Site Name:	001S004W08E004S		
Dec. Latitude:	34.09973		
Dec. Longitude:	-117.33004		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1110		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19921023	Inven Date:	19921203
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	340		
Hole depth:	1000	Source:	S
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 111

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-09	213.45		2003-06-04	205.92	
2003-05-29	205.96		2003-04-23	205.71	
2003-03-26	205.84		2003-02-11	204.44	
2003-01-16	204.66		2002-12-11	204.89	
2002-11-20	203.13		2002-10-31	202.49	
2002-09-24	201.92		2002-08-12	201.24	
2002-07-17	200.97		2002-06-11	200.65	
2002-05-29	200.41		2002-05-15	200.31	
2002-04-11	200.21		2002-03-05	199.88	
2002-01-23	199.50		2001-12-20	199.11	
2001-11-20	198.93		2001-10-23	198.60	
2001-09-19	198.38		2001-08-21	198.00	
2001-07-18	197.79		2001-06-12	197.40	
2001-05-17	197.29		2001-04-19	197.08	
2001-03-21	196.76		2001-02-22	196.55	
2001-01-23	196.35		2000-12-19	195.79	
2000-11-22	195.50		2000-10-19	195.49	
2000-09-20	195.35		2000-08-18	195.12	
2000-07-11	194.54		2000-05-18	194.09	
2000-04-12	194.19		2000-03-01	193.94	
2000-01-13	193.89		1999-12-09	193.50	
1999-11-03	192.95		1999-10-04	192.48	
1999-09-03	191.83		1999-07-22	191.06	
1999-06-24	190.65		1999-06-09	190.55	
1999-05-07	190.31		1999-04-01	190.22	
1999-03-04	190.40		1999-02-04	190.38	
1999-01-05	190.76		1998-12-10	191.04	
1998-11-10	191.61		1998-10-05	192.61	
1998-09-10	193.59		1998-08-05	195.20	
1998-07-01	195.95		1998-05-29	196.86	
1998-04-22	197.51		1998-03-18	198.03	
1998-02-02	198.32		1998-01-06	198.29	
1997-12-04	198.15		1997-10-30	197.86	
1997-10-04	197.42		1997-09-24	197.18	
1997-08-27	196.74		1997-07-08	195.92	
1997-06-04	195.46		1997-05-01	194.92	
1997-04-10	194.84		1997-03-12	195.04	
1997-02-13	194.90		1997-01-15	194.76	
1996-12-17	194.38		1996-11-05	193.70	
1996-10-03	193.22		1996-09-11	192.84	
1996-08-13	192.14		1996-07-15	191.34	
1996-06-20	191.06		1996-05-02	190.46	
1996-04-02	189.94		1996-03-07	190.00	
1996-02-15	190.20		1996-01-03	190.26	
1995-12-11	190.42		1995-11-07	190.54	
1995-10-11	190.68		1995-09-20	190.72	
1995-08-09	190.78		1995-07-05	191.18	
1995-06-26	191.40		1995-06-15	191.44	
1995-05-22	191.74		1995-05-16	191.68	
1995-04-06	192.35		1995-03-03	192.86	
1995-02-07	193.22		1994-12-30	193.23	
1994-11-17	193.11		1994-06-21	191.69	
1994-04-03	191.72		1994-01-18	191.23	
1994-01-07	191.24		1993-06-23	195.57	
1993-04-15	199.60		1992-12-08	200.77	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-12-03	200.64				

**42
NW
1/2 - 1 Mile
Higher**

FED USGS USGS0156002

Agency: USGS Site ID: 340652117195801
 Site Name: 001S004W06H001S
 Dec. Latitude: 34.11446
 Dec. Longitude: -117.33366
 Coord Sys: NAD83
 State: CA
 County: San Bernardino County
 Altitude: 1160.00
 Hydrologic code: 18070203
 Topographic: Flood plain
 Site Type: Ground-water other than Spring
 Const Date: 1923 Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: Not Reported
 Hole depth: 636 Source: L
 Project no: Not Reported

Ground-water levels, Number of Measurements: 561

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-10-23					
Note: The well was destroyed (no water level is recorded).					
2001-04-16	143.62		2000-10-26	150.04	
2000-04-18	138.52		1999-10-19	138.60	
1999-04-13	129.09		1998-10-20	133.87	
1998-04-07	131.88		1997-10-29	138.20	
1997-04-15	130.51		1996-10-09	136.10	
1996-04-23	127.60		1995-10-24	134.31	
1995-04-19	137.33		1994-10-24	147.84	
1994-04-18	137.92		1993-10-20	128.01	
1993-04-14	129.96				
1992-10-28	161.60				

Note: A nearby site that taps the same aquifer was being pumped.

1992-06-17 162.46

Note: A nearby site that taps the same aquifer was being pumped.

1991-11-27 161.88

Note: A nearby site that taps the same aquifer was being pumped.

1991-06-19 153.75

Note: A nearby site that taps the same aquifer was being pumped.

1990-11-28 144.52

1990-06-27 137.05

Note: A nearby site that taps the same aquifer was being pumped.

1989-11-27 127.60

Note: A nearby site that taps the same aquifer was being pumped.

1989-09-21 125.80

Note: A nearby site that taps the same aquifer was being pumped.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1988-11-28	109.44				
Note: A nearby site that taps the same aquifer was being pumped.					
1988-06-29	96.14		1988-04-12	84.11	
1987-06-18	76.75		1986-12-01	62.0	
1986-11-21	71.41				
Note: A nearby site that taps the same aquifer was being pumped.					
1986-11-01	62.0		1986-10-01	59.0	
1986-09-01	73.0		1986-08-01	66.0	
1986-07-01	58.0		1986-06-20	55.84	
1986-06-01	53.0		1986-05-29	55.10	
1986-05-01	46.0		1986-04-01	43.0	
1986-03-01	44.0		1986-02-01	44.0	
1986-01-02	41.0		1985-12-12	28.7	
1985-12-02	40.0		1985-11-01	43.0	
1985-10-01	45.0		1985-09-03	48.2	
1985-08-01	46.0		1985-07-01	47.0	
1985-06-25	43.0		1985-06-03	46.6	
1985-05-01	40.9		1985-04-01	34.2	
1985-03-01	28.5		1985-02-01	28.7	
1985-01-02	28.1		1984-12-03	28.7	
1984-11-01	30.6		1984-10-01	32.4	
1984-09-04	32.2		1984-08-01	32.0	
1984-07-02	32.3		1984-06-01	28.9	
1984-05-01	34.2		1984-04-02	28.0	
1984-03-01	20.9		1984-02-01	19.9	
1983-12-01	30.6		1983-11-01	32.7	
1983-09-01	44.2		1983-08-01	44.5	
1983-07-01	29.8		1983-06-01	46.9	
1983-05-02	39.6		1983-04-01	40.2	
1983-03-01	42.2		1983-02-01	47.9	
1983-01-03	45.0		1982-12-01	47.0	
1982-11-01	48.5		1982-10-01	59.4	
1982-09-01	61.5		1982-08-02	45.8	
1982-07-01	48.5		1982-06-01	45.5	
1982-05-03	44.8		1982-04-01	44.0	
1982-03-01	50.8		1982-02-01	48.1	
1982-01-02	50.0		1981-12-01	53.0	
1981-11-02	53.0		1981-10-01	53.0	
1981-09-04	53.0		1981-07-02	53.0	
1981-06-02	53.0		1981-05-02	49.0	
1981-04-02	68.0		1981-03-03	68.0	
1981-02-04	68.0		1981-01-02	68.0	
1980-12-03	71.0		1980-11-03	71.0	
1980-10-03	76.0		1980-09-02	78.0	
1980-07-02	71.0		1980-06-02	78.0	
1980-05-02	71.0		1980-04-02	76.0	
1977-05-01	163.0		1975-12-01	146.0	
1975-11-01	144.0		1975-10-01	142.0	
1975-09-01	135.0		1975-08-01	133.0	
1975-07-01	134.0		1975-06-01	130.0	
1975-05-01	129.0		1975-04-01	129.0	
1975-01-02	141.0		1974-12-01	140.0	
1974-09-01	138.0		1974-06-01	133.0	
1974-05-01	133.0		1974-04-01	132.0	
1974-02-01	135.0		1974-01-01	134.0	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1973-11-01	141.0	
1973-09	138.0	
1973-07	147.0	
1973-05	127.0	
1973-03	125.0	
1973-01	127.0	
1972-11	123.0	
1972-07	132.0	
1972-05	127.0	
1972-03	127.0	
1972-01	134.0	
1971-09	132.0	
1971-07	133.0	
1971-02	140.0	
1970-11	148.0	
1970-09-01	151.5	
1970-07	152.0	
1970-05	152.0	
1970-03	153.0	
1970-01	154.0	
1969-11	154.0	
1969-09	154.0	
1969-06	159.0	
1969-03	182.0	
1969-01	198.0	
1968-11	203.0	
1968-09	229.0	

Note: The site was being pumped.

1968-08 227.0

Note: The site was being pumped.

1968-07	198.0
1968-05	197.0
1968-03-07	195.0
1968-01	192.0
1967-11	195.0
1967-09	199.5
1967-07	199.5
1967-05	192.5
1967-03-01	191.5
1967-01	195.5
1966-11-01	196.5
1966-09-06	194.5
1966-07-07	191.5
1966-05-01	189.5
1966-04-06	265.5

Note: The site was being pumped.

1966-03-03 190.5

1966-01-03 191.5

1965-11-01 221.5

Note: The site was being pumped.

1965-10-01 253.5

Note: The site was being pumped.

1965-09-02 238.5

Note: The site was being pumped.

1965-08-03 235.5

Note: The site was being pumped.

Date	Feet below Surface	Feet to Sealevel
1973-10-01	143.0	
1973-08	140.0	
1973-06	128.0	
1973-04	127.0	
1973-02	127.0	
1972-12	123.0	
1972-08	129.0	
1972-06	78.0	
1972-04	127.0	
1972-02	133.0	
1971-10	133.0	
1971-08	133.0	
1971-03	136.0	
1971-01	143.0	
1970-10	150.0	
1970-08	152.0	
1970-06-01	152.0	
1970-04-01	150.0	
1970-02	153.0	
1969-12	150.0	
1969-10	153.0	
1969-08	152.0	
1969-04	173.0	
1969-02	198.0	
1968-12	199.0	

1968-06	198.0
1968-04	196.0
1968-02-02	192.0
1967-12	193.0
1967-10	196.0
1967-08	194.5
1967-06	195.5
1967-04	191.5
1967-02-01	194.5
1966-12-01	194.5
1966-10	194.5
1966-08-01	193.5
1966-06-07	191.5

1966-02-01 191.5

1965-12-01 192.5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1965-07-01	231.5				
Note: The site was being pumped.					
1965-05-03	181.5		1965-04-05	178.5	
1965-03-03	179.5		1965-02-01	177.5	
1965-01-05	178.5		1964-11-24	181.5	
1964-11-04	237.5				
Note: The site was being pumped.					
1964-10-07	232.5				
Note: The site was being pumped.					
1964-09-01	271.5				
Note: The site was being pumped.					
1964-08-04	226.5				
Note: The site was being pumped.					
1964-07-02	253.5				
Note: The site was being pumped.					
1964-06-02	229.5				
Note: The site was being pumped.					
1964-04-07	175.5				
Note: A nearby site that taps the same aquifer was being pumped.					
1964-03-04	175.5				
Note: A nearby site that taps the same aquifer was being pumped.					
1964-02-04	175.5				
Note: A nearby site that taps the same aquifer was being pumped.					
1964-01-02	201.5				
Note: A nearby site that taps the same aquifer was being pumped.					
1963-12-01	214.5				
Note: The site was being pumped.					
1963-10-01	206.0				
Note: The site was being pumped.					
1963-09-01	271.3				
Note: The site was being pumped.					
1963-08-01	246.3				
Note: The site was being pumped.					
1963-07-10	244.9				
Note: The site was being pumped.					
1963-06-01	222.2				
Note: The site was being pumped.					
1963-05-17	207.5				
Note: The site was being pumped.					
1963-04-17	161.5		1963-02-15	161.5	
1963-01-15	163.5				
1962-07-12	228.9				
Note: The site was being pumped.					
1962-06-06	163.0		1962-04-01	157.9	
1962-03-01	202.2				
Note: The site was being pumped.					
1962-02-08	156.6				
1958-07-16	195.2				
Note: The site was being pumped.					
1958-06-02	131.9				
1958-05-02	180.6				
Note: The site was being pumped.					
1958-04-02	131.1		1958-03-02	132.4	
1957-12-02	133.9		1957-11-02	134.7	
1957-10-02	225.6				
Note: The site was being pumped.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1957-09-02	221.8				
Note: The site was being pumped.					
1957-08-02	210.9				
Note: The site was being pumped.					
1957-07-02	198.7				
Note: The site was being pumped.					
1957-06-02	130.1				
1957-05-02	174.9				
Note: The site was being pumped.					
1957-04-02	126.8		1957-03-02	128.7	
1957-02-02	127.6				
1957-01-02	201.9				
Note: The site was being pumped.					
1956-12-02	170.9				
Note: The site was being pumped.					
1956-11-02	204.0				
Note: The site was being pumped.					
1956-10-02	199.9				
Note: The site was being pumped.					
1956-09-02	201.9				
Note: The site was being pumped.					
1956-08-02	173.6				
Note: The site was being pumped.					
1956-07-01	178.9				
Note: The site was being pumped.					
1956-06-01	178.6				
Note: The site was being pumped.					
1956-05-01	178.1				
Note: The site was being pumped.					
1956-04-01	170.9				
Note: The site was being pumped.					
1956-03-01	121.1		1956-02-01	121.6	
1956-01-01	123.3		1955-12-01	128.1	
1955-11-01	182.1		1955-10-14	187.1	
1955-08-06	177.4		1955-07-08	174.6	
1955-06-09	170.3				
Note: The site was being pumped.					
1955-05-06	118.1		1955-04-01	119.3	
1955-03-03	114.9		1955-02-07	114.9	
1955-01-06	115.9		1954-12-01	116.9	
1954-11-01	196.9				
Note: The site was being pumped.					
1954-10-01	167.9				
Note: The site was being pumped.					
1954-08-01	181.2				
Note: The site was being pumped.					
1954-07-09	175.5				
Note: The site was being pumped.					
1954-06-05	159.1				
Note: The site was being pumped.					
1954-05-07	160.3				
Note: The site was being pumped.					
1954-04-05	110.1		1954-03-01	112.3	
1954-02-01	112.3		1954-01-01	102.5	
1953-12-01	121.1				
1953-11-01	189.2				
Note: The site was being pumped.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-10-01	186.2				
Note: The site was being pumped.					
1953-09-01	177.2				
Note: The site was being pumped.					
1953-08-01	175.1				
Note: The site was being pumped.					
1953-07-10	167.9				
Note: The site was being pumped.					
1953-06-08	162.9				
Note: The site was being pumped.					
1953-05-08	104.3				
1953-04-10	157.1				
Note: The site was being pumped.					
1953-03-07	157.9				
Note: The site was being pumped.					
1953-02-01	160.5				
Note: The site was being pumped.					
1953-01-01	103.2		1952-12-01	104.9	
1952-11-01	167.7				
Note: The site was being pumped.					
1952-10-01	165.3				
Note: The site was being pumped.					
1952-09-01	162.9				
Note: The site was being pumped.					
1952-08-01	157.8				
Note: The site was being pumped.					
1952-07-01	154.9				
Note: The site was being pumped.					
1952-06-01	150.5				
Note: The site was being pumped.					
1952-05-01	88.9		1952-04-01	91.3	
1952-03-01	91.8		1952-02-01	94.4	
1952-01-01	95.3		1951-12-01	97.8	
1951-11-01	171.9				
Note: The site was being pumped.					
1951-10-01	172.5				
Note: The site was being pumped.					
1951-09-01	149.2				
Note: The site was being pumped.					
1951-08-01	135.3				
Note: The site was being pumped.					
1951-07-01	157.6				
Note: The site was being pumped.					
1951-06-01	150.9				
Note: The site was being pumped.					
1951-05-01	79.9				
1951-04-01	130.0				
Note: The site was being pumped.					
1951-03-01	79.8		1951-02-01	79.1	
1951-01-01	84.1		1950-12-01	83.4	
1950-11-01	146.4				
Note: The site was being pumped.					
1950-10-01	148.7				
Note: The site was being pumped.					
1950-09-01	153.8				
Note: The site was being pumped.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1950-08-01	132.2	
Note: The site was being pumped.		
1950-07-01	134.2	
Note: The site was being pumped.		
1950-06-01	133.1	
Note: The site was being pumped.		
1950-05-01	148.6	
Note: The site was being pumped.		
1950-04-01	68.2	
1950-02-01	66.8	
1950-01-01	128.2	
Note: The site was being pumped.		
1949-12-21	60.65	
1949-12-01	144.3	
Note: The site was being pumped.		
1949-11-01	154.9	
Note: The site was being pumped.		
1949-10-01	155.1	
Note: The site was being pumped.		
1949-09-01	152.2	
Note: The site was being pumped.		
1949-08-01	131.2	
Note: The site was being pumped.		
1949-07-01	150.1	
Note: The site was being pumped.		
1949-06-01	138.1	
Note: The site was being pumped.		
1949-05-01	141.5	
Note: The site was being pumped.		
1949-04-01	53.7	
1949-01-01	55.4	
1948-12-01	147.1	
Note: The site was being pumped.		
1948-11-01	61.1	
1948-10-01	133.5	
Note: The site was being pumped.		
1948-09-01	160.6	
Note: The site was being pumped.		
1948-08-01	152.2	
Note: The site was being pumped.		
1948-07-01	134.0	
Note: The site was being pumped.		
1948-05-01	120.4	
Note: The site was being pumped.		
1948-04-01	44.1	
1948-02-01	47.1	
1948-01-08	127.8	
Note: The site was being pumped.		
1947-12-10	46.9	
1947-11-06	145.7	
Note: The site was being pumped.		
1947-09-05	135.2	
Note: The site was being pumped.		
1947-08-08	132.7	
Note: The site was being pumped.		

Date	Feet below Surface	Feet to Sealevel
1950-03-01	66.5	
1949-02-01	54.1	
1948-03-01	46.9	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1947-07-11	129.3				
Note: The site was being pumped.					
1947-06-06	113.2				
Note: The site was being pumped.					
1947-05-01	104.0				
Note: The site was being pumped.					
1947-03-01	29.8		1947-02-10	31.0	
1947-01-08	31.0		1946-12-10	38.0	
1946-11-10	53.0				
1946-10-08	123.0				
Note: The site was being pumped.					
1946-09-07	126.5				
Note: The site was being pumped.					
1946-08-10	129.0				
Note: The site was being pumped.					
1946-07-08	97.0				
Note: The site was being pumped.					
1946-06-10	115.2				
Note: The site was being pumped.					
1946-04-10	26.8		1946-03-05	75.2	
1946-02-07	24.5				
1945-12-10	93.7				
Note: The site was being pumped.					
1945-11-08	111.0		1945-10-10	55.9	
1945-09-13	106.8		1945-08-01	104.0	
1945-06-30	97.5				
Note: The site was being pumped.					
1945-06-04	77.9				
Note: The site was being pumped.					
1945-04-30	70.0				
Note: A nearby site that taps the same aquifer was being pumped.					
1945-04-02	19.0		1945-03-05	21.3	
1945-02-01	25.5		1944-12-28	27.7	
1944-11-30	31.7				
1944-10-31	137.5				
Note: The site was being pumped.					
1944-10-04	130.1				
Note: The site was being pumped.					
1944-09-04	100.2				
Note: The site was being pumped.					
1944-08-03	98.3		1944-07-01	85.0	
1944-06-02	78.9				
Note: The site was being pumped.					
1944-05-02	27.5		1944-03-31	27.0	
1944-03-04	29.5		1944-01-31	34.3	
1944-01-03	37.0				
1943-12-02	106.0				
Note: The site was being pumped.					
1943-10-30	37.9				
1943-10-01	115.0				
Note: The site was being pumped.					
1943-08-28	108.9				
Note: The site was being pumped.					
1943-08-01	91.9				
Note: The site was being pumped.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1943-07-02	93.4				
Note: The site was being pumped.					
1943-06-01	86.0				
Note: The site was being pumped.					
1943-05-10	91.9				
Note: The site was being pumped.					
1943-04-01	37.0		1943-03-01	38.4	
1943-02-01	43.2		1943-01-04	47.0	
1942-12-02	54.0		1942-11-01	55.1	
1942-10-01	121.8				
Note: The site was being pumped.					
1942-09-02	112.0				
Note: The site was being pumped.					
1942-08-03	106.0				
Note: The site was being pumped.					
1942-05-01	40.3		1942-04-05	42.2	
1942-03-01	43.3				
Note: The site was being pumped.					
1942-01-31	42.9		1941-12-31	45.9	
1941-11-11	50.9				
1941-07-01	110.2				
Note: The site was being pumped.					
1941-05-01	51.4		1941-03-01	56.1	
1941-02-01	65.0		1941-01-02	61.5	
1940-12-02	71.5		1940-11-04	74.0	
1940-10-04	149.8				
Note: The site was being pumped.					
1940-09-04	139.9				
Note: The site was being pumped.					
1940-08-03	136.5				
Note: The site was being pumped.					
1940-07-03	134.5				
Note: The site was being pumped.					
1940-06-03	111.5				
Note: The site was being pumped.					
1940-05-03	70.0		1940-04-01	70.0	
1940-03-07	72.7		1940-02-05	76.0	
1940-01-03	80.0				
1939-12-04	146.3				
Note: The site was being pumped.					
1939-10-31	151.2				
Note: The site was being pumped.					
1939-10-02	85.9				
1939-09-01	165.5				
Note: The site was being pumped.					
1939-08-01	151.0				
Note: The site was being pumped.					
1939-07-05	136.2				
Note: The site was being pumped.					
1939-06-03	138.0				
Note: The site was being pumped.					
1939-05-01	140.5				
Note: The site was being pumped.					
1939-04-01	83.9		1939-03-01	86.9	
1939-02-02	89.5		1939-01-04	91.9	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-07-01	100.5		1938-05-02	92.7	
1938-04-01	101.4		1938-03-01	107.0	
1938-01-31	109.7		1938-01-03	114.5	
1937-05-29	129.5				
Note: The site was being pumped.					
1937-05-01	99.0		1937-04-01	103.5	
1937-02-27	106.7		1937-01-30	99.5	
1936-12-31	103.5		1936-11-30	104.2	
1936-11-09	114.5		1936-04-03	98.5	
1936-03-03	104.1		1936-02-03	97.5	
1936-01-03	98.5				
1935-12-04					
Note: The site was being pumped.					
1935-11-07					
Note: The site was being pumped.					
1935-09-30					
Note: The site was being pumped.					
1935-09-03					
Note: The site was being pumped.					
1935-08-03					
Note: The site was being pumped.					
1935-07-02					
Note: The site was being pumped.					
1935-06-01					
Note: The site was being pumped.					
1935-05-01	98.2		1935-04-02	94.2	
1935-03-05	95.1		1935-02-11	100.1	
1935-01-02	101.9		1934-12-01	101.7	
1934-11-05	107.9		1934-03-05	98.1	
1934-02-06	92.3		1934-01-18	82.0	
1933-05-01	97.7		1933-03-01	95.7	
1933-02-01	94.1		1933-01-01	118.9	
1932-10-01	117.5		1932-05-03	109.7	
1932-04-04	154.1				
Note: The site was being pumped.					
1932-03-05	90.5		1932-02-02	90.7	
1932-01-04	95.6		1931-12-07	97.1	
1931-11-14	98.4		1931-10-09	96.1	
1931-09-08	96.2		1931-08-12	89.7	
1931-07-07	92.1		1931-06-06	89.0	
1931-05-07	87.8		1931-05-06	88.2	
1931-03-06	90.0		1931-02-11	89.0	
1931-01-06	90.0		1930-12-04	91.0	
1930-11-01	167.0				
Note: The site was being pumped.					
1930-10-01	168.0				
Note: The site was being pumped.					
1930-09-01	167.0				
Note: The site was being pumped.					
1930-08-01	169.0				
Note: The site was being pumped.					
1930-07-01	119.0				
Note: The site was being pumped.					
1930-06-01	119.0				
Note: The site was being pumped.					

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1930-05-01	104.0				
Note: The site was being pumped.					
1929-12-07	169.0				
Note: The site was being pumped.					
1929-11-02	164.5				
Note: The site was being pumped.					
1929-10-05	172.0				
Note: The site was being pumped.					
1929-09-07	167.0				
Note: The site was being pumped.					
1929-08-03	167.0				
Note: The site was being pumped.					
1929-07-06	164.6				
1929-06-01	144.0				
Note: The site was being pumped.					
1929-04-08	67.0				
1929-03-18	154.6				
Note: The site was being pumped.					
1929-03-10	69.0				
1929-02-09	104.0				
Note: The site was being pumped.					
1929-01-06	146.0				
Note: The site was being pumped.					
1928-12-03	168.0				
Note: The site was being pumped.					
1928-11-03	169.0				
Note: The site was being pumped.					
1928-10-23	104.6				
1928-09-01	169.5				
Note: The site was being pumped.					
1928-08-02	169.5				
Note: The site was being pumped.					
1928-07-01	169.5				
Note: The site was being pumped.					
1928-06-02	169.5				
Note: The site was being pumped.					
1928-05-06	175.0				
Note: The site was being pumped.					
1928-04-21	153.2				
Note: The site was being pumped.					
1928-03-20	37.0		1928-02-26	67.0	
1928-02-11	66.5		1928-01-25	67.0	
1927-09-20	71.0				
Note: A nearby site that taps the same aquifer was being pumped.					
1927-02-25	63.4				

43
South
1/2 - 1 Mile
Lower

FED USGS USGS0155804

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340552117191701
Site Name:	001S004W08K009S		
Dec. Latitude:	34.09779		
Dec. Longitude:	-117.32227		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1086.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19230101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	59.0		
Hole depth:	59.0	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

44
NW
1/2 - 1 Mile
Higher

FED USGS USGS0156026

Agency:	USGS	Site ID:	340702117194701
Site Name:	001S004W05E003S		
Dec. Latitude:	34.11723		
Dec. Longitude:	-117.3306		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1170.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	147		
Hole depth:	147	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

45
SSE
1/2 - 1 Mile
Lower

FED USGS USGS0155803

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency: USGS Site ID: 340552117190201
 Site Name: 001S004W08K010S
 Dec. Latitude: 34.09779
 Dec. Longitude: -117.3181
 Coord Sys: NAD83
 State: CA
 County: San Bernardino County
 Altitude: 1079.00
 Hydrologic code: 18070203
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: 19580101 Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 266
 Hole depth: 280 Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 0

K46 NE 1/2 - 1 Mile Higher

FED USGS USGS0156081

Agency: USGS Site ID: 340655117184005
 Site Name: 001S004W04E005S
 Dec. Latitude: 34.11529
 Dec. Longitude: -117.31199
 Coord Sys: NAD83
 State: CA
 County: San Bernardino County
 Altitude: 1120
 Hydrologic code: 18070203
 Topographic: Alluvial fan
 Site Type: Ground-water other than Spring
 Const Date: 19741023 Inven Date: 19860328
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 241.4
 Hole depth: 605 Source: G
 Project no: Not Reported

Ground-water levels, Number of Measurements: 136

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-09	147.82		2003-05-30	144.70	
2003-04-23	143.41		2003-03-26	139.46	
2003-02-12	138.91		2003-01-16	138.28	
2002-12-11	138.62		2002-11-20	137.98	
2002-10-31	138.46		2002-09-24	140.66	
2002-08-12	138.05		2002-07-17	135.32	
2002-06-11	131.95		2002-05-29	131.32	
2002-05-15	130.43		2002-04-11	128.44	
2002-03-05	127.64		2002-01-23	128.03	
2001-12-20	126.49		2001-11-20	126.54	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-10-23	126.91		2001-09-19	127.06	
2001-08-21	126.65		2001-07-18	125.34	
2001-06-11	124.09		2001-05-17	123.62	
2001-04-19	117.97		2001-03-21	117.18	
2001-02-22	116.78		2001-01-23	118.24	
2001-01-08	119.61		2000-12-19	118.92	
2000-11-22	118.96		2000-10-19	122.46	
2000-09-20	122.56		2000-08-18	121.36	
2000-07-11	118.22		2000-05-18	114.00	
2000-04-12	113.47		2000-03-01	108.55	
2000-01-13	110.78		1999-12-09	111.89	
1999-11-03	113.13		1999-10-04	114.58	
1999-09-03	114.16		1999-07-22	112.43	
1999-06-25	111.53		1999-06-08	109.72	
1999-05-06	108.78		1999-04-01	109.57	
1999-03-04	109.97		1999-02-04	108.38	
1999-01-05	110.13		1998-12-09	109.17	
1998-11-10	113.23		1998-10-05	113.81	
1998-09-10	114.55		1998-08-05	118.72	
1998-07-01	117.77		1998-05-29	113.40	
1998-04-22	112.05		1998-03-17	106.55	
1998-02-02	107.48		1998-01-06	111.76	
1997-12-04	112.53		1997-10-30	117.46	
1997-10-03	118.40		1997-09-24	116.85	
1997-08-27	119.24		1997-07-09	118.23	
1997-06-04	116.66		1997-05-07	112.72	
1997-04-03	110.40		1997-03-05	111.29	
1997-02-12	110.61		1997-01-15	110.45	
1996-12-09	113.67		1996-11-06	115.00	
1996-10-03	118.73		1996-09-12	120.20	
1996-08-02	119.70		1996-07-03	118.61	
1996-06-07	118.00		1996-05-22	116.56	
1996-04-04	109.61		1996-03-14	107.31	
1996-02-23	113.14		1996-01-11	115.28	
1995-12-08	116.84		1995-11-03	120.45	
1995-10-04	122.34		1995-09-08	119.31	
1995-08-03	122.83		1995-07-06	121.29	
1995-05-23	121.91		1995-04-03	119.81	
1995-03-14	121.21		1995-01-31	122.46	
1994-12-20	121.56		1994-11-09	122.43	
1994-10-05	125.59		1994-08-24	124.72	
1994-07-19	121.71		1994-06-02	122.69	
1994-04-14	120.37		1994-03-02	119.34	
1994-01-25	120.78		1994-01-18	120.97	
1994-01-07	120.65		1993-12-07	122.27	
1993-10-22	123.84		1993-09-13	125.51	
1993-08-05	122.95		1993-06-24	120.40	
1993-05-11	122.47		1993-03-24	124.85	
1993-02-16	123.21		1992-12-31	132.28	
1992-11-25	131.42		1992-10-19	133.89	
1992-09-17	133.92		1992-06-23	127.62	
1992-04-08	117.39		1992-01-02	125.99	
1991-10-31	127.43		1991-06-18	118.20	
1990-11-27	107.73		1990-06-27	94.72	
1989-11-29	85.65		1989-09-22	83.50	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1988-11-30	70.83		1988-06-28	64.78	
1988-04-12	61.16		1987-06-18	53.03	
1986-11-21	45.66				
Note: Other conditions existed that would affect the measured water level.					
1986-06-20	40.65				

K47
NE
1/2 - 1 Mile
Higher

FED USGS USGS0156082

Agency: USGS Site ID: 340655117184006
 Site Name: 001S004W04E006S
 Dec. Latitude: 34.11529
 Dec. Longitude: -117.31199
 Coord Sys: NAD83
 State: CA
 County: San Bernardino County
 Altitude: 1120
 Hydrologic code: 18070203
 Topographic: Alluvial fan
 Site Type: Ground-water other than Spring
 Const Date: 19741023 Inven Date: 19860328
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 534.0
 Hole depth: 605 Source: G
 Project no: Not Reported

Ground-water levels, Number of Measurements: 136

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-09	161.78		2003-05-30	156.40	
2003-04-23	156.54		2003-03-26	150.17	
2003-02-12	156.76		2003-01-16	156.49	
2002-12-11	161.88		2002-11-20	156.42	
2002-10-31	162.49		2002-09-24	171.50	
2002-08-12	165.95		2002-07-17	162.78	
2002-06-11	158.22		2002-05-29	157.92	
2002-05-15	156.06		2002-04-11	155.24	
2002-03-05	156.88		2002-01-23	156.57	
2001-12-20	152.03		2001-11-20	152.21	
2001-10-23	156.40		2001-09-19	158.12	
2001-08-21	162.70		2001-07-18	160.03	
2001-06-11	153.48		2001-05-17	147.23	
2001-04-19	137.34		2001-03-21	131.90	
2001-02-22	134.97		2001-01-23	140.72	
2001-01-08	145.00		2000-12-19	142.73	
2000-11-22	141.10		2000-10-19	157.08	
2000-09-20	156.73		2000-08-18	151.19	
2000-07-11	144.50		2000-05-18	134.91	
2000-04-12	126.76		2000-03-01	115.18	
2000-01-13	123.46		1999-12-09	127.68	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-11-03	136.55		1999-10-04	131.62	
1999-09-03	137.58		1999-07-22	133.93	
1999-06-25	130.21		1999-06-08	128.33	
1999-05-06	122.45		1999-04-01	123.59	
1999-03-04	119.02		1999-02-04	118.35	
1999-01-05	121.57		1998-12-09	118.32	
1998-11-10	135.72		1998-10-05	134.81	
1998-09-10	134.07		1998-08-05	131.19	
1998-07-01	125.69		1998-05-29	123.11	
1998-04-22	114.13		1998-03-17	106.16	
1998-02-02	107.70		1998-01-06	120.07	
1997-12-04	122.28		1997-10-30	135.95	
1997-10-03	135.58		1997-09-24	135.27	
1997-08-27	133.57		1997-07-09	129.24	
1997-06-04	124.89		1997-05-07	120.04	
1997-04-03	116.14		1997-03-05	112.93	
1997-02-12	110.71		1997-01-15	108.64	
1996-12-09	132.54		1996-11-06	132.48	
1996-10-03	130.68		1996-09-12	129.88	
1996-08-02	124.08		1996-07-03	119.64	
1996-06-07	115.10		1996-05-22	112.52	
1996-04-04	106.42		1996-03-14	117.01	
1996-02-23	130.23		1996-01-11	133.68	
1995-12-08	137.46		1995-11-03	142.92	
1995-10-04	140.96		1995-09-08	141.21	
1995-08-03	139.62		1995-07-06	138.21	
1995-05-23	137.01		1995-04-03	133.76	
1995-03-14	135.30		1995-01-31	134.03	
1994-12-20	145.28		1994-11-09	146.94	
1994-10-05	146.20		1994-08-24	142.96	
1994-07-19	140.80		1994-06-02	144.51	
1994-04-14	143.02		1994-03-02	143.46	
1994-01-25	145.92		1994-01-18	145.88	
1994-01-07	146.85		1993-12-07	152.98	
1993-10-22	151.57		1993-09-13	147.74	
1993-08-05	143.70		1993-06-24	139.64	
1993-05-11	136.89		1993-03-24	131.15	
1993-02-16	136.84		1992-12-31	164.94	
1992-11-25	162.31		1992-10-19	159.87	
1992-09-17	154.09		1992-06-23	140.06	
1992-04-08	127.12		1992-01-02	150.12	
1991-10-31	150.27		1991-06-18	126.40	
1990-11-27	108.28		1990-06-27	96.90	
1989-11-29	85.33		1989-09-22	80.43	
1988-11-30	69.50				
Note: A nearby site that taps the same aquifer was being pumped.					
1988-06-28	69.50		1988-04-12	58.32	
1987-06-18	49.06		1986-11-21	41.16	
1986-06-20	29.89				

K48
NE
1/2 - 1 Mile
Higher

FED USGS USGS0156079

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency: USGS Site ID: 340655117184003
 Site Name: 001S004W04E003S
 Dec. Latitude: 34.11529
 Dec. Longitude: -117.31199
 Coord Sys: NAD83
 State: CA
 County: San Bernardino County
 Altitude: 1120
 Hydrologic code: 18070203
 Topographic: Alluvial fan
 Site Type: Ground-water other than Spring
 Const Date: 19741023 Inven Date: 19860328
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 216.4
 Hole depth: 605 Source: G
 Project no: Not Reported

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1991-06-18	161.14		1990-06-27	161.00	
1989-11-29	161.70		1988-11-30	161.77	
1988-06-28	162.06				
Note: A nearby site that taps the same aquifer was being pumped.					
1988-04-12	162.52		1987-09-22	161.76	
1987-06-18	163.15		1986-11-21	163.76	
1986-06-20	164.21				

K49
NE
1/2 - 1 Mile
Higher

FED USGS USGS0156080

Agency: USGS Site ID: 340655117184004
 Site Name: 001S004W04E004S
 Dec. Latitude: 34.11529
 Dec. Longitude: -117.31199
 Coord Sys: NAD83
 State: CA
 County: San Bernardino County
 Altitude: 1120
 Hydrologic code: 18070203
 Topographic: Alluvial fan
 Site Type: Ground-water other than Spring
 Const Date: 19741023 Inven Date: 19860328
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 150.4
 Hole depth: 605 Source: G
 Project no: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 136

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-07-09	137.00		2003-05-30	135.30	
2003-04-23	134.24		2003-03-26	133.50	
2003-02-12	133.05		2003-01-16	132.72	
2002-12-11	132.23		2002-11-20	131.80	
2002-10-31	131.43		2002-09-24	129.91	
2002-08-12	127.55		2002-07-17	126.18	
2002-06-11	124.29		2002-05-29	123.92	
2002-05-15	123.40		2002-04-11	122.47	
2002-03-05	121.86		2002-01-23	121.22	
2001-12-20	120.69		2001-11-20	120.48	
2001-10-23	119.97		2001-09-19	119.03	
2001-08-21	117.93		2001-07-18	116.55	
2001-06-11	115.26		2001-05-17	114.05	
2001-04-19	112.98		2001-03-21	113.02	
2001-02-22	113.41		2001-01-23	113.78	
2001-01-08	114.01		2000-12-19	114.08	
2000-11-22	114.13		2000-10-19	113.96	
2000-09-20	113.18		2000-08-18	111.78	
2000-07-11	110.11		2000-05-18	108.30	
2000-04-12	107.43		2000-03-01	107.22	
2000-01-13	107.80		1999-12-09	107.78	
1999-11-03	108.22		1999-10-04	107.59	
1999-09-03	107.11		1999-07-22	106.10	
1999-06-25	105.26		1999-06-08	105.21	
1999-05-06	104.90		1999-04-01	105.37	
1999-03-04	105.47		1999-02-04	106.17	
1999-01-05	106.71		1998-12-09	107.39	
1998-11-10	108.38		1998-10-05	108.38	
1998-09-10	108.26		1998-08-05	108.20	
1998-07-01	107.34		1998-05-29	106.93	
1998-04-22	106.56		1998-03-17	106.90	
1998-02-02	107.98		1998-01-06	108.99	
1997-12-04	109.77		1997-10-30	110.32	
1997-10-03	110.17		1997-09-24	110.13	
1997-08-27	109.82		1997-07-09	108.65	
1997-06-04	107.89		1997-05-07	106.91	
1997-04-03	106.76		1997-03-05	106.88	
1997-02-12	107.25		1997-01-15	109.17	
1996-12-09	109.42		1996-11-06	110.18	
1996-10-03	110.40		1996-09-12	110.35	
1996-08-02	109.74		1996-07-03	109.20	
1996-06-07	108.74		1996-05-22	108.51	
1996-04-04	107.66		1996-03-14	109.00	
1996-02-23	109.99		1996-01-11	111.29	
1995-12-08	112.34		1995-11-03	113.33	
1995-10-04	113.20		1995-09-08	113.50	
1995-08-03	113.59		1995-07-06	113.65	
1995-05-23	114.51		1995-04-03	115.10	
1995-03-14	115.67		1995-01-31	116.11	
1994-12-20	116.85		1994-11-09	117.33	
1994-10-05	117.63		1994-08-24	116.62	
1994-07-19	115.22		1994-06-02	114.07	
1994-04-14	113.27		1994-03-02	113.55	
1994-01-25	114.03		1994-01-18	113.97	
1994-01-07	113.97		1993-12-07	114.23	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1993-10-22	114.12		1993-09-13	113.98	
1993-08-05	113.69		1993-06-24	114.77	
1993-05-11	117.17		1993-03-24	119.04	
1993-02-16	120.71		1992-12-31	122.43	
1992-11-25	121.64		1992-10-19	121.27	
1992-09-17	120.15		1992-06-23	116.67	
1992-04-08	113.67		1992-01-02	113.94	
1991-10-31	111.72		1991-06-18	104.70	
1990-11-27	97.15		1990-06-27	89.12	
1989-09-22	79.75		1988-11-30	67.95	
1988-06-28	60.74		1988-04-12	57.59	
1987-11-29	82.31		1987-06-18	49.554	
1986-11-21	43.25				
Note: Other conditions existed that would affect the measured water level.					
1986-06-20	37.77				

**50
ESE
1/2 - 1 Mile
Lower**

Site ID: 083600133T
Groundwater Flow: Not Reported
Shallow Water Depth: 69 ft
Deep Water Depth: 73 ft
Average Water Depth: Not Reported
Date: 05/04/1995

AQUIFLOW 50232

**L51
South
1/2 - 1 Mile
Lower**

FED USGS USGS0155736

Agency: USGS Site ID: 340548117191101
Site Name: 001S004W08K007S
Dec. Latitude: 34.09668
Dec. Longitude: -117.3206
Coord Sys: NAD83
State: CA
County: San Bernardino County
Altitude: 1082.00
Hydrologic code: 18070203
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: 19230101 Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 118
Hole depth: 118 Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

**L52
SSE
1/2 - 1 Mile
Lower**

FED USGS USGS0155735

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340548117191001
Site Name:	001S004W08K005S		
Dec. Latitude:	34.09668		
Dec. Longitude:	-117.32032		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1082.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19230101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	80.0		
Hole depth:	80.0	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

**53
NW
1/2 - 1 Mile
Higher**

CA WELLS 872

Water System Information:

Prime Station Code:	01S/04W-06H03 S	User ID:	TAN
FRDS Number:	3610004024	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340656.0 1172002.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 30		
System Number:	3610004		
System Name:	WEST SAN BERNARDINO CWD		
Organization That Operates System:	PO BOX 920 RIALTO, CA 92376-0920		
Pop Served:	41454	Connections:	15052
Area Served:	RIALTO-BLOOMINGTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/18/1986	Findings:	19.399 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/18/1986	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	06/18/1986	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/18/1986	Findings:	7.850
Chemical:	PH (LABORATORY)		
Sample Collected:	06/18/1986	Findings:	184.900 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/18/1986	Findings:	225.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/18/1986	Findings:	232.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/18/1986	Findings:	70.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/18/1986	Findings:	11.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/18/1986	Findings:	11.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/18/1986	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/18/1986	Findings:	2.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/18/1986	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/18/1986	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/18/1986	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/18/1986	Findings:	378.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/18/1986	Findings:	1.120
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/18/1986	Findings:	.420
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/18/1986	Findings:	11.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/18/1986	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/18/1986	Findings:	12.400
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/16/1988	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/16/1988	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	06/16/1988	Findings:	192.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/16/1988	Findings:	234.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/16/1988	Findings:	225.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/16/1988	Findings:	79.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/16/1988	Findings:	6.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/16/1988	Findings:	14.600 MG/L
Chemical:	SODIUM		
Sample Collected:	06/16/1988	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/16/1988	Findings:	2.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/16/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/16/1988	Findings:	.080 UG/L
Chemical:	BORON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/16/1988	Findings:	297.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/16/1988	Findings:	10.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/22/1988	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/22/1988	Findings:	6.840
Chemical:	PH (LABORATORY)		
Sample Collected:	06/22/1988	Findings:	186.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/22/1988	Findings:	227.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/22/1988	Findings:	232.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/22/1988	Findings:	82.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/22/1988	Findings:	6.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/22/1988	Findings:	12.600 MG/L
Chemical:	SODIUM		
Sample Collected:	06/22/1988	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/22/1988	Findings:	3.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/22/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/22/1988	Findings:	294.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/22/1988	Findings:	12.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/10/1989	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/10/1989	Findings:	525.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/10/1989	Findings:	6.700
Chemical:	FIELD PH		
Sample Collected:	01/10/1989	Findings:	6.700
Chemical:	PH (LABORATORY)		
Sample Collected:	01/10/1989	Findings:	183.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/10/1989	Findings:	223.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/10/1989	Findings:	234.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/10/1989	Findings:	74.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/10/1989	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/10/1989	Findings:	8.600 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/10/1989	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/10/1989	Findings:	.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/10/1989	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/10/1989	Findings:	.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/10/1989	Findings:	315.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/10/1989	Findings:	- .010
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	01/10/1989	Findings:	- .750
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/10/1989	Findings:	12.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/10/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/10/1989	Findings:	11.200
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	09/22/1989	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/22/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/08/1990	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/08/1990	Findings:	.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/12/1990	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/12/1990	Findings:	7.780
Chemical:	PH (LABORATORY)		
Sample Collected:	07/12/1990	Findings:	178.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/12/1990	Findings:	217.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/12/1990	Findings:	208.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/12/1990	Findings:	50.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/12/1990	Findings:	20.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/12/1990	Findings:	9.600 MG/L
Chemical:	SODIUM		
Sample Collected:	07/12/1990	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/12/1990	Findings:	4.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/12/1990	Findings:	.530 UG/L
Chemical:	BORON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/12/1990	Findings:	268.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/12/1990	Findings:	10.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/09/1991	Findings:	430.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/09/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/09/1991	Findings:	172.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/09/1991	Findings:	209.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/09/1991	Findings:	204.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/09/1991	Findings:	59.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/09/1991	Findings:	13.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/09/1991	Findings:	10.200 MG/L
Chemical:	SODIUM		
Sample Collected:	08/09/1991	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/09/1991	Findings:	6.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/09/1991	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/09/1991	Findings:	.280 UG/L
Chemical:	BORON		
Sample Collected:	08/09/1991	Findings:	227.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/09/1991	Findings:	14.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	4.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	02/19/1992	Findings:	15.560 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	172.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	210.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	202.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	56.100 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	15.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/19/1992	Findings:	9.100 MG/L
Chemical:	SODIUM		
Sample Collected:	02/19/1992	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	6.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	105.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/19/1992	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/19/1992	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/19/1992	Findings:	222.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.850
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/19/1992	Findings:	.040
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/19/1992	Findings:	13.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	12.080
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/24/1992	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/24/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/24/1992	Findings:	189.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/24/1992	Findings:	231.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/24/1992	Findings:	228.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/24/1992	Findings:	68.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/24/1992	Findings:	13.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/24/1992	Findings:	12.800 MG/L
Chemical:	SODIUM		
Sample Collected:	08/24/1992	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/24/1992	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/24/1992	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/24/1992	Findings:	250.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/24/1992	Findings:	13.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1992	Findings:	17.780 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/29/1992	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/29/1992	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	12/29/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	12/29/1992	Findings:	193.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/29/1992	Findings:	235.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/29/1992	Findings:	214.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/29/1992	Findings:	64.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/29/1992	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/29/1992	Findings:	19.100 MG/L
Chemical:	SODIUM		
Sample Collected:	12/29/1992	Findings:	1.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/29/1992	Findings:	5.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/29/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/29/1992	Findings:	3.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/29/1992	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/29/1992	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/29/1992	Findings:	257.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/29/1992	Findings:	.960
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1992	Findings:	.200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/29/1992	Findings:	12.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/29/1992	Findings:	12.190
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/05/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/05/1993	Findings:	14.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/21/1994	Findings:	2.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/21/1994	Findings:	2.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/08/1994	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/08/1994	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/08/1994	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/08/1995	Findings:	4.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/08/1995	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1995	Findings:	16.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1995	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	03/21/1995	Findings:	1.030
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1995	Findings:	.250
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1995	Findings:	12.280
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/13/1995	Findings:	5.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/13/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/13/1995	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/28/1995	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/28/1995	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/28/1995	Findings:	4.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/14/1995	Findings:	3.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/14/1995	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/14/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/18/1996	Findings:	24.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/18/1996	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/18/1996	Findings:	7.890
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/18/1996	Findings:	198.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/18/1996	Findings:	242.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/18/1996	Findings:	216.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/18/1996	Findings:	62.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/18/1996	Findings:	14.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/18/1996	Findings:	14.400 MG/L
Chemical:	SODIUM		
Sample Collected:	07/18/1996	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/18/1996	Findings:	2.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/18/1996	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/18/1996	Findings:	3.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/18/1996	Findings:	246.000 UG/L
Chemical:	IRON		
Sample Collected:	07/18/1996	Findings:	254.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/18/1996	Findings:	8.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/18/1996	Findings:	1.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/18/1996	Findings:	1900.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

**M54
NW
1/2 - 1 Mile
Higher**

CA WELLS 871

Water System Information:

Prime Station Code:	01S/04W-06H01 S	User ID:	TAN
FRDS Number:	3610004009	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340700.0 1172000.0	Precision:	Undefined
Source Name:	WELL 13		
System Number:	3610004		
System Name:	WEST SAN BERNARDINO CWD		
Organization That Operates System:	PO BOX 920		
	RIALTO, CA 92376-0920		
Pop Served:	41454	Connections:	15052
Area Served:	RIALTO-BLOOMINGTON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M55
NW
1/2 - 1 Mile
Higher

CA WELLS 870

Water System Information:

Prime Station Code:	01S/04W-05E05 S	User ID:	TAN
FRDS Number:	3610004010	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340700.0 1172000.0	Precision:	Undefined
Source Name:	WELL 15		
System Number:	3610004		
System Name:	WEST SAN BERNARDINO CWD		
Organization That Operates System:	PO BOX 920		
	RIALTO, CA 92376-0920		
Pop Served:	41454	Connections:	15052
Area Served:	RIALTO-BLOOMINGTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/18/1986	Findings:	18.899 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/18/1986	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/18/1986	Findings:	7.850
Chemical:	PH (LABORATORY)		
Sample Collected:	06/18/1986	Findings:	167.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/18/1986	Findings:	204.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/18/1986	Findings:	206.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/18/1986	Findings:	62.599 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/18/1986	Findings:	8.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/18/1986	Findings:	8.700 MG/L
Chemical:	SODIUM		
Sample Collected:	06/18/1986	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/18/1986	Findings:	1.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/18/1986	Findings:	.260 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/18/1986	Findings:	343.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/18/1986	Findings:	1.020
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/18/1986	Findings:	.310
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/18/1986	Findings:	14.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/18/1986	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/18/1986	Findings:	12.300
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/10/1986	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/10/1986	Findings:	.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/16/1988	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/16/1988	Findings:	7.620
Chemical:	PH (LABORATORY)		
Sample Collected:	06/16/1988	Findings:	167.900 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/16/1988	Findings:	204.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/16/1988	Findings:	202.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/16/1988	Findings:	67.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/16/1988	Findings:	8.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/16/1988	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/16/1988	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/16/1988	Findings:	2.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/16/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/16/1988	Findings:	.060 UG/L
Chemical:	BORON		
Sample Collected:	06/16/1988	Findings:	264.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/16/1988	Findings:	10.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/10/1989	Findings:	18.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	01/10/1989	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/10/1989	Findings:	475.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/10/1989	Findings:	6.700
Chemical:	FIELD PH		
Sample Collected:	01/10/1989	Findings:	6.700
Chemical:	PH (LABORATORY)		
Sample Collected:	01/10/1989	Findings:	176.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/10/1989	Findings:	214.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/10/1989	Findings:	214.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/10/1989	Findings:	84.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/10/1989	Findings:	.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/10/1989	Findings:	10.200 MG/L
Chemical:	SODIUM		
Sample Collected:	01/10/1989	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/10/1989	Findings:	.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/10/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/10/1989	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/10/1989	Findings:	.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/10/1989	Findings:	294.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/10/1989	Findings:	.040
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	01/10/1989	Findings:	- .680
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	01/10/1989	Findings:	13.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/10/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/10/1989	Findings:	11.300
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/07/1989	Findings:	520.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/07/1989	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/07/1989	Findings:	208.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/07/1989	Findings:	254.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/07/1989	Findings:	234.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/07/1989	Findings:	67.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/07/1989	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/07/1989	Findings:	3.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/07/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/07/1989	Findings:	.260 UG/L
Chemical:	BORON		
Sample Collected:	08/07/1989	Findings:	306.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/07/1989	Findings:	13.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/22/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/22/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/08/1990	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/08/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/12/1990	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/12/1990	Findings:	7.870
Chemical:	PH (LABORATORY)		
Sample Collected:	07/12/1990	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/12/1990	Findings:	219.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/12/1990	Findings:	212.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/12/1990	Findings:	51.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/12/1990	Findings:	20.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/12/1990	Findings:	9.100 MG/L
Chemical:	SODIUM		
Sample Collected:	07/12/1990	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/12/1990	Findings:	6.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/12/1990	Findings:	.500 UG/L
Chemical:	BORON		
Sample Collected:	07/12/1990	Findings:	283.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/12/1990	Findings:	22.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/17/1990	Findings:	23.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/17/1990	Findings:	7.500
Chemical:	FIELD PH		
Sample Collected:	08/17/1990	Findings:	.720
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08/17/1990	Findings:	.110
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	08/17/1990	Findings:	11.900
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/09/1991	Findings:	490.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/09/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/09/1991	Findings:	178.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/09/1991	Findings:	217.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/09/1991	Findings:	228.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/09/1991	Findings:	61.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/09/1991	Findings:	18.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/09/1991	Findings:	11.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/09/1991	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/09/1991	Findings:	9.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/09/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/09/1991	Findings:	.140 UG/L
Chemical:	BORON		
Sample Collected:	08/09/1991	Findings:	264.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/09/1991	Findings:	26.900 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/19/1992	Findings:	4.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	02/19/1992	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	520.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	183.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/19/1992	Findings:	223.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	240.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/19/1992	Findings:	63.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/19/1992	Findings:	19.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/19/1992	Findings:	9.100 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	9.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	120.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/19/1992	Findings:	6.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/19/1992	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/19/1992	Findings:	270.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.820
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/19/1992	Findings:	.120
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/19/1992	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	12.060
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/24/1992	Findings:	540.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/24/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/24/1992	Findings:	194.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/24/1992	Findings:	236.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/24/1992	Findings:	251.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/24/1992	Findings:	79.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/24/1992	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/24/1992	Findings:	13.400 MG/L
Chemical:	SODIUM		
Sample Collected:	08/24/1992	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/24/1992	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/24/1992	Findings:	283.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/24/1992	Findings:	23.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1992	Findings:	17.220 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/29/1992	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/29/1992	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	12/29/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	12/29/1992	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	12/29/1992	Findings:	231.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/29/1992	Findings:	230.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	12/29/1992	Findings:	59.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/29/1992	Findings:	19.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/29/1992	Findings:	16.900 MG/L
Chemical:	SODIUM		
Sample Collected:	12/29/1992	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/29/1992	Findings:	8.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/29/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/29/1992	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/29/1992	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/29/1992	Findings:	268.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/29/1992	Findings:	.910
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1992	Findings:	.140
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/29/1992	Findings:	22.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/29/1992	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/29/1992	Findings:	12.150
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/05/1993	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/05/1993	Findings:	23.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/17/1994	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/17/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/07/1994	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/07/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/08/1995	Findings:	3.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/08/1995	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1995	Findings:	18.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1995	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	03/21/1995	Findings:	1.050
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1995	Findings:	.320
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1995	Findings:	12.290
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/13/1995	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/13/1995	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/13/1995	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/19/1995	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/19/1995	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/06/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/03/1996	Findings:	18.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/03/1996	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/03/1996	Findings:	7.880
Chemical:	PH (LABORATORY)		
Sample Collected:	07/03/1996	Findings:	179.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/03/1996	Findings:	218.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/03/1996	Findings:	196.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/03/1996	Findings:	64.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/03/1996	Findings:	10.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/03/1996	Findings:	6.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/03/1996	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/03/1996	Findings:	1.900 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/03/1996	Findings:	340.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	07/03/1996	Findings:	222.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/03/1996	Findings:	7.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/03/1996	Findings:	1740.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/22/1997	Findings:	20.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/22/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		

**M56
NW
1/2 - 1 Mile
Higher**

CA WELLS 146

Water System Information:

Prime Station Code:	01N/04W-32N01 S	User ID:	TAN
FRDS Number:	3610039014	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	340700.0 1172000.0	Precision:	Undefined
Source Name:	BASELINE AND CALIFORNIA - INACTIVE		
System Number:	3610039		
System Name:	SAN BERNARDINO CITY		
Organization That Operates System:	P.O. BOX 710, SAN BERNARDINO, CA 92402		
Pop Served:	139789	Connections:	39453
Area Served:	SAN BERNARDINO		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	05/14/1986	Findings:	17.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/14/1986	Findings:	3.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	05/14/1986	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/14/1986	Findings:	7.870
Chemical:	PH (LABORATORY)		
Sample Collected:	05/14/1986	Findings:	157.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/14/1986	Findings:	191.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/14/1986	Findings:	198.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/14/1986	Findings:	60.599 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/14/1986	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/14/1986	Findings:	12.400 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/14/1986	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/14/1986	Findings:	6.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/14/1986	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/14/1986	Findings:	.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/14/1986	Findings:	344.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/14/1986	Findings:	1.010
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	05/14/1986	Findings:	.260
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/14/1986	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/14/1986	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/07/1987	Findings:	18.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/07/1987	Findings:	7.650
Chemical:	FIELD PH		
Sample Collected:	08/07/1987	Findings:	.580
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08/07/1987	Findings:	- .160
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	08/07/1987	Findings:	11.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	01/24/1990	Findings:	700.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/24/1990	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	01/24/1990	Findings:	192.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/24/1990	Findings:	234.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/24/1990	Findings:	313.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/24/1990	Findings:	111.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/24/1990	Findings:	8.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/24/1990	Findings:	17.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/24/1990	Findings:	4.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/24/1990	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/24/1990	Findings:	.140 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/24/1990	Findings:	70.000 UG/L
Chemical:	COPPER		
Sample Collected:	01/24/1990	Findings:	351.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/24/1990	Findings:	41.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1991	Findings:	6.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/14/1991	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/03/1991	Findings:	740.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/03/1991	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	06/03/1991	Findings:	201.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/03/1991	Findings:	245.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/03/1991	Findings:	344.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/03/1991	Findings:	95.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/03/1991	Findings:	26.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/03/1991	Findings:	15.400 MG/L
Chemical:	SODIUM		
Sample Collected:	06/03/1991	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/03/1991	Findings:	22.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/03/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/03/1991	Findings:	416.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/03/1991	Findings:	75.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1994	Findings:	20.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/21/1994	Findings:	497.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1994	Findings:	7.900
Chemical:	FIELD PH		
Sample Collected:	06/21/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1994	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/21/1994	Findings:	235.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1994	Findings:	4677.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1994	Findings:	224.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1994	Findings:	67.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1994	Findings:	13.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1994	Findings:	15.100 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1994	Findings:	3.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1994	Findings:	20.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1994	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1994	Findings:	300.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1994	Findings:	1.200
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/21/1994	Findings:	.500
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/21/1994	Findings:	20.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/21/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/21/1994	Findings:	12.100
Chemical:	AGGRESSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/21/1994	Findings:	4677.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/06/1994	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/06/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1995	Findings:	21.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/30/1995	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/05/1995	Findings:	18.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/18/1995	Findings:	20.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/18/1995	Findings:	445.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/18/1995	Findings:	8.000
Chemical:	FIELD PH		
Sample Collected:	07/18/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	07/18/1995	Findings:	172.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/18/1995	Findings:	206.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/18/1995	Findings:	200.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/18/1995	Findings:	64.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/18/1995	Findings:	9.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/18/1995	Findings:	14.200 MG/L
Chemical:	SODIUM		
Sample Collected:	07/18/1995	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/18/1995	Findings:	22.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/18/1995	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/18/1995	Findings:	120.000 UG/L
Chemical:	BORON		
Sample Collected:	07/18/1995	Findings:	292.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/18/1995	Findings:	1.300
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	07/18/1995	Findings:	.600
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/18/1995	Findings:	18.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/18/1995	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/18/1995	Findings:	12.500
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/18/1995	Findings:	4168.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/02/1995	Findings:	18.900 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/06/1995	Findings:	17.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/29/1995	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/29/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/10/1995	Findings:	7.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	11/07/1995	Findings:	8.900 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/05/1995	Findings:	16.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/11/1996	Findings:	13.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/09/1996	Findings:	20.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/09/1996	Findings:	406.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/09/1996	Findings:	7.400
Chemical:	FIELD PH		
Sample Collected:	07/09/1996	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	07/09/1996	Findings:	136.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/09/1996	Findings:	163.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/09/1996	Findings:	188.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/09/1996	Findings:	44.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/09/1996	Findings:	19.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/09/1996	Findings:	12.800 MG/L
Chemical:	SODIUM		
Sample Collected:	07/09/1996	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/09/1996	Findings:	25.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/09/1996	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/09/1996	Findings:	130.000 UG/L
Chemical:	BORON		
Sample Collected:	07/09/1996	Findings:	246.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/09/1996	Findings:	.600
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	07/09/1996	Findings:	- .100
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/09/1996	Findings:	14.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/09/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/09/1996	Findings:	11.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/09/1996	Findings:	3346.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/05/1996	Findings:	13.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/06/1996	Findings:	15.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/10/1997	Findings:	22.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/10/1997	Findings:	15.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/16/1997	Findings:	22.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/16/1997	Findings:	415.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/16/1997	Findings:	7.400
Chemical:	FIELD PH		
Sample Collected:	07/16/1997	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	07/16/1997	Findings:	144.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/16/1997	Findings:	173.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/16/1997	Findings:	188.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/16/1997	Findings:	62.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/16/1997	Findings:	8.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/16/1997	Findings:	12.700 MG/L
Chemical:	SODIUM		
Sample Collected:	07/16/1997	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/16/1997	Findings:	19.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/16/1997	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/16/1997	Findings:	266.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/16/1997	Findings:	.600
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	07/16/1997	Findings:	15.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/16/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/16/1997	Findings:	11.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/16/1997	Findings:	3404.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/09/1997	Findings:	16.000 MG/L
Chemical:	NITRATE (AS NO ₃)		

L57
South
1/2 - 1 Mile
Lower

FED USGS USGS0155730

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340546117191101
Site Name:	001S004W08K00AS		
Dec. Latitude:	34.09612		
Dec. Longitude:	-117.3206		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1080.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19520101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	115		
Hole depth:	134	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

N58 North 1/2 - 1 Mile Higher

FED USGS USGS0156064

Agency:	USGS	Site ID:	340715117192901
Site Name:	001S004W05C001S		
Dec. Latitude:	34.12084		
Dec. Longitude:	-117.3256		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1175.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19100101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	256		
Hole depth:	256	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

N59 North 1/2 - 1 Mile Higher

FED USGS USGS0156128

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340715117192902
Site Name:	001S004W05C003S		
Dec. Latitude:	34.12084		
Dec. Longitude:	-117.3256		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1175.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19510101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	254		
Hole depth:	262	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

60
SSE
1/2 - 1 Mile
Lower

FED USGS USGS0155801

Agency:	USGS	Site ID:	340546117190601
Site Name:	001S004W08K003S		
Dec. Latitude:	34.09612		
Dec. Longitude:	-117.31921		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1077.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19230101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	111		
Hole depth:	111	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

61
NNW
1/2 - 1 Mile
Higher

FED USGS USGS0156129

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340715117193701
Site Name:	001S004W05E001S		
Dec. Latitude:	34.12084		
Dec. Longitude:	-117.32782		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1162.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19190101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	176		
Hole depth:	176	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

62
SSE
1/2 - 1 Mile
Lower

FED USGS USGS0155799

Agency:	USGS	Site ID:	340545117185701
Site Name:	001S004W08R001S		
Dec. Latitude:	34.09585		
Dec. Longitude:	-117.31671		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	200		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

63
SSE
1/2 - 1 Mile
Lower

FED USGS USGS0155726

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340542117190101
Site Name:	001S004W08R004S		
Dec. Latitude:	34.09501		
Dec. Longitude:	-117.31782		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1076.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19340101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	520		
Hole depth:	569	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

64
NNE
1/2 - 1 Mile
Higher

Site ID:	083602516T
Groundwater Flow:	Not Reported
Shallow Water Depth:	170
Deep Water Depth:	195
Average Water Depth:	Not Reported
Date:	03/30/1995

AQUIFLOW 50223

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN BERNARDINO	U003784607	J HUBBS&SONS/7TH ST DUMP	7TH ST (W END OF)	92411	UST
SAN BERNARDINO	S101619563	5TH AVE. TIRE & MINI MART	1632 W 005TH ST	92411	CA FID UST
SAN BERNARDINO	S101308124	CALTRANS PANARAMA PT.MAINT.ST.	HWY 18, MILEPOST 15.84	92410	LUST
SAN BERNARDINO	1003878981	SECCOMBE LAKE STATE REC AREA	7TH ST BETW SERRIA & WATERMAN	92410	CERC-NFRAP
SAN BERNARDINO	S104765604	CUCO CARBURATOR	2272 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S104766198	FELIX AUTOMOTIVE	2230 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S104771129	TINOS AUTO REPAIR	2342 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S104905243	RAMIREZ AUTO REPAIR	2274 N CABRERA ST	92411	San Bern. Co. Permit
SAN BERNARDINO	S103679012	UNOCAL SERVICE STATION #5961	I-15/HWY 138	92410	HAZNET
SAN BERNARDINO	S104580102	CIRCLE K STORES INC STATION #5700	I-5/HWY 138	92410	HAZNET
SAN BERNARDINO	S100727496	ALTA DENA DAIRY	341 MOUNT VERNON AVE	92410	Cortese, LUST
SAN BERNARDINO	S104750531	ARCO #5181	572 MOUNT VERNON AVE	92410	Cortese, LUST
SAN BERNARDINO	S104763869		572 S MT VERNON AV	02687	CHMIRS, San Bern. Co. Permit
SAN BERNARDINO	91234663	RAIL SHOP AREA/470 NORTH "L" ST.	RAIL SHOP AREA/470 NORTH "L" ST.	92411	ERNS
SAN BERNARDINO	S105026073	ROESH LINES, INC.	844 9TH ST	92410	Cortese, LUST
SAN BERNARDINO COUN	S105631217		HWY 58 2 MI WEST OF HWY 359		CHMIRS, EMI
SAN BERNARDINO COUN	S105629377		RIALTO LILAC STREET		CHMIRS, EMI

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
J HUBBS&SONS/7TH ST DUMP 7TH ST (W END OF) SAN BERNARDINO, CA 92411 State UST: Facility ID: 86008043 Region: STATE Local Agency: 36000	UST	U003784607 N/A
5TH AVE. TIRE & MINI MART 1632 W 005TH ST SAN BERNARDINO, CA 92411 FID: Facility ID: 36009095 Reg By: Active Underground Storage Tank Location Cortese Code: Not reported Status: Active Mail To: Not reported 1632 W 005TH ST SAN BERNARDINO, CA 92411 Contact: Not reported DUNs No: Not reported Creation: 10/22/93 EPA ID: Not reported Comments: Not reported Regulate ID: 00051212 SIC Code: Not reported Facility Tel: Not reported Contact Tel: Not reported NPDES No: Not reported Modified: 00/00/00	CA FID UST	S101619563 N/A
CALTRANS PANARAMA PT.MAINT.ST. HWY 18, MILEPOST 15.84 SAN BERNARDINO, CA 92410 State LUST: Cross Street: Not reported Qty Leaked: Not reported Case Number: 083602372T Reg Board: 8 Chemical: Diesel Lead Agency: Local Agency Local Agency : 0 Case Type: Soil only Status: No Action Review Date: Not reported Workplan: 1/1/65 Pollution Char: Not reported Remed Action: Not reported Monitoring: Not reported Close Date: Not reported Release Date: 11/02/1993 Cleanup Fund Id : Not reported Discover Date : 09/13/1993 Enforcement Dt : Not reported Enf Type: Not reported Enter Date : 01/12/1994 Funding: Federal Funds Staff Initials: CR2 How Discovered: Tank Closure How Stopped: Not reported Interim : Not reported Leak Cause: UNK Leak Source: UNK Confirm Leak: Not reported Prelim Assess: 1/1/65 Remed Plan: Not reported	LUST	S101308124 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number	EPA ID Number
CALTRANS PANARAMA PT.MAINT.ST. \ (Continued)			S101308124
<p> MTBE Date : / / Max MTBE GW : 0 Parts per Billion MTBE Tested: Not Required to be Tested. Priority: Not reported Local Case # : Not reported Beneficial: Not reported Staff : VJJ GW Qualifier : Not reported Max MTBE Soil : Not reported Soil Qualifier : Not reported Hydr Basin # : Not reported Operator : Not reported Oversight Prgm: Local Oversight Program UST Oversight Prgm : LOP Review Date : 01/11/1994 Stop Date : 09/13/1993 Work Suspended : Not reported Responsible Party: CALTRANS RP Address: 247 W. THIRD ST., SAN BERNARDINO, CA 92415 Global Id: T0607100307 Org Name: Not reported Contact Person: Not reported MTBE Conc: 0 Mtb Fuel: 0 Water System Name: Not reported Well Name: Not reported Distance To Lust: 0 Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported </p>			
LUST Region 8:			
Region:	8		
Substance:	12034	Cross Street:	Not reported
Regional Board:	08		
Local Case Num:	93059		
Facility Status:	Preliminary site assessment underway		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	1/1/65	Prelim Assess:	1/1/65
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	05/23/1997		
Cleanup Fund Id :	Not reported		
Discover Date :	09/13/1993		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	01/12/1994		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.10841 / -117.289703		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CALTRANS PANARAMA PT.MAINT.ST. \ (Continued\)		S101308124
Leak Cause: UNK Leak Source: UNK Beneficial: Not reported MTBE Date : Not reported MTBE Tested : NRQ Max MTBE GW : Not reported GW Qualifies : Not reported Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Operator : Not reported Oversight Prgm : LOP Priority : Not reported Work Suspended :Not reported Responsible Party:CALTRANS Well name: Not reported Distance From Lust: 1641.9654144366364194230856781 Waste Disch Global Id: Not reported MTBE Class: * Waste Disch Assigned Name: Not reported Case Type: Soil only Global ID: T0607100307 How Stopped Date: 09/13/1993 Organization Name: Not reported Contact Person: Not reported RP Address: 247 W. THIRD ST., SAN BERNARDINO, CA 92415 MTBE Concentration: 0 MTBE Fuel: 0 Case Number: 083602372T Water System Name: Not reported Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported State Expalnation: SITE WORKPLAN UNDERWAY Substance: DIESEL Staff: VALERIE JAHN Case Type: S Summary: Not reported		

SECCOMBE LAKE STATE REC AREA 7TH ST BETW SERRIA & WATERMAN SAN BERNARDINO, CA 92410

**CERC-NFRAP 1003878981
CAD981576507**

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
 Non NPL Code: NFRAP
 Ownership Status: Unknown

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
 Assessment: PRELIMINARY ASSESSMENT
 Assessment: ARCHIVE SITE
 Assessment: PRELIMINARY ASSESSMENT

Completed: 11/01/1986
 Completed: 06/01/1987
 Completed: 02/01/1988
 Completed: 02/01/1988

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CUCO CARBURATOR 2272 N CABRERA ST SAN BERNARDINO, CA 92411 DEHS Permit: Facility ID: PT0008223 Facility Status: ACTIVE Permit Category: Limited Quantity Generator\ (B) Expiration Date: 04/30/2004 Facility ID: PT0008224 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 04/30/2004	San Bern. Co. Permit	S104765604 N/A
FELIX AUTOMOTIVE 2230 N CABRERA ST SAN BERNARDINO, CA 92411 DEHS Permit: Facility ID: PT0008225 Facility Status: ACTIVE Permit Category: Special Generator\ (B) Expiration Date: 04/30/2004 Facility ID: PT0008226 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 04/30/2004	San Bern. Co. Permit	S104766198 N/A
TINOS AUTO REPAIR 2342 N CABRERA ST SAN BERNARDINO, CA 92411 DEHS Permit: Facility ID: PT0000766 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 10/31/2003 Facility ID: PT0000767 Facility Status: ACTIVE Permit Category: Special Generator\ (B) Expiration Date: 10/31/2003	San Bern. Co. Permit	S104771129 N/A
RAMIREZ AUTO REPAIR 2274 N CABRERA ST SAN BERNARDINO, CA 92411 DEHS Permit: Facility ID: PT0000480 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 11/30/2003 Facility ID: PT0000492 Facility Status: ACTIVE Permit Category: Special Generator\ (B) Expiration Date: 11/30/2003	San Bern. Co. Permit	S104905243 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL SERVICE STATION #5961 I-15/HWY 138 SAN BERNARDINO, CA 92410 HAZNET: Gepaid: CAL000046607 TSD EPA ID: CAT080013352 Gen County: San Bernardino Tsd County: Los Angeles Tons: 1.8765 Waste Category: Aqueous solution with less than 10% total organic residues Disposal Method: Recycler Contact: UNION OIL COMPANY OF CALIFORNI Telephone: \ (714) 428-6560 Mailing Address: PO BOX 25376 SANTA ANA, CA 92799 - 5376 County: San Bernardino Gepaid: CAL000046607 TSD EPA ID: IRC957100891 Gen County: San Bernardino Tsd County: 99 Tons: .3371 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Contact: UNION OIL COMPANY OF CALIFORNI Telephone: \ (714) 428-6560 Mailing Address: PO BOX 25376 SANTA ANA, CA 92799 - 5376 County: San Bernardino	HAZNET	S103679012 N/A
CIRCLE K STORES INC STATION #5700 I-5/HWY 138 SAN BERNARDINO, CA 92410 HAZNET: Gepaid: CAL000169299 TSD EPA ID: CAT080013352 Gen County: San Bernardino Tsd County: Los Angeles Tons: .1292 Waste Category: Aqueous solution with less than 10% total organic residues Disposal Method: Recycler Contact: TOSCO MARKETING Telephone: \ (602) 728-4180 Mailing Address: P O BOX 52085 PHOENIX, AZ 85072 - 2085 County: San Bernardino Gepaid: CAL000169299 TSD EPA ID: CAD029999019 Gen County: San Bernardino Tsd County: 0 Tons: 2.0016 Waste Category: Unspecified organic liquid mixture Disposal Method: Treatment, Tank Contact: TOSCO MARKETING Telephone: \ (602) 728-4180 Mailing Address: P O BOX 52085 PHOENIX, AZ 85072 - 2085 County: San Bernardino	HAZNET	S104580102 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CIRCLE K STORES INC STATION #5700 \ (Continued\)		S104580102
<p>Gepaid: CAL000169299</p> <p>TSD EPA ID: CAD028409019</p> <p>Gen County: San Bernardino</p> <p>Tsd County: Los Angeles</p> <p>Tons: 0.075</p> <p>Waste Category: Aqueous solution with less than 10% total organic residues</p> <p>Disposal Method: Treatment, Tank</p> <p>Contact: TOSCO MARKETING</p> <p>Telephone: \ (602\) 728-4180</p> <p>Mailing Address: P O BOX 52085</p> <p>PHOENIX, AZ 85072 - 2085</p> <p>County San Bernardino</p> <p>Gepaid: CAL000169299</p> <p>TSD EPA ID: CAD028409019</p> <p>Gen County: San Bernardino</p> <p>Tsd County: Los Angeles</p> <p>Tons: 0.2</p> <p>Waste Category: Unspecified aqueous solution</p> <p>Disposal Method: Transfer Station</p> <p>Contact: HAZMAT SPECIALIST</p> <p>Telephone: \ (602\) 728-4180</p> <p>Mailing Address: PO BOX 52085</p> <p>PHOENIX, AZ 85072 - 2085</p> <p>County San Bernardino</p>		

ALTA DENA DAIRY
341 MOUNT VERNON AVE
SAN BERNARDINO, CA 92410

Cortese **S100727496**
LUST **N/A**

CORTESE:
 Reg Id: 083600027T
 Region: CORTESE
 Reg By: Leaking Underground Storage Tanks

State LUST:
 Cross Street: BIRCH
 Qty Leaked: Not reported
 Case Number 083600027T
 Reg Board: 8
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency : 0
 Case Type: Soil only
 Status: Case Closed
 Review Date: 12/01/1985
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 08/25/1998
 Release Date: 12/04/1985
 Cleanup Fund Id : Not reported
 Discover Date : 12/04/1985
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 05/12/1987
 Funding: Not reported
 Staff Initials: CR2

Confirm Leak: 12/01/1985
 Prelim Assess: Not reported
 Remed Plan: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ALTA DENA DAIRY \Continued\		S100727496
How Discovered: OM		
How Stopped: Not reported		
Interim : Not reported		
Leak Cause: Structure Failure		
Leak Source: Piping		
MTBE Date : / /		
Max MTBE GW : 0 Parts per Billion		
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority: Not reported		
Local Case # : 90214		
Beneficial: Not reported		
Staff : NOM		
GW Qualifier : Not reported		
Max MTBE Soil : Not reported		
Soil Qualifier : Not reported		
Hydr Basin #: Not reported		
Operator : Not reported		
Oversight Prgm: RB Lead Underground Storage Tank		
Oversight Prgm : UST		
Review Date : 08/25/1998		
Stop Date : / /		
Work Suspended :Not reported		
Responsible Party:WILLIS, HAROLD W		
RP Address: P.O. BOX 5607, SAN BERNARDINO, CA 92412		
Global Id: T0607100005		
Org Name: Not reported		
Contact Person: Not reported		
MTBE Conc: 0		
Mtbe Fuel: 1		
Water System Name: Not reported		
Well Name: Not reported		
Distance To Lust: 0		
Waste Discharge Global ID: Not reported		
Waste Disch Assigned Name: Not reported		
LUST Region 8:		
Region: 8		
Substance: 8006619	Cross Street: BIRCH	
Regional Board: 08		
Local Case Num: 90214		
Facility Status: Case Closed		
Staff: NANCY OLSON MARTIN		
Lead Agency: Regional Board		
Local Agency: 36000L		
Qty Leaked: Not reported		
County: San Bernardino		
Review Date: 12/1/85	Confirm Leak: 12/1/85	
Workplan: Not reported	Prelim Assess: Not reported	
Pollution Char: Not reported	Remed Plan: Not reported	
Remed Action: Not reported	Monitoring: Not reported	
Close Date: 08/25/1998		
Cleanup Fund Id : Not reported		
Discover Date : 12/04/1985		
Enforcement Dt : Not reported		
Enf Type: Not reported		
Enter Date : 05/12/1987		
Funding: Not reported		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ALTA DENA DAIRY \ (Continued\)		S100727496
Staff Initials: CR2 How Discovered: OM How Stopped: Not reported Interim : Not reported Lat/Lon : 34.0954599 / -117.31366 Leak Cause: Structure Failure Leak Source: Piping Beneficial: Not reported MTBE Date : Not reported MTBE Tested : NT Max MTBE GW : Not reported GW Qualifies : Not reported Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Operator : Not reported Oversight Prgm : UST Priority : Not reported Work Suspended :Not reported Responsible Party:WILLIS, HAROLD W Well name: WELL 06 - DESTROYED Distance From Lust: 1019.7968745262818130073524233 Waste Disch Global Id: W0607110014 MTBE Class: * Waste Disch Assigned Name: 01S/04W-08R06 S Case Type: Soil only Global ID: T0607100005 How Stopped Date: / / Organization Name: Not reported Contact Person: Not reported RP Address: P.O. BOX 5607, SAN BERNARDINO, CA 92412 MTBE Concentration: 0 MTBE Fuel: 1 Case Number: 083600027T Water System Name: COLTON, CITY OF Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported State Expalnation: CASE CLOSED Substance: GASOLINE Staff: NANCY OLSON MARTIN Case Type: S Summary: THE SITE HAS ONE GW MW 1-AB. THE WELL IS REPORTED A DRY. THE RP IS PLANING TO REMOVE THE TANKS SOON \ (9/25/90\)		

ARCO #5181
572 MOUNT VERNON AVE
SAN BERNARDINO, CA 92410

Cortese S104750531
LUST N/A

CORTESE:
 Reg Id: 083601349T
 Region: CORTESE
 Reg By: Leaking Underground Storage Tanks

State LUST:
 Cross Street: ESPERANZA
 Qty Leaked: Not reported
 Case Number 083601349T
 Reg Board: 8

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ARCO #5181 \Continued\		S104750531
Chemical: Gasoline Lead Agency: Regional Board Local Agency : 0 Case Type: Aquifer affected Status: No Action Review Date: 09/18/1989 Workplan: 11/15/89 Pollution Char: 11/30/01 Remed Action: 10/6/95 Monitoring: Not reported Close Date: Not reported Release Date: 11/14/1989 Cleanup Fund Id : Not reported Discover Date : 09/18/1989 Enforcement Dt : 1/1/65 Enf Type: None Taken Enter Date : 11/04/1989 Funding: Not reported Staff Initials: CR2 How Discovered: OM How Stopped: Not reported Interim : Not reported Leak Cause: UNK Leak Source: UNK MTBE Date : 02/29/1996 Max MTBE GW : 80000 Parts per Billion MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected Priority: Not reported Local Case # : 90036 Beneficial: Not reported Staff : VJJ GW Qualifier : = Max MTBE Soil : Not reported Soil Qualifier : Not reported Hydr Basin #: Not reported Operator : Not reported Oversight Prgm: RB Lead Underground Storage Tank Oversight Prgm : UST Review Date : 09/19/2002 Stop Date : 09/18/1989 Work Suspended :Not reported Responsible PartyRoy Thun RP Address: 4 CENTER POINTE DR. Global Id: T0607100160 Org Name: Not reported Contact Person: Not reported MTBE Conc: 4 Mtbe Fuel: 1 Water System Name: Not reported Well Name: Not reported Distance To Lust: 0 Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported	Confirm Leak: 09/18/1989 Prelim Assess: 11/15/89 Remed Plan: 11/30/01	
LUST Region 8:		
Region: 8		
Substance: 8006619	Cross Street: ESPERANZA	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ARCO #5181 \Continued\		S104750531
Regional Board: 08 Local Case Num: 90036 Facility Status: Remediation Plan Staff: VALERIE JAHN Lead Agency: Regional Board Local Agency: 36000L Qty Leaked: Not reported County: San Bernardino Review Date: 9/18/89 Workplan: 11/15/89 Pollution Char: 11/30/01 Remed Action: Not reported Close Date: Not reported Cleanup Fund Id : Not reported Discover Date : 09/18/1989 Enforcement Dt : 1/1/65 Enf Type: None Taken Enter Date : 11/04/1989 Funding: Not reported Staff Initials: CR2 How Discovered: OM How Stopped: Not reported Interim : Not reported Lat/Lon : 34.0906941 / -117.313579 Leak Cause: UNK Leak Source: UNK Beneficial: Not reported MTBE Date : 2/29/96 MTBE Tested : YES Max MTBE GW : 80000 GW Qualifies : = Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Operator : Not reported Oversight Prgm : UST Priority : Not reported Work Suspended :Not reported Responsible PartyRoy Thun Well name: WELL 06 - DESTROYED Distance From Lust: 1538.0532966184983483712261863 Waste Disch Global Id: W0607110014 MTBE Class: A Waste Disch Assigned Name: 01S/04W-08R06 S Case Type: Aquifer used for Drinking Water supply has been contaminated Global ID: T0607100160 How Stopped Date: 09/18/1989 Organization Name: Not reported Contact Person: Not reported RP Address: 4 CENTER POINTE DR. MTBE Concentration: 4 MTBE Fuel: 1 Case Number: 083601349T Water System Name: COLTON, CITY OF Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported	Confirm Leak: 9/18/89 Prelim Assess: 11/15/89 Remed Plan: 11/30/01 Monitoring: Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ARCO #5181 \Continued\		S104750531
State Expalnation:	REMEDIAITON PLAN SUBMITTED	
Substance:	GASOLINE	
Staff:	VALERIE JAHN	
Case Type:	A	
Summary:	10/6/95 - VAPOR EXTRACTION BEGAN 12/17/99 - the remedial approach may be revised.	
<hr/>		
572 S MT VERNON AV SAN BERNARDINO, CA 02687	CHMIRS San Bern. Co. Permit	S104763869 N/A
CHMIRS:		
OES Control Number:	97-3757	
Chemical Name:	Gasoline	
Extent of Release:	Not reported	
Property Use:	Not reported	
Incident Date:	Not reported	
Date Completed:	Not reported	
Time Completed :	Not reported	
Agency Id Number :	Not reported	
Agency Incident Number :	Not reported	
OES Incident Number :	97-3757	
Time Notified :	Not reported	
Surrounding Area :	Not reported	
Estimated Temperature :	Not reported	
Property Management :	Not reported	
More Than Two Substances Involved? :	Not reported	
Special Studies 1 :	Not reported	
Special Studies 2 :	Not reported	
Special Studies 3 :	Not reported	
Special Studies 4 :	Not reported	
Special Studies 5 :	Not reported	
Special Studies 6 :	Not reported	
Responding Agency Personel # Of Injuries :	0	
Responding Agency Personel # Of Fatalities :	0	
Resp Agncy Personel # Of Decontaminated :	Not reported	
Others Number Of Decontaminated :	Not reported	
Others Number Of Injuries :	Not reported	
Others Number Of Fatalities :	Not reported	
Vehicle Make/year :	Not reported	
Vehicle License Number :	Not reported	
Vehicle State :	Not reported	
Vehicle Id Number :	Not reported	
CA/DOT/PUC/ICC Number :	Not reported	
Company Name :	Not reported	
Reporting Officer Name/ID :	Not reported	
Report Date :	Not reported	
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	No	
Waterway :	Not reported	
Spill Site :	Service Station	
Cleanup By :	Reporting Party	
Containment :	Yes	
What Happened :	Customer drove off with nozel in gas tank. Product did not reach street, storm drain or gutters. Spill has been cleaned up.	
Type :	PETROLEUM	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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\(Continued\)

S104763869

Other : Not reported
 Chemical 1 : Not Reported
 Chemical 2 : Not Reported
 Chemical 3 : Not Reported
 Date/Time : 9/24/97
 Evacuations : 0

DEHS Permit:

Facility ID: PT0011604
 Facility Status: ACTIVE
 Permit Category: UST Ownership/Operating Permit \((per UST)\)
 Expiration Date: 09/30/2003

Facility ID: PT0011605
 Facility Status: ACTIVE
 Permit Category: UST Ownership/Operating Permit \((per UST)\)
 Expiration Date: 09/30/2003

Facility ID: PT0011606
 Facility Status: ACTIVE
 Permit Category: UST Ownership/Operating Permit \((per UST)\)
 Expiration Date: 09/30/2003

Facility ID: PT0002734
 Facility Status: ACTIVE
 Permit Category: Hazmat Handler - UST Only
 Expiration Date: 09/30/2003

**RAIL SHOP AREA/470 NORTH "L" ST.
 RAIL SHOP AREA/470 NORTH "L" ST.
 SAN BERNARDINO, CA 92411**

**ERNS 91234663
 N/A**

Site ID: 91234663
 Site Location: RAIL SHOP AREA/470 NORTH "L" ST.
 SAN BERNARDINO, CA 92411-
 SAN BERNARDINO County

Report No: Not reported

EPA Region: 09

Spill Date: 09/18/1991

Spill Time: 22:15

Medium Desc: Land

Damage/Amt: Yes / \$0.00

Evacuation: No

Fatalities: None

Notes: NONE

Disch Add: 470 NORTH "L" ST.
 SAN BERNARDINO, CA 92411

Disch County: SAN BERNARDINO

Cause: OPERATOR ERROR

Injured: None

Disch Org: SANTA FE RAILROAD

C.G. Unit: Not reported

Spilled Material	Total Qty	In Water	Undot	Cas	Qty
LUBE OIL	350.00 GAL	0.00	UN1270	Not reported	2625.00 lbs.
Description:	OIL SPILLED TO GROUND WHILE RAIL CAR BEING SERVICED				
Resp Action:	CLEANUP BY RP				
Misc. Info:	Not reported				
Location :	RAIL SHOP AREA/470 NORTH "L" ST.				

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ROESH LINES, INC. 844 9TH ST SAN BERNARDINO, CA 92410 CORTESE: Reg Id: 083600328T Region: CORTESE Reg By: Leaking Underground Storage Tanks State LUST: Cross Street: BOBBETT Qty Leaked: Not reported Case Number 083600328T Reg Board: 8 Chemical: 0 Lead Agency: Local Agency Local Agency : 0 Case Type: Soil only Status: Case Closed Review Date: Not reported Workplan: Not reported Pollution Char: Not reported Remed Action: 5/19/87 Monitoring: Not reported Close Date: 07/07/1987 Release Date: 02/25/1987 Cleanup Fund Id : Not reported Discover Date : 02/03/1987 Enforcement Dt : Not reported Enf Type: Not reported Enter Date : 02/27/1987 Funding: Not reported Staff Initials: Not reported How Discovered: Tank Closure How Stopped: Not reported Interim : Not reported Leak Cause: UNK Leak Source: UNK MTBE Date : / / Max MTBE GW : 0 Parts per Billion MTBE Tested: Not Required to be Tested. Priority: Not reported Local Case # : 87045 Beneficial: Not reported Staff : PAH GW Qualifier : Not reported Max MTBE Soil : Not reported Soil Qualifier : Not reported Hydr Basin #: Not reported Operator : RICHARD COOK Oversight Prgm: LUST Oversight Prgm : LUST Review Date : 06/15/1988 Stop Date : 02/03/1987 Work Suspended :Not reported Responsible Party:RICHARD COOK RP Address: 844 9TH NINTH STREET Global Id: T0607100038 Org Name: Not reported	Cortese LUST	S105026073 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ROESH LINES, INC. \ (Continued\)		S105026073
Contact Person:	Not reported	
MTBE Conc:	0	
Mtbe Fuel:	0	
Water System Name:	Not reported	
Well Name:	Not reported	
Distance To Lust:	0	
Waste Discharge Global ID:	Not reported	
Waste Disch Assigned Name:	Not reported	
LUST Region 8:		
Region:	8	
Substance:	12034, 80066	Cross Street: BOBBETT
Regional Board:	08	
Local Case Num:	87045	
Facility Status:	Case Closed	
Staff:	PATRICIA HANNON	
Lead Agency:	Local Agency	
Local Agency:	36000L	
Qty Leaked:	Not reported	
County:	San Bernardino	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	07/07/1987	
Cleanup Fund Id :	Not reported	
Discover Date :	02/03/1987	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	02/27/1987	
Funding:	Not reported	
Staff Initials:	Not reported	
How Discovered:	Tank Closure	
How Stopped:	Not reported	
Interim :	Not reported	
Lat/Lon :	34.1082285 / -117.2965765	
Leak Cause:	UNK	
Leak Source:	UNK	
Beneficial:	Not reported	
MTBE Date :	Not reported	
MTBE Tested :	NRQ	
Max MTBE GW :	Not reported	
GW Qualifies :	Not reported	
Max MTBE Soil :	Not reported	
Soil Qualifies :	Not reported	
Hydr Basin #:	UPPER SANTA ANA VALL	
Operator :	RICHARD COOK	
Oversight Prgm :	LUST	
Priority :	Not reported	
Work Suspended :	Not reported	
Responsible Party:	RICHARD COOK	
Well name:	10 TH & J WELL	
Distance From Lust:	2080.913659115614637000879622	
Waste Disch Global Id:	W0607110039	
MTBE Class:	*	
Waste Disch Assigned Name:	036/039-002	
Case Type:	Soil only	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ROESH LINES, INC. \ (Continued\)		S105026073
Global ID:	T0607100038	
How Stopped Date:	02/03/1987	
Organization Name:	Not reported	
Contact Person:	Not reported	
RP Address:	844 9TH NINTH STREET	
MTBE Concentration:	0	
MTBE Fuel:	0	
Case Number:	083600328T	
Water System Name:	SAN BERNARDINO, CITY OF	
Code Name:	SAN BERNARDINO	
Agency Name:	Not reported	
Priority:	Not reported	
State Expalnation:	CASE CLOSED	
Substance:	Not reported	
Staff:	PATRICIA HANNON	
Case Type:	S	
Summary:	Not reported	

HWY 58 2 MI WEST OF HWY 359 SAN BERNARDINO COUNTY, CA	CHMIRS EMI	S105631217 N/A
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CHMIRS:

OES Control Number:	27589
Chemical Name:	diesel
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	27589
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	UNKNOWN
Responding Agency Personel # Of Fatalities :	UNKNOWN
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\\(Continued\\)		S105631217
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	Not reported	
Waterway :	Not reported	
Spill Site :	Not reported	
Cleanup By :	tbd	
Containment :	Not reported	
What Happened :	vehicle accident. big rig and station wagon	
Type :	PETROLEUM	
Other :	Not reported	
Chemical 1 :	Not Reported	
Chemical 2 :	Not Reported	
Chemical 3 :	Not Reported	
Date/Time :	2115	
Evacuations :	UNKNOWN	
OES Control Number:	27589	
Chemical Name:	diesel	
Extent of Release:	Not reported	
Property Use:	Not reported	
Incident Date:	Not reported	
Date Completed:	Not reported	
Time Completed :	Not reported	
Agency Id Number :	Not reported	
Agency Incident Number :	Not reported	
OES Incident Number :	27589	
Time Notified :	Not reported	
Surrounding Area :	Not reported	
Estimated Temperature :	Not reported	
Property Management :	Not reported	
More Than Two Substances Involved? :	Not reported	
Special Studies 1 :	Not reported	
Special Studies 2 :	Not reported	
Special Studies 3 :	Not reported	
Special Studies 4 :	Not reported	
Special Studies 5 :	Not reported	
Special Studies 6 :	Not reported	
Responding Agency Personel # Of Injuries :	UNKNOWN	
Responding Agency Personel # Of Fatalities :	UNKNOWN	
Resp Agncy Personel # Of Decontaminated :	Not reported	
Others Number Of Decontaminated :	Not reported	
Others Number Of Injuries :	Not reported	
Others Number Of Fatalities :	Not reported	
Vehicle Make/year :	Not reported	
Vehicle License Number :	Not reported	
Vehicle State :	Not reported	
Vehicle Id Number :	Not reported	
CA/DOT/PUC/ICC Number :	Not reported	
Company Name :	Not reported	
Reporting Officer Name/ID :	Not reported	
Report Date :	Not reported	
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	Not reported	
Waterway :	Not reported	
Spill Site :	Not reported	
Cleanup By :	tbd	
Containment :	Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\\(Continued\\)		S105631217
What Happened :	vehicle accident. big rig and station wagon	
Type :	PETROLEUM	
Other :	Not reported	
Chemical 1 :	Not Reported	
Chemical 2 :	Not Reported	
Chemical 3 :	Not Reported	
Date/Time :	2115	
Evacuations :	UNKNOWN	
EMISSIONS :		
Facility ID :	9659	
Air District Code :	SC	
SIC Code :	2833	
Total Priority Score :	Not reported	
Health Risk Assessment :	Not reported	
Non-cancer Chronic Haz Index :	Not reported	
Non-cancer Acute Haz Index :	Not reported	
Air Basin :	SC	
Air District Name :	SOUTH COAST AQMD	
Community Health Air Pollution Info System :	Not reported	
Consolidated Emission Reporting Rule :	Not reported	
Total Organic Hydrocarbon Gases :	Not reported	
Reactive Organic Gases :	Not reported	
Carbon Monoxide Emissions :	Not reported	
NOX Gas Emissions \\(Nitrogen - Oxygen\\) :	Not reported	
SOX Gas Emissions \\(Sulphur - Oxygen\\) :	Not reported	

RIALTO LILAC STREET SAN BERNARDINO COUNTY, CA

**CHMIRS S105629377
EMI N/A**

CHMIRS:

OES Control Number:	61241
Chemical Name:	Not reported
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	61241
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	NO
Responding Agency Personel # Of Fatalities :	NO
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\\(Continued\\)		S105629377
Vehicle Make/year :	Not reported	
Vehicle License Number :	Not reported	
Vehicle State :	Not reported	
Vehicle Id Number :	Not reported	
CA/DOT/PUC/ICC Number :	Not reported	
Company Name :	Not reported	
Reporting Officer Name/ID :	Not reported	
Report Date :	Not reported	
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	Not reported	
Waterway :	Not reported	
Spill Site :	Not reported	
Cleanup By :	Not reported	
Containment :	Not reported	
What Happened :	passenger car derailment no injuries, no passengers on board train derailed while passing over switch	
Type :	Not reported	
Other :	Not reported	
Chemical 1 :	Not Reported	
Chemical 2 :	Not Reported	
Chemical 3 :	Not Reported	
Date/Time :	1000/12-17-93	
Evacuations :	Not reported	
EMISSIONS :		
Facility ID :	180023	
Air District Code :	SC	
SIC Code :	4581	
Total Priority Score :	Not reported	
Health Risk Assessment :	Not reported	
Non-cancer Chronic Haz Index :	Not reported	
Non-cancer Acute Haz Index :	Not reported	
Air Basin :	SC	
Air District Name :	SOUTH COAST AQMD	
Community Health Air Pollution Info System :	Y	
Consolidated Emission Reporting Rule :	B	
Total Organic Hydrocarbon Gases :	13	
Reactive Organic Gases :	12	
Carbon Monoxide Emissions :	386	
NOX Gas Emissions \\(Nitrogen - Oxygen\\) :	2	
SOX Gas Emissions \\(Sulphur - Oxygen\\) :	0	
Facility ID :	180023	
Air District Code :	SC	
SIC Code :	4581	
Total Priority Score :	Not reported	
Health Risk Assessment :	Not reported	
Non-cancer Chronic Haz Index :	Not reported	
Non-cancer Acute Haz Index :	Not reported	
Air Basin :	SC	
Air District Name :	SOUTH COAST AQMD	
Community Health Air Pollution Info System :	Y	
Consolidated Emission Reporting Rule :	B	
Total Organic Hydrocarbon Gases :	Not reported	
Reactive Organic Gases :	Not reported	
Carbon Monoxide Emissions :	Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\ (Continued) \		S105629377
NOX Gas Emissions \ (Nitrogen - Oxygen) \ : Not reported		
SOX Gas Emissions \ (Sulphur - Oxygen) \ : Not reported		



The EDR Radius Map with GeoCheck®

**234 South I Street
234 South I Street
San Bernadino, CA 92410**

Inquiry Number: 1074387.3s

October 31, 2003

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

234 SOUTH I STREET
SAN BERNADINO, CA 92410

COORDINATES

Latitude (North): 34.098000 - 34° 5' 52.8"
Longitude (West): 117.303100 - 117° 18' 11.2"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 472040.9
UTM Y (Meters): 3772868.8
Elevation: 1042 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2434117-A3 SAN BERNARDINO SOUTH, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
GRACE EQUIPMENT CO 234 S I ST SAN BERNARDINO, CA 92412	CA FID UST	N/A
EAST VALLEY PARA TRANSIT 234 S 'I' ST SAN BERNARDINO, CA 92410	San Bern. Co. Permit	N/A
EAST VALLEY PARA TRANSIT 234 S 'I' ST SAN BERNARDINO, CA 92410	San Bern. Co. Permit	N/A
EAST VALLEY PARA TRANSIT 234 S 'I' ST SAN BERNARDINO, CA 92410	San Bern. Co. Permit	N/A
EAST VALLEY PARA TRANSIT 234 S 'I' ST SAN BERNARDINO, CA 92410	San Bern. Co. Permit	N/A
WK EQUIPMENT CO. 234 S I ST SAN BERNARDINO, CA 92412	HIST UST	N/A
OMNI TRANS 234 SOUTH I ST SAN BERNARDINO, CA 92410	HAZNET	N/A

EXECUTIVE SUMMARY

OMNITRANS PARATRANSIT
234 S I ST
SAN BERNARDINO, CA 92410

UST

N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	Resource Conservation and Recovery Information System
ERNS	Emergency Response Notification System

STATE ASTM STANDARD

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
Notify 65	Proposition 65 Records
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
WMUDS/SWAT	Waste Management Unit Database
CA BOND EXP. PLAN	Bond Expenditure Plan
VCP	Voluntary Cleanup Program Properties
INDIAN UST	Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
DOD	Department of Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems

EXECUTIVE SUMMARY

FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities
CLEANERS..... Cleaner Facilities
CA WDS..... Waste Discharge System
DEED..... List of Deed Restrictions
SCH..... School Property Evaluation Program
EMI..... Emissions Inventory Data
NFA..... No Further Action Determination
NFE..... Properties Needing Further Evaluation
CA SLIC..... Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
VCP..... Voluntary Cleanup Program Properties

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 09/11/2003 has revealed that there are 3 CERCLIS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PHIL'S BURGER & DRUMS	835 E. 3RD STREET	1/4 - 1/2 N	46	40
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>SOUTHWEST METAL CO</i>	<i>740 CONGRESS ST</i>	<i>1/8 - 1/4 E</i>	<i>F34</i>	<i>24</i>
<i>QUALITY PLATING INC</i>	<i>456 SO. I ST</i>	<i>1/4 - 1/2 S</i>	<i>H39</i>	<i>31</i>

EXECUTIVE SUMMARY

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/10/2003 has revealed that there are 2 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
QUIEL BROS SIGN CO INC	272 S I ST	0 - 1/8 S	C12	10
SOUTHWEST METAL CO	740 CONGRESS ST	1/8 - 1/4 E	F34	24

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed that there is 1 CHMIRS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	702 WEST 2ND ST.	1/4 - 1/2 NE	45	39

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 22 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SMOOTH MOVE	207 WALKINSHAW ST	0 - 1/8 ENE	D16	13
HOAK BROS PLATING	939 W 2ND ST	1/4 - 1/2 NNW	42	34
TEXACO SERVICE STATION	797 2ND ST	1/4 - 1/2 NNE	43	35
UNOCAL SERVICE STATION #6968	187 NORTH F STREET	1/4 - 1/2 NE	47	40
CONOCO (KAYO OIL/ECONO)	1169 2ND ST	1/2 - 1 NW	48	45
ATCHISON, TOPEKA & SANTA	1170	1/2 - 1 NW	49	48
INCO SERVICE STATION	796 5TH ST	1/2 - 1 N	52	53
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN CALIFORNIA GAS CO	155 S G ST	1/4 - 1/2 ENE	38	27
QUALITY PLATING INC.	456 I	1/4 - 1/2 S	H40	31

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
RETAIL DELIVERY SYSTEMS	737 COLLEGE DR	1/2 - 1 SSE	50	50
P & M SERVICE STN #937	501 INLAND CENTER DR	1/2 - 1 SE	51	51
JACKS DISPOSAL SERVICE	380 OAK ST	1/2 - 1 ESE	53	56
GALLAGHER BEAUTY & BARBER	190 ARROWHEAD	1/2 - 1 E	54	58
LEVITZ FURNITURE	736 INLAND CENTER DR.	1/2 - 1 SSE	55	60
MORRISON HOPE, INC.	205 ARROWHEAD AVE	1/2 - 1 E	56	63
ARMORED TRANSPORT OF CA.,	372	1/2 - 1 ESE	58	65
SO CAL GAS/SAN BERNARDINO	NW CNR OF 2ND / ARROWHE	1/2 - 1 ENE	59	68
UNOCAL #2281	300 3RD ST	1/2 - 1 ENE	60	72
GOODYEAR TIRE CENTER	774 E ST	1/2 - 1 SE	61	74
SAN BERNARDINO FIRE STN.	502 ARROWHEAD	1/2 - 1 ESE	62	76
SHEPARDSON PROPERTY	328 MOUNTAIN VIEW AVE	1/2 - 1 E	63	79
FAIRCO INC	915 SCENIC DR	1/2 - 1 S	64	81

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 04/02/2003 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SMOOTH MOVE	207 WALKINSHAW ST	0 - 1/8 ENE	D16	13
ALLEN PROPERTY	895 2ND STREET	1/4 - 1/2N	41	31
TEXACO SERVICE STATION	797 2ND ST	1/4 - 1/2NNE	43	35
UNOCAL SERVICE STATION #6968	187 NORTH F STREET	1/4 - 1/2NE	47	40
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTHERN CALIFORNIA GAS CO	155 S G ST	1/4 - 1/2ENE	38	27
SHELL STATION	907 MILL STREET WEST	1/4 - 1/2S	44	37

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 04/02/2003 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
A C BYERS TRUCKING	767 W CONGRESS ST	1/8 - 1/4E	F28	20

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 5 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SMOOTH MOVE INC.	207 S WALKINSHAW	0 - 1/8 NE	13	11

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC VAN & STORAGE	815 W RIALTO AVE	1/8 - 1/4 NNE	G35	25
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
R & D TRUCK REPAIR	271 S I ST	0 - 1/8 S	C11	9
SANTEE DAIRIES INC	333 S I ST	1/8 - 1/4 S	E20	17
A.C. BYERS TRUCKING	767 CONGRESS	1/8 - 1/4 E	F26	19

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SMOOTH MOVE INC.	207 WALKINSHAW ST	0 - 1/8 ENE	D17	15
SUN CO	239 S J ST	1/8 - 1/4 W	18	16
SNOW FREIGHT LINES	958 W RIALTO AVE	1/8 - 1/4 NNW	32	21
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KNUDSEN CORPORATION	333 S I ST	1/8 - 1/4 S	E19	16
A.C. BYERS TRUCKING	767 W CONGRESS ST	1/8 - 1/4 E	F30	20

STATE OR LOCAL ASTM SUPPLEMENTAL

REF: This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

A review of the REF list, as provided by EDR, and dated 08/31/2003 has revealed that there is 1 REF site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTHWEST METAL COMPANY	740 CONGRESS STREET	1/8 - 1/4 E	F33	21

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 9 HAZNET sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BUNKER REFRIDGERATION	215 SOUTH I ST	0 - 1/8 N	B10	9
CAL. DEPT TRANS/CAL TRANS	197 S. I ST	0 - 1/8 N	B14	12

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SMOOTH MOVE INC	207 S WACKAINSHAW	0 - 1/8 ENE	D15	12
HUD INTOWN PROPERTIES	1047 CONGRESS ST	1/8 - 1/4 WNW	31	21
HUB CONSTRUCTION INC	789 W RIALTO AVE	1/8 - 1/4 NNE	G36	25
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
QUIEL BROS SIGN CO INC	272 S I ST	0 - 1/8 S	C12	10
PLANA	346 SOUTH I STREET	1/8 - 1/4 S	E21	17
A.C. BEYER TRUCKING	767 CONGRESS STREET	1/8 - 1/4 E	F25	19
A C BYERS TRUCKING INC	767 CONGRESS	1/8 - 1/4 E	F29	20

DEHS Permit System: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, has revealed that there are 8 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
APPLIANCE REPAIR	225 S I	0 - 1/8 N	A9	9
SMOOTH MOVE INC	207 S WACKAINSHAW	0 - 1/8 ENE	D15	12
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
QUIEL BROS SIGN CO INC	272 S I ST	0 - 1/8 S	C12	10
PERFORMANCE TECHNIQUES	346 S I ST 3	1/8 - 1/4 S	E22	18
PLAN A INC	346 S I ST 16	1/8 - 1/4 S	E23	18
JSI IND INC	346 S I ST STE 19	1/8 - 1/4 S	E24	18
A C BYERS TRUCKING	767 CONGRESS ST	1/8 - 1/4 E	F27	19
HUB CONSTRUCTION	379 S 'I' ST	1/8 - 1/4 S	37	27

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there is 1 Coal Gas site within approximately 1 mile of the target property.

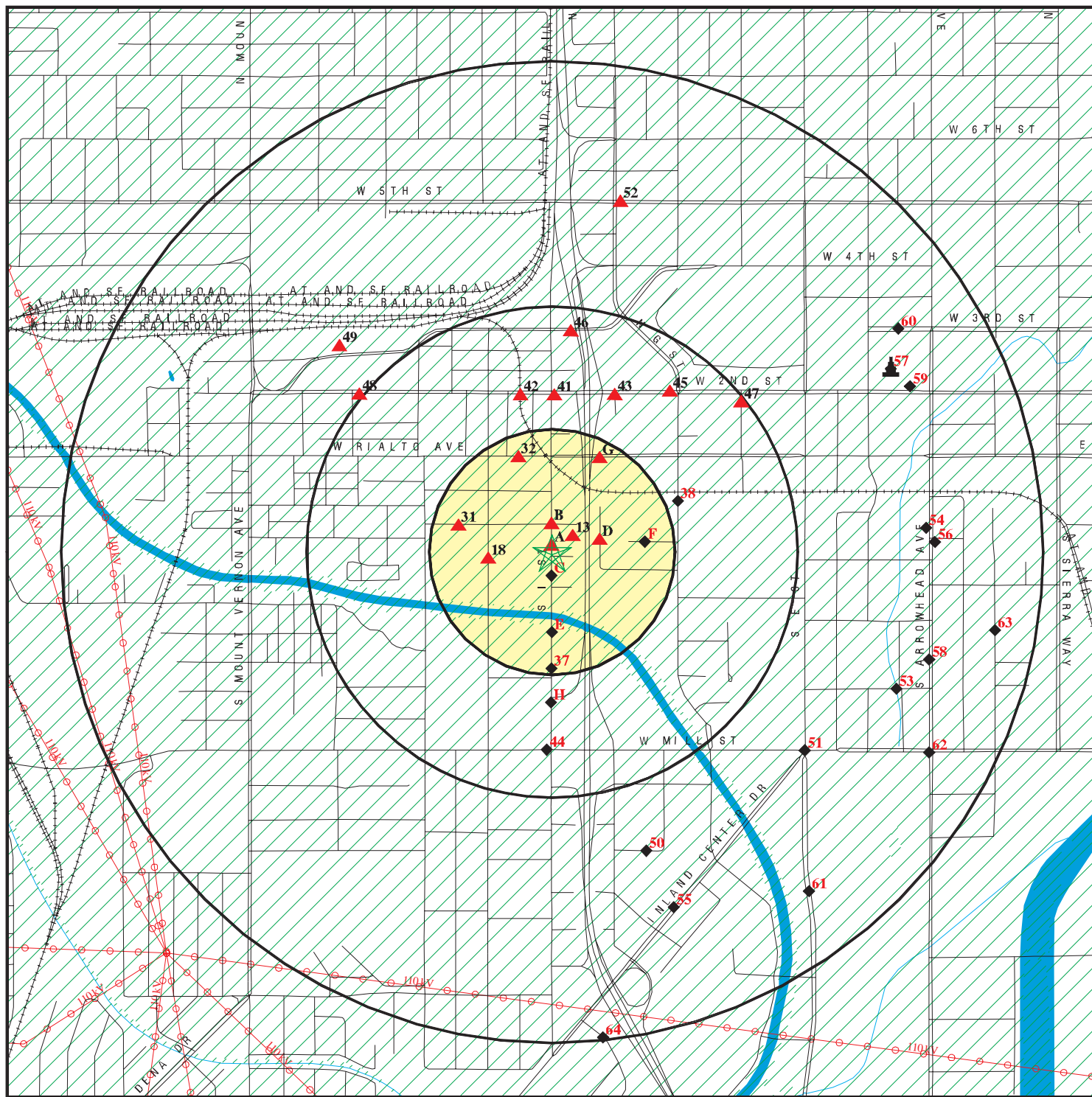
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAN BERNARDINO GAS LIGHT CO.	220-240 ARROWHEAD AVE.	1/2 - 1 ENE	57	65

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
572 S MT VERNON AV	CHMIRS, San Bern. Co. Permit
HWY 58 2 MI WEST OF HWY 359	CHMIRS, EMI
RIALTO LILAC STREET	CHMIRS, EMI
UNOCAL #3444	LUST, Cortese, CA FID UST
ALTA DENA DAIRY	LUST, Cortese
ARCO #5181	LUST, Cortese
UNION OIL SERVICE STATION #606	LUST, Cortese, CA FID UST
INLAND BEVERAGE COMPANY	LUST, Cortese
CHEVRON	LUST, Cortese
SECCOMBE LAKE STATE REC AREA	CERC-NFRAP
CALTRANS PANARAMA PT.MAINT.ST.	LUST
SOUTH WESTERN MOTORS	CA FID UST, San Bern. Co. Permit
HECTOR CERDA	HAZNET
UNOCAL SERVICE STATION #5961	HAZNET
CIRCLE K STORES INC STATION #5700	HAZNET
#5181 - 572 SOUTH MOUNTH VERNON AVE	ERNS
572 SOUTH MT. VERNON AVE	ERNS

OVERVIEW MAP - 1074387.3s - Komex H2O Science



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

⚡ Power transmission lines

⚡ Oil & Gas pipelines

▨ 100-year flood zone

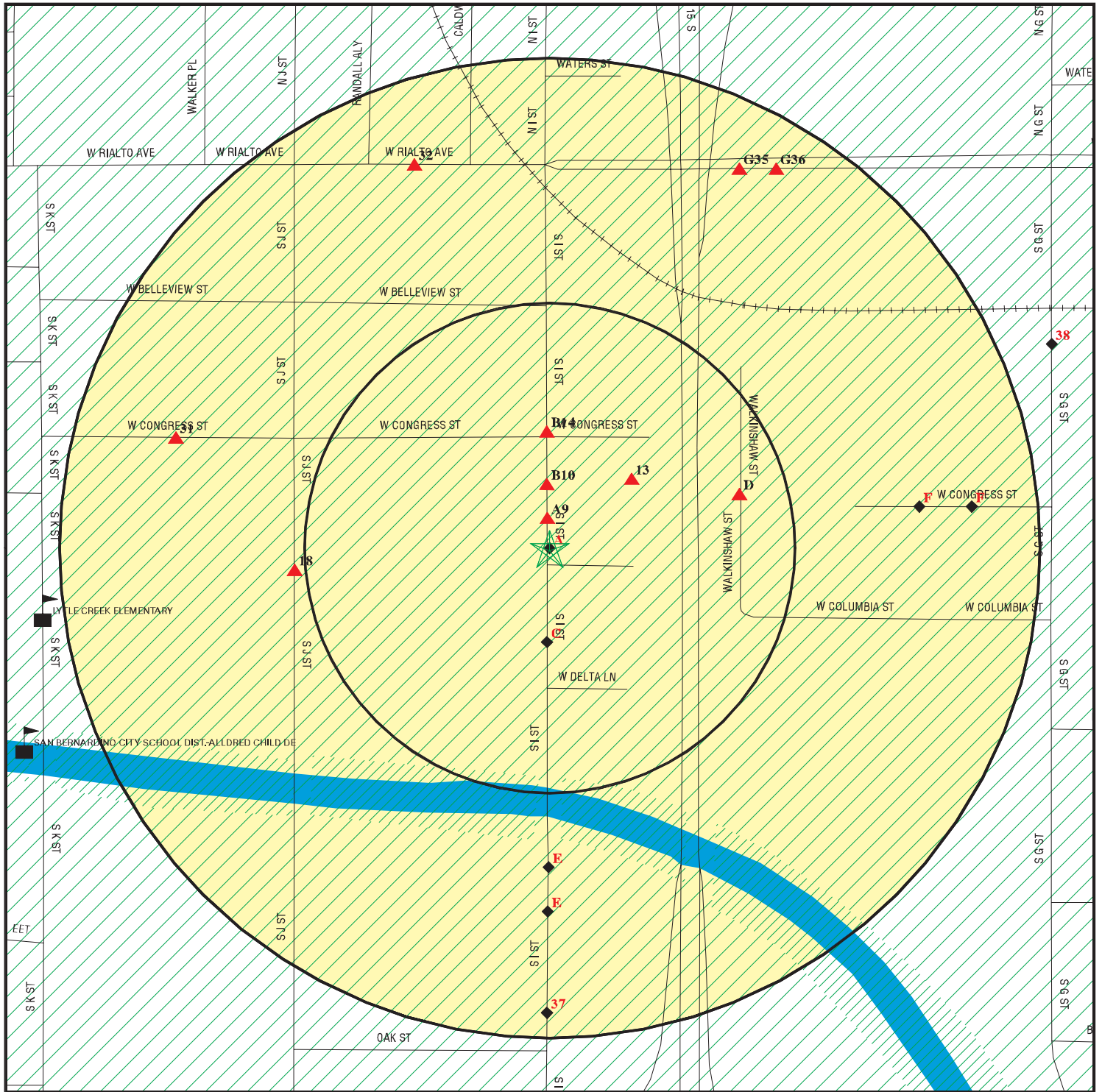
▨ 500-year flood zone

▨ Areas of Concern

TARGET PROPERTY: 234 South I Street
ADDRESS: 234 South I Street
CITY/STATE/ZIP: San Bernadino CA 92410
LAT/LONG: 34.0980 / 117.3031

CUSTOMER: Komex H2O Science
CONTACT: MARISA FONTANOS
INQUIRY #: 1074387.3s
DATE: October 31, 2003 9:01 am

DETAIL MAP - 1074387.3s - Komex H2O Science



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ Sensitive Receptors

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

Oil & Gas pipelines
100-year flood zone
500-year flood zone

Areas of Concern

TARGET PROPERTY: 234 South I Street
ADDRESS: 234 South I Street
CITY/STATE/ZIP: San Bernadino CA 92410
LAT/LONG: 34.0980 / 117.3031

CUSTOMER: Komex H2O Science
CONTACT: MARISA FONTANOS
INQUIRY #: 1074387.3s
DATE: October 31, 2003 9:02 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	1	2	NR	NR	3
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	1	1	NR	NR	NR	2
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	1	0	NR	1
Cortese		1.000	1	0	5	16	NR	22
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	1	0	5	NR	NR	6
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST	X	0.250	0	1	NR	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST	X	0.250	2	3	NR	NR	NR	5
HIST UST	X	0.250	1	4	NR	NR	NR	5
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	1	NR	NR	NR	1
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	4	5	NR	NR	NR	9
San Bern. Co. Permit	X	0.250	3	5	NR	NR	NR	8

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	1	NR	1
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BROWNFIELDS DATABASES

US BROWNFIELDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
A1 Target Property	GRACE EQUIPMENT CO 234 S I ST SAN BERNARDINO, CA 92412	CA FID UST	S101591036 N/A
	Site 1 of 9 in cluster A		
Actual: 1041 ft.	FID: Facility ID: 36000945 Regulate ID: 00042498 Reg By: Active Underground Storage Tank Location Cortese Code: Not reported SIC Code: Not reported Status: Active Facility Tel: Not reported Mail To: Not reported 234 S I ST SAN BERNARDINO, CA 92412 Contact: Not reported Contact Tel: Not reported DUNS No: Not reported NPDES No: Not reported Creation: 10/22/93 Modified: 00/00/00 EPA ID: Not reported Comments: Not reported		
A2 Target Property	EAST VALLEY PARA TRANSIT 234 S 'I' ST SAN BERNARDINO, CA 92410	San Bern. Co. Permit	S105698200 N/A
	Site 2 of 9 in cluster A		
Actual: 1041 ft.	DEHS Permit: Facility ID: PT0012637 Facility Status: ACTIVE Permit Category: UST Ownership/Operating Permit \ (per UST) Expiration Date: 11/30/2003		
A3 Target Property	EAST VALLEY PARA TRANSIT 234 S 'I' ST SAN BERNARDINO, CA 92410	San Bern. Co. Permit	S105698199 N/A
	Site 3 of 9 in cluster A		
Actual: 1041 ft.	DEHS Permit: Facility ID: PT0012636 Facility Status: ACTIVE Permit Category: UST Ownership/Operating Permit \ (per UST) Expiration Date: 11/30/2003		
A4 Target Property	EAST VALLEY PARA TRANSIT 234 S 'I' ST SAN BERNARDINO, CA 92410	San Bern. Co. Permit	S105698198 N/A
	Site 4 of 9 in cluster A		
Actual: 1041 ft.	DEHS Permit: Facility ID: PT0000488 Facility Status: ACTIVE Permit Category: Generator - 0-10 Employees Expiration Date: 11/30/2003		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A5
Target
Property

EAST VALLEY PARA TRANSIT
234 S 'I' ST
SAN BERNARDINO, CA 92410

San Bern. Co. Permit
S105698197
N/A

Site 5 of 9 in cluster A

Actual:
1041 ft.

DEHS Permit:
Facility ID: PT0000487
Facility Status: ACTIVE
Permit Category: Hazmat Handler 0-10 Employees \w/Gen Prmt\
Expiration Date: 11/30/2003

A6
Target
Property

WK EQUIPMENT CO.
234 S I ST
SAN BERNARDINO, CA 92412

HIST UST
U001576237
N/A

Site 6 of 9 in cluster A

Actual:
1041 ft.

UST HIST:

Facility ID: 42498
Tank Num: 1
Tank Capacity: 2000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: PAUL DICK
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: 1974
Tank Construction: Not reported

Telephone: \714\ 889-8341
Region: STATE
Other Type: CONTRACTORS RENTAL E

Facility ID: 42498
Tank Num: 2
Tank Capacity: 4000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: PAUL DICK
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 2
Year Installed: 1974
Tank Construction: Not reported

Telephone: \714\ 889-8341
Region: STATE
Other Type: CONTRACTORS RENTAL E

Facility ID: 42498
Tank Num: 3
Tank Capacity: 4000
Type of Fuel: Not Reported
Leak Detection: Stock Inventor
Contact Name: PAUL DICK
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 3
Year Installed: 1974
Tank Construction: Not reported

Telephone: \714\ 889-8341
Region: STATE
Other Type: CONTRACTORS RENTAL E

Facility ID: 42498
Tank Num: 4
Tank Capacity: 4000
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: PAUL DICK
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 4
Year Installed: 1974
Tank Construction: Not reported

Telephone: \714\ 889-8341
Region: STATE
Other Type: CONTRACTORS RENTAL E

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A7
Target
Property

OMNI TRANS
234 SOUTH I ST
SAN BERNARDINO, CA 92410

HAZNET **S105093139**
N/A

Site 7 of 9 in cluster A

Actual:
1041 ft.

HAZNET:

Gepaid: CAL000216629
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 5.8380
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: SAN BAG
Telephone: \ (909) 379-7100
Mailing Address: 1700 W FIFTH ST
SAN BERNARDINO, CA 92411
County San Bernardino

Gepaid: CAL000216629
TSD EPA ID: CAD009007626
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.84
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: BOB RODEMEYER - SFTY MGR
Telephone: \ (909) 379-7125
Mailing Address: 1700 W FIFTH ST
SAN BERNARDINO, CA 92411
County San Bernardino

Gepaid: CAL000216629
TSD EPA ID: CAT000613927
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 0.06
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: BOB RODEMEYER - SFTY MGR
Telephone: \ (909) 379-7125
Mailing Address: 1700 W FIFTH ST
SAN BERNARDINO, CA 92411
County San Bernardino

A8
Target
Property

OMNITRANS PARATRANSIT
234 S I ST
SAN BERNARDINO, CA 92410

UST **U003775825**
N/A

Site 8 of 9 in cluster A

Actual:
1041 ft.

State UST:

Facility ID: 48555
Region: STATE
Local Agency: 36000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A9
North
< 1/8
82 ft.

APPLIANCE REPAIR
225 S I
SAN BERNARDINO, CA 92410

San Bern. Co. Permit

S105698277
N/A

Site 9 of 9 in cluster A

Relative:
Equal

DEHS Permit:

Facility ID: PT0001179

Facility Status: ACTIVE

Actual:
1042 ft.

Permit Category: Limited Quantity Generator\B\

Expiration Date: 04/30/2002

B10
North
< 1/8
173 ft.

BUNKER REFRIDGERATION
215 SOUTH I ST
SAN BERNARDINO, CA 92410

HAZNET

S103953572
N/A

Site 1 of 2 in cluster B

Relative:
Higher

HAZNET:

Gepaid: CAC001050640

TSD EPA ID: CAT080022148

Gen County: San Bernardino

Tsd County: San Bernardino

Tons: .1042

Waste Category: Alkaline solution without metals \pH > 12.5\

Disposal Method: Transfer Station

Contact: NORMAN HANNOVER

Telephone: \000\ 000-0000

Mailing Address: PO BOX 71

SAN BERNARDINO, CA 92402

County San Bernardino

C11
South
< 1/8
253 ft.

R & D TRUCK REPAIR
271 S I ST
SAN BERNARDINO, CA 92410

CA FID UST

S101591126
N/A

Site 1 of 2 in cluster C

Relative:
Lower

FID:

Facility ID: 36001688

Reg By: Active Underground Storage Tank Location

Cortese Code: Not reported

Status: Active

Mail To: Not reported

271 S I ST

SAN BERNARDINO, CA 92410

Contact: Not reported

DUNs No: Not reported

Creation: 10/22/93

EPA ID: Not reported

Comments: Not reported

Regulate ID: Not reported

SIC Code: Not reported

Facility Tel: Not reported

Contact Tel: Not reported

NPDES No: Not reported

Modified: 00/00/00

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

C12
South
< 1/8
266 ft.

QUIEL BROS SIGN CO INC
272 S I ST
SAN BERNARDINO, CA 92410

RCRIS-SQG
FINDS
HAZNET
San Bern. Co. Permit
1000203344
CAD008392045

Relative:
Lower

Site 2 of 2 in cluster C
RCRIS:
Owner: RAY QUIEL
\\(415\\) 555-1212
EPA ID: CAD008392045
Contact: ENVIRONMENTAL MANAGER
\\(714\\) 885-4476
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
1038 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \\(FRS\\)
Resource Conservation and Recovery Act Information system \\(RCRAINFO\\)

HAZNET:

Gepaid: CAD008392045
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.0667
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: CORPORATION
Telephone: \\(909\\) 885-4476
Mailing Address: 272 SOUTH I ST
SAN BERNARDINO, CA 92410 - 2408
County San Bernardino
Gepaid: CAD008392045
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.085
Waste Category: Oxygenated solvents \\(acetone, butanol, ethyl acetate, etc.\\)
Disposal Method: Transfer Station
Contact: CORPORATION
Telephone: \\(909\\) 885-4476
Mailing Address: 272 SOUTH I ST
SAN BERNARDINO, CA 92410 - 2408
County San Bernardino
Gepaid: CAD008392045
TSD EPA ID: CAT000613927
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 0.5085
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: CORPORATION
Telephone: \\(909\\) 885-4476
Mailing Address: 272 SOUTH I ST
SAN BERNARDINO, CA 92410 - 2408

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUIEL BROS SIGN CO INC \Continued\

EDR ID Number
EPA ID Number

Database(s)

1000203344

County San Bernardino
Gepaid: CAD008392045
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0135
Waste Category: Oxygenated solvents \acetone, butanol, ethyl acetate, etc.\)
Disposal Method: Not reported
Contact: CORPORATION
Telephone: \909\ 885-4476
Mailing Address: 272 SOUTH I ST
SAN BERNARDINO, CA 92410 - 2408
County San Bernardino
Gepaid: CAD008392045
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .1410
Waste Category: Oxygenated solvents \acetone, butanol, ethyl acetate, etc.\)
Disposal Method: Transfer Station
Contact: CORPORATION
Telephone: \909\ 885-4476
Mailing Address: 272 SOUTH I ST
SAN BERNARDINO, CA 92410 - 2408
County San Bernardino

The CA HAZNET database contains 9 additional records for this site.
Please click [here](#) or contact your EDR Account Executive for more information.

DEHS Permit:
Facility ID: PT0004031
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 11/30/2003

Facility ID: PT0004032
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 11/30/2003

13
NE
< 1/8
289 ft.

SMOOTH MOVE INC.
207 S WALKINSHAW
SAN BERNARDINO, CA 92410

CA FID UST S101619558
N/A

Relative:
Higher

Actual:
1055 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SMOOTH MOVE INC. \Continued

EDR ID Number
EPA ID Number

Database(s)

S101619558

FID:

Facility ID:	36009272	Regulate ID:	00067461
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	PO BOX 98		
	SAN BERNARDINO, CA 92410		
Contact:	Not reported	Contact Tel:	Not reported
DUNS No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

B14
North
< 1/8
315 ft.

CAL. DEPT TRANS/CAL TRANS
197 S. I ST
SAN BERNARDINO, CA 92402

HAZNET **S103639210**
N/A

Site 2 of 2 in cluster B

Relative:
Higher

Actual:
1048 ft.

HAZNET:

Gepaid:	CAC000879680
TSD EPA ID:	CAT080033681
Gen County:	San Bernardino
Tsd County:	Los Angeles
Tons:	.2275
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Disposal, Other
Contact:	CAL TRANS
Telephone:	\(000\) 000-0000
Mailing Address:	247 W THIRD ST
	SAN BERNARDINO, CA 92402
County	San Bernardino
Gepaid:	CAC000879680
TSD EPA ID:	CAT080033681
Gen County:	San Bernardino
Tsd County:	Los Angeles
Tons:	.6826
Waste Category:	Contaminated soil from site clean-ups
Disposal Method:	Disposal, Other
Contact:	CAL TRANS
Telephone:	\(000\) 000-0000
Mailing Address:	247 W THIRD ST
	SAN BERNARDINO, CA 92402
County	San Bernardino

D15
ENE
< 1/8
530 ft.

SMOOTH MOVE INC
207 S WACKAINSHAW
SAN BERNARDINO, CA 92410

HAZNET **S105036479**
San Bern. Co. Permit **N/A**

Site 1 of 3 in cluster D

Relative:
Higher

Actual:
1052 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SMOOTH MOVE INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105036479

HAZNET:

Gepaid: CAL000067182
TSD EPA ID: CAD982444481
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 1.668
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: JIM UNDERWOOD
Telephone: \909\ 884-6916
Mailing Address: PO BOX 73
LAKE ARROWHEAD, CA 92352
County: San Bernardino

DEHS Permit:

Facility ID: PT0003373
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 07/31/2004

Facility ID: PT0003374
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 07/31/2004

**D16
ENE
< 1/8
534 ft.**

**SMOOTH MOVE
207 WALKINSHAW ST
SAN BERNARDINO, CA 92410**

**LUST S104401742
Cortese N/A**

Site 2 of 3 in cluster D

**Relative:
Higher**

State LUST:

**Actual:
1051 ft.**

Cross Street: VALLEY ST
Qty Leaked: Not reported
Case Number: 083603580T
Reg Board: 8
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: 10/04/1999
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 06/06/2000
Release Date: 10/04/1999
Cleanup Fund Id : Not reported
Discover Date : 09/23/1999
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/17/1999
Funding: Not reported
Staff Initials: JC3
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK

Confirm Leak: 10/04/1999
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SMOOTH MOVE \Continued

S104401742

Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 99122
Beneficial: Not reported
Staff : TME
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 04/24/2000
Stop Date : / /
Work Suspended :No
Responsible PartySMOOTH MOVE CONCRETE PUMPING C
RP Address: Not reported
Global Id: T0607100608
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	VALLEY ST
Substance:	12034		
Regional Board:	08		
Local Case Num:	99122		
Facility Status:	Case Closed		
Staff:	TOM MBEKE-EKANEM		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	10/4/99	Confirm Leak:	10/4/99
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	06/06/2000		
Cleanup Fund Id :	Not reported		
Discover Date :	09/23/1999		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	12/17/1999		
Funding:	Not reported		
Staff Initials:	JC3		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.0957351 / -117.2814819		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SMOOTH MOVE \Continued

S104401742

Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :No
Responsible PartySMOOTH MOVE CONCRETE PUMPING C
Well name: COOLEY I
Distance From Lust: 3320.6975399048071919273840407
Waste Disch Global Id: W0606510031
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-11D03 S
Case Type: Soil only
Global ID: T0607100608
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: Not reported
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083603580T
Water System Name: RIVERSIDE, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: DIESEL
Staff: TOM MBEKE-EKANEM
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083603580T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

D17
ENE
< 1/8
534 ft.

**SMOOTH MOVE INC.
207 WALKINSHAW ST
SAN BERNARDINO, CA 92410**

**HIST UST U001576203
N/A**

Site 3 of 3 in cluster D

**Relative:
Higher**

UST HIST:

**Actual:
1051 ft.**

Facility ID: 67461
Tank Num: 1
Tank Capacity: 7500
Type of Fuel: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: JIM UNDERWOOD
Total Tanks: 3
Facility Type: Other

Tank Used for: WASTE
Container Num: 1
Year Installed: 1979
Tank Construction: X inches

Telephone: \714\ 884-9616
Region: STATE
Other Type: CONCRETE PUMPING BUSI

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SMOOTH MOVE INC. \Continued

U001576203

Facility ID: 67461
Tank Num: 2
Tank Capacity: 4000
Type of Fuel: DIESEL
Leak Detection: Visual, Stock Inventor
Contact Name: JIM UNDERWOOD
Total Tanks: 3
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 2
Year Installed: 1978
Tank Construction: Not reported
Telephone: \714\ 884-9616
Region: STATE
Other Type: CONCRETE PUMPING BUSI

Facility ID: 67461
Tank Num: 3
Tank Capacity: 4000
Type of Fuel: DIESEL
Leak Detection: Visual, Stock Inventor
Contact Name: JIM UNDERWOOD
Total Tanks: 3
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 3
Year Installed: 1978
Tank Construction: Not reported
Telephone: \714\ 884-9616
Region: STATE
Other Type: CONCRETE PUMPING BUSI

18
West
1/8-1/4
691 ft.

SUN CO
239 S J ST
SAN BERNARDINO, CA 92412

HIST UST **U001576235**
N/A

Relative:
Higher

UST HIST:

Facility ID: 50281
Tank Num: 1
Tank Capacity: 1000
Type of Fuel: DIESEL
Leak Detection: Visual, Stock Inventor
Contact Name: J.H. JOLLEY
Total Tanks: 2
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: 1974
Tank Construction: Not reported
Telephone: \714\ 889-9666
Region: STATE
Other Type: NEWSPAPER TRANSPORTA

Actual:
1046 ft.

Facility ID: 50281
Tank Num: 2
Tank Capacity: 4000
Type of Fuel: DIESEL
Leak Detection: Visual, Stock Inventor
Contact Name: J.H. JOLLEY
Total Tanks: 2
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 2
Year Installed: 1974
Tank Construction: Not reported
Telephone: \714\ 889-9666
Region: STATE
Other Type: NEWSPAPER TRANSPORTA

E19
South
1/8-1/4
859 ft.

KNUDSEN CORPORATION
333 S I ST
SAN BERNARDINO, CA 92410

HIST UST **U001576182**
N/A

Site 1 of 6 in cluster E

Relative:
Lower

UST HIST:

Facility ID: 4524
Tank Num: 1
Tank Capacity: 10000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: DICK DAVIS
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: Not reported
Tank Construction: 1/4 inches
Telephone: \714\ 885-3841
Region: STATE
Other Type: Not reported

Actual:
1028 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KNUDSEN CORPORATION \Continued\

EDR ID Number
EPA ID Number

Database(s)

U001576182

Facility ID: 4524
Tank Num: 2
Tank Capacity: 10000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor, Pressure Test
Contact Name: DICK DAVIS
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 2
Year Installed: Not reported
Tank Construction: 1/4 inches

Telephone: \714\ 885-3841
Region: STATE
Other Type: Not reported

Facility ID: 4524
Tank Num: 3
Tank Capacity: 20000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor, Pressure Test
Contact Name: DICK DAVIS
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 3
Year Installed: Not reported
Tank Construction: 1/4 inches

Telephone: \714\ 885-3841
Region: STATE
Other Type: Not reported

Facility ID: 4524
Tank Num: 4
Tank Capacity: 500
Type of Fuel: Not Reported
Leak Detection: None
Contact Name: DICK DAVIS
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 4
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \714\ 885-3841
Region: STATE
Other Type: Not reported

E20
South
1/8-1/4
859 ft.

SANTEE DAIRIES INC
333 S I ST
SAN BERNARDINO, CA 92410

CA FID UST S101591527
N/A

Site 2 of 6 in cluster E

Relative:
Lower

FID:

Actual:
1028 ft.

Facility ID: 36008346
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported
Status: Active
Mail To: Not reported
331 S I ST
SAN BERNARDINO, CA 92410
Contact: Not reported
DUNS No: Not reported
Creation: 10/22/93
EPA ID: Not reported
Comments: Not reported

Regulate ID: 00004524
SIC Code: Not reported
Facility Tel: Not reported

Contact Tel: Not reported
NPDES No: Not reported
Modified: 00/00/00

E21
South
1/8-1/4
978 ft.

PLANA
346 SOUTH I STREET
SAN BERNARDINO, CA 92410

HAZNET S103982057
N/A

Site 3 of 6 in cluster E

Relative:
Lower

Actual:
1028 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PLANA \Continued\

EDR ID Number
EPA ID Number

S103982057

HAZNET:

Gepaid: CAC001202552
TSD EPA ID: CAD008252405
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2293
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: PLANA
Telephone: \000\ 000-0000
Mailing Address: 346 SOUTH I STREET
SAN BERNARDINO, CA 92410
County: San Bernardino

E22
South
1/8-1/4
978 ft.

PERFORMANCE TECHNIQUES
346 S I ST 3
SAN BERNARDINO, CA 92410

San Bern. Co. Permit

S104768981
N/A

Site 4 of 6 in cluster E

Relative:
Lower

DEHS Permit:

Facility ID: PT0007660
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 07/31/2004

Actual:
1028 ft.

Facility ID: PT0007661
Facility Status: ACTIVE
Permit Category: Limited Quantity Generator\B\
Expiration Date: 07/31/2004

E23
South
1/8-1/4
978 ft.

PLAN A INC
346 S I ST 16
SAN BERNARDINO, CA 92410

San Bern. Co. Permit

S105698278
N/A

Site 5 of 6 in cluster E

Relative:
Lower

DEHS Permit:

Facility ID: PT0009742
Facility Status: ACTIVE
Permit Category: Hazmat Handler 11-25 Employees
Expiration Date: 09/30/2003

Actual:
1028 ft.

E24
South
1/8-1/4
978 ft.

JSI IND INC
346 S I ST STE 19
SAN BERNARDINO, CA 92410

FINDS
San Bern. Co. Permit

1004441653
110010676857

Site 6 of 6 in cluster E

Relative:
Lower

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \FRS\
ICIS
National Compliance Database \NCDB\

Actual:
1028 ft.

DEHS Permit:

Facility ID: PT0000521
Facility Status: ACTIVE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

JSI IND INC \Continued

EDR ID Number
EPA ID Number

Database(s)

Permit Category: Hazmat Handler 0-10 Employees
Expiration Date: 08/31/2004

1004441653

F25
East
1/8-1/4
1001 ft.

A.C. BEYER TRUCKING
767 CONGRESS STREET
SAN BERNARDINO, CA 92410

HAZNET

S105034069
N/A

Site 1 of 8 in cluster F

Relative:
Lower

HAZNET:

Actual:
1036 ft.

Gepaid: CAC001083960
TSD EPA ID: CAD099452708
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 1.8765
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Contact: BILL GARNER
Telephone: \909\ 884-6064
Mailing Address: 767 CONGRESS STREET
SAN BERNARDINO, CA 92410
County: San Bernardino

F26
East
1/8-1/4
1001 ft.

A.C. BYERS TRUCKING
767 CONGRESS
SAN BERNARDINO, CA 92410

CA FID UST

S101619539
N/A

Site 2 of 8 in cluster F

Relative:
Lower

FID:

Actual:
1036 ft.

Facility ID:	36008791	Regulate ID:	00021847
Reg By:	Active	Underground Storage Tank Location	
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	767 CONGRESS		
	SAN BERNARDINO, CA 92410		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

F27
East
1/8-1/4
1001 ft.

A C BYERS TRUCKING
767 CONGRESS ST
SAN BERNARDINO, CA 92410

San Bern. Co. Permit

S104763081
N/A

Site 3 of 8 in cluster F

Relative:
Lower

DEHS Permit:

Actual:
1036 ft.

Facility ID: PT0002610
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 07/31/2004

Facility ID: PT0002612
Facility Status: ACTIVE
Permit Category: Special Generator\B\

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

A C BYERS TRUCKING \Continued

EDR ID Number
EPA ID Number

Database(s)

Expiration Date: 07/31/2004

Facility ID: PT0011517

Facility Status: ACTIVE

Permit Category: UST Ownership/Operating Permit \per UST\

Expiration Date: 07/31/2004

S104763081

F28
East
1/8-1/4
1001 ft.

A C BYERS TRUCKING
767 W CONGRESS ST
SAN BERNARDINO, CA 92410

UST **U003784840**
N/A

Site 4 of 8 in cluster F

Relative:
Lower

State UST:

Facility ID: 86009591

Actual:
1036 ft.

Region: STATE

Local Agency: 36000

F29
East
1/8-1/4
1001 ft.

A C BYERS TRUCKING INC
767 CONGRESS
SAN BERNARDINO, CA 92410

HAZNET **S104578209**
N/A

Site 5 of 8 in cluster F

Relative:
Lower

HAZNET:

Gepaid: CAL000112879

Actual:
1036 ft.

TSD EPA ID: CAD982444481

Gen County: San Bernardino

Tsd County: San Bernardino

Tons: 1.0425

Waste Category: Unspecified oil-containing waste

Disposal Method: Recycler

Contact: BILL GARNER

Telephone: \909\ 884-6064

Mailing Address: 767 W CONGRESS ST
SAN BERNARDINO, CA 92410 - 3309

County: San Bernardino

F30
East
1/8-1/4
1001 ft.

A.C. BYERS TRUCKING
767 W CONGRESS ST
SAN BERNARDINO, CA 92410

HIST UST **U001576149**
N/A

Site 6 of 8 in cluster F

Relative:
Lower

UST HIST:

Facility ID: 21847

Actual:
1036 ft.

Tank Num: 1

Tank Capacity: 10000

Type of Fuel: DIESEL

Leak Detection: Stock Inventor

Contact Name: Not reported

Total Tanks: 1

Facility Type: Other

Tank Used for: PRODUCT

Container Num: 1

Year Installed: 1969

Tank Construction: Not reported

Telephone: \714\ 884-6064

Region: STATE

Other Type: OWN USE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

31
WNW
1/8-1/4
1051 ft.

HUD INTOWN PROPERTIES
1047 CONGRESS ST
SAN BERNARDINO, CA 92410

HAZNET **S103968630**
N/A

Relative:
Higher

HAZNET:

Actual:
1050 ft.

Gepaid: CAC002125352
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0500
Waste Category: Household waste
Disposal Method: Treatment, Tank
Contact: HUD
Telephone: \(\000\)\ 000-0000
Mailing Address: 2086 S E ST STE 204
SAN BERNARDINO, CA 92408
County: San Bernardino

32
NNW
1/8-1/4
1097 ft.

SNOW FREIGHT LINES
958 W RIALTO AVE
SAN BERNARDINO, CA 92401

HIST UST **U001575916**
N/A

Relative:
Higher

UST HIST:

Actual:
1056 ft.

Facility ID: 64503
Tank Num: 1
Tank Capacity: 7500
Type of Fuel: DIESEL
Leak Detection: None
Contact Name: BARBARA PROSSER
Total Tanks: 2
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \(\714\)\ 381-6683
Region: STATE
Other Type: TRUCKING COMPANY

Facility ID: 64503
Tank Num: 2
Tank Capacity: 0
Type of Fuel: WASTE OIL
Leak Detection: None
Contact Name: BARBARA PROSSER
Total Tanks: 2
Facility Type: Other

Tank Used for: WASTE
Container Num: 2
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \(\714\)\ 381-6683
Region: STATE
Other Type: TRUCKING COMPANY

F33
East
1/8-1/4
1141 ft.

SOUTHWEST METAL COMPANY
740 CONGRESS STREET
SAN BERNARDINO, CA 92410

REF **S101481920**
N/A

Site 7 of 8 in cluster F

Relative:
Lower

REF:

Actual:
1034 ft.

Facility ID: 36330036
Dtsc Region Code : 4
Region Code Definition : CYPRESS
County Code : 36
Site Name Under : Not reported
Current Status Date : 08221995
Current Status Code : REFOA
Current Status : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency Code : Not reported
Lead Agency : N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SOUTHWEST METAL COMPANY \Continued

S101481920

Site Type Code : Not reported
Site Type : N/A
National Priorities List : Not reported
Tier : Not reported
Source Of Funding Code : Not reported
Staff Member : Not reported
Supervisor : Not reported
Sic Code : 33
Sic Code Definition : MANU - PRIMARY METAL INDUSTRIES
Site Mitigatn & Brnfls Reuse Prog \SMBR\ Code : SB
SMBR Branch : SO CAL - CYPRESS
Regional Water Quality Control Board : SA
RWQCB Definition : SANTA ANA
Site Access Controlled : Not reported
Listed In Haz Wst & Substncs Sites List \CORTESE\ : Not reported
Date Hazard Ranked : Not reported
GW Contamination Suspected : Not reported
Of Sources Contributing To Contamination : 0.00000
Lat/Long : 0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
Direction Lat : Not reported
Direction Long : Not reported
Lat/long Method : Not reported
Entity Lat/long Coordinates Refer To : Not reported
State Assembly Distt Code : Not reported
State Senate Distt Code : Not reported
Identifying Code: EPA
ID Value: CAT000624106
Other ID Desc: EPA IDENTIFICATION NUMBER
Alternate Name\(\s\): SOUTHWEST METAL COMPANY
SOUTHWEST METALS COMPANY
Address\(\es\) : 740 CONGRESS STREET
SAN BERNARDINO, CA 92410
Background Info : Not reported
Facility Id : 36330036
AWP Activities Code : 1.00000
DTSC Site Activity Code : DISC
Activity Code Def: DISCOVERY
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 02081983
Est # Of Person-years To Complete : 0.00000
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : REFOA
Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion : 0.00000
Gallons Of Liquid Removed Upon Completion : 0.00000
Cubic Yards Of Solids Treated Upon Completion : 0.00000
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 36330036
AWP Activities Code : 2.00000
DTSC Site Activity Code : DISC
Activity Code Def: DISCOVERY
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 10121983

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SOUTHWEST METAL COMPANY \Continued

S101481920

Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	REFOA
Status Code Definition :	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36330036
AWP Activities Code :	3.00000
DTSC Site Activity Code :	PA
Activity Code Def:	Not reported
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	06261984
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	REFOA
Status Code Definition :	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36330036
AWP Activities Code :	4.00000
DTSC Site Activity Code :	SS
Activity Code Def:	Not reported
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	05191989
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	REFOA
Status Code Definition :	PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Special Program Code:	Not reported
Special Program :	Not reported
Comments Date :	01141991
Comments :	DHS RCVD FIT SSI- EPA RECOMMENDS LSI 6-1-90. STARTED LSI 9-18-90. HAZARD MITIGATED C-U OF AL CONTMN SOIL,REMOVAL OF ALL OIL REMOVAL OF ALL STOCKPILED WASTES TO APPROPRIATE DISP FAC. COMPLETED. FACILITY IDENTIFIED ID VIA RWQCB ACTIVE FILES INSPECTION\STATE\ RWQCB ROUTINE INSP VIOLATION DETECTED OVERFLOW TO ST FROM WASTEWATER POND DUE TO RAIN RUNOFF. FACILITY DRIVE-BY METAL RECYCLING FIRM ON SITE. ACTIVE SUMP W/ UNK DISCOLORED LIQ-OVERFLOWING TO YARD. PORTIONS OF YARD ARE UNPAVED. WHITE SUBSTANCE TO GROUND & FLOOD CONTRL

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SOUTHWEST METAL COMPANY \Continued

S101481920

CHANNEL. LARGE PILES OF BATTERY CASINGS.
NEIGHBOR COMPLAINED OF STRONG ACID SMELL
FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
SITE SCREENING DONE FIT PA REASSESSMENT COMPLETED 9/28/88
RECOMMENDED HIGH PRIORITY SSI; DHS
CONCURS WITH RECOMMENDATION
Site deleted based on memo/site visit report by Suzanne
Gandy.
PERMIT\OTHER\ RWQCB. WDR #78-58
T/C W/ RWQCB,714-684-9330 - SOURCE ACT:
BATTERY BREAKING-RECYCLING LEAD. FAC
TYPE: CONCRETE ACID PIT POND. C-U OF ALL
FINAL STRATEGY REOCM SAMPLING SOIL ADJ TO CO.
RWQCB,CO HLTH.
SUBMIT TO EPA
PRELIM ASSESS DONE RCRA 3012
INSPECTION\STATE\ DHS. ISD INSP. FAC OUT OF BUSINESS.WASTE
STORED IN UNCONTROLLED MANNER.
ENFORCEMENT ACTION RWQCB SCHEDULE CLEANUP.
EPA lead
FACILITY IDENTIFIED ID FROM ERRIS
ENFORCEMENT ACTION RWQCB LETTER THREATENS ENF ACTION PERSU-
ANT TO DIV 7 OF CA CODE
INSPECTION\STATE\ RWQCB. ROUTINE INSP. SAMPLES FROM
CONGRESS ST. HEAVY METALS AT OR ABOVE
TTLIC FROM CALIF ADMIN MANUAL \CAM\

F34
East
1/8-1/4
1141 ft.

SOUTHWEST METAL CO
740 CONGRESS ST
SAN BERNARDINO, CA 92410

CERCLIS
RCRIS-SQG
FINDS

1000411004
CAT000624106

Site 8 of 8 in cluster F

Relative:
Lower

CERCLIS Classification Data:

Actual:
1034 ft.

Site Incident Category: Not reported
Non NPL Status: SR
Ownership Status: Unknown
Contact: Betsy Curnow
Contact Title: Not reported
Contact: Jere Johnson
Contact Title: Not reported

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL
Contact Tel: \415\ 972-3093

Contact Tel: \415\ 972-3094

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: PRELIMINARY ASSESSMENT
Assessment: SITE INSPECTION
Assessment: EXPANDED SITE INSPECTION

Completed: 08/01/1980
Completed: 02/01/1985
Completed: 11/16/1988
Completed: 06/19/1990
Completed: 03/11/1991

CERCLIS Site Status:

Recommended for HRS Scoring

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SOUTHWEST METAL CO \Continued

EDR ID Number
EPA ID Number

1000411004

RCRIS:

Owner: NOT REQUIRED

\(415\) 555-1212

EPA ID: CAT000624106

Contact: Not reported

Classification: Small Quantity Generator

TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.10-12.A

Area of Violation: GENERATOR-ALL REQUIREMENTS \OVERSIGHT\

Date Violation Determined: 03/08/1985

Actual Date Achieved Compliance: 03/08/1990

There are 1 violation record\(\s\) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS \OVERSIGHT\	19900308

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System \CERCLIS\

Facility Registry System \FRS\

Resource Conservation and Recovery Act Information system \RCRAINFO\

G35
NNE
1/8-1/4
1143 ft.

PACIFIC VAN & STORAGE
815 W RIALTO AVE
SAN BERNARDINO, CA 92410

CA FID UST **S101591019**
N/A

Site 1 of 2 in cluster G

Relative:
Higher

FID:

Actual:
1060 ft.

Facility ID:	36000816	Regulate ID:	Not reported
Reg By:	Active	Underground Storage Tank Location	
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	815 W RIALTO AVE		
	SAN BERNARDINO, CA 92410		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

G36
NNE
1/8-1/4
1191 ft.

HUB CONSTRUCTION INC
789 W RIALTO AVE
SAN BERNARDINO, CA 92410

HAZNET **S105087012**
N/A

Site 2 of 2 in cluster G

Relative:
Higher

Actual:
1057 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HUB CONSTRUCTION INC \Continued

EDR ID Number
EPA ID Number

Database(s)

S105087012

HAZNET:

Gepaid: CAC002288705
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2000
Waste Category: Alkaline solution without metals \pH > 12.5\
Disposal Method: Transfer Station
Contact: HUB CONSTRUCTION INC
Telephone: \909\ 889-0161
Mailing Address: 379 S I ST
SAN BERNARDINO, CA 92410
County San Bernardino

Gepaid: CAC002288705
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .3750
Waste Category: Laboratory waste chemicals
Disposal Method: Transfer Station
Contact: HUB CONSTRUCTION INC
Telephone: \909\ 889-0161
Mailing Address: 379 S I ST
SAN BERNARDINO, CA 92410
County San Bernardino

Gepaid: CAC002288705
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .6575
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: HUB CONSTRUCTION INC
Telephone: \909\ 889-0161
Mailing Address: 379 S I ST
SAN BERNARDINO, CA 92410
County San Bernardino

Gepaid: CAC002288705
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0100
Waste Category: Laboratory waste chemicals
Disposal Method: Not reported
Contact: HUB CONSTRUCTION INC
Telephone: \909\ 889-0161
Mailing Address: 379 S I ST
SAN BERNARDINO, CA 92410
County San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HUB CONSTRUCTION INC \Continued\

EDR ID Number
EPA ID Number

Database(s)

S105087012

Gepaid: CAC002288705
TSD EPA ID: CAD982444481
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 1.6670
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Recycler
Contact: HUB CONSTRUCTION INC
Telephone: \909\ 889-0161
Mailing Address: 379 S I ST
SAN BERNARDINO, CA 92410
County: San Bernardino

The CA HAZNET database contains 1 additional record for this site.
Please click here or contact your EDR Account Executive for more information.

37
South
1/8-1/4
1252 ft.

HUB CONSTRUCTION
379 S 'I' ST
SAN BERNARDINO, CA 92410

San Bern. Co. Permit S102041969
N/A

Relative:
Lower

DEHS Permit:
Facility ID: PT0004265
Facility Status: ACTIVE
Permit Category: Hazmat Handler 26-50 Employees
Expiration Date: 05/31/2004

Actual:
1029 ft.

38
ENE
1/4-1/2
1459 ft.

SOUTHERN CALIFORNIA GAS CO
155 S G ST
SAN BERNARDINO, CA 92410

HAZNET S102437825
LUST N/A
Cortese

Relative:
Lower

State LUST:
Cross Street: RIALTO
Qty Leaked: Not reported
Case Number: 083601787T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: Case Closed
Review Date: Not reported
Workplan: 1/15/91
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 9/27/91
Close Date: 03/30/1994
Release Date: 03/13/1991
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/03/1991
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported

Confirm Leak: Not reported
Prelim Assess: 1/15/91
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SOUTHERN CALIFORNIA GAS CO (Continued)

S102437825

Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 90211
Beneficial: Not reported
Staff : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 04/13/1994
Stop Date : / /
Work Suspended :Not reported
Responsible Party:SOUTHERN CALIFORNIA GAS CO.
RP Address: P.O BOX 3249, LOS ANGELES, CA 90051-1249
Global Id: T0607100214
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	8006619	Cross Street:	RIALTO
Regional Board:	08		
Local Case Num:	90211		
Facility Status:	Case Closed		
Staff:	PATRICIA HANNON		
Lead Agency:	Regional Board		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	1/15/91	Prelim Assess:	1/15/91
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	9/27/91	Monitoring:	9/27/91
Close Date:	03/30/1994		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	03/03/1991		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Not reported		
How Stopped:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SOUTHERN CALIFORNIA GAS CO \Continued

S102437825

Interim : Not reported
Lat/Lon : 34.0991169 / -117.2985265
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Work Suspended :Not reported
Responsible PartySOUTHERN CALIFORNIA GAS CO.
Well name: MILL AND D STREET WELL 182
Distance From Lust: 2173.0981667423015927097113069
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-10N06 S
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100214
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: P.O BOX 3249, LOS ANGELES, CA 90051-1249
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083601787T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: PATRICIA HANNON
Case Type: A
Summary: Not reported

HAZNET:

Gepaid: CAD981422942
TSD EPA ID: CAD982444481
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: .0550
Waste Category: Other organic solids
Disposal Method: Recycler
Contact: SOUTHERN CALIFORNIA GAS CO
Telephone: \213\ 244-5517
Mailing Address: PO BOX 513249
 LOS ANGELES, CA 90051 - 1249
County San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SOUTHERN CALIFORNIA GAS CO \Continued

EDR ID Number
EPA ID Number

Database(s)

S102437825

Gepaid: CAD981422942
TSD EPA ID: CAT000625137
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0208
Waste Category: Tank bottom waste
Disposal Method: Not reported
Contact: SOUTHERN CALIFORNIA GAS CO
Telephone: \213\ 244-5517
Mailing Address: PO BOX 513249
LOS ANGELES, CA 90051 - 1249
County San Bernardino

Gepaid: CAD981422942
TSD EPA ID: CAT000625137
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 2.7730
Waste Category: Waste oil and mixed oil
Disposal Method: Disposal, Other
Contact: SOUTHERN CALIFORNIA GAS CO
Telephone: \213\ 244-5517
Mailing Address: PO BOX 513249
LOS ANGELES, CA 90051 - 1249
County San Bernardino

Gepaid: CAD981422942
TSD EPA ID: CAT000625137
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0258
Waste Category: Other organic solids
Disposal Method: Disposal, Other
Contact: SOUTHERN CALIFORNIA GAS CO
Telephone: \213\ 244-5517
Mailing Address: PO BOX 513249
LOS ANGELES, CA 90051 - 1249
County San Bernardino

Gepaid: CAD981422942
TSD EPA ID: CAT000625137
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0550
Waste Category: Off-specification, aged, or surplus organics
Disposal Method: Disposal, Other
Contact: SOUTHERN CALIFORNIA GAS CO
Telephone: \213\ 244-5517
Mailing Address: PO BOX 513249
LOS ANGELES, CA 90051 - 1249
County San Bernardino

The CA HAZNET database contains 50 additional records for this site.
Please click [here](#) or contact your EDR Account Executive for more information.

CORTESE:

Reg Id: 083601787T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SOUTHERN CALIFORNIA GAS CO \ (Continued\)

EDR ID Number
EPA ID Number

Database(s)

S102437825

H39
South
1/4-1/2
1618 ft.

QUALITY PLATING INC
456 SO. I ST
SAN BERNARDINO, CA 92410

CERCLIS **1000287419**
FINDS **CAD982360182**

Site 1 of 2 in cluster H

Relative:
Lower

CERCLIS Classification Data:

Actual:
1030 ft.

Site Incident Category: Not reported
Non NPL Status: SI Start Needed
Ownership Status: Private
Contact: Betsy Curnow
Contact Title: Not reported
Contact: Jere Johnson
Contact Title: Not reported

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL
Contact Tel: \ (415) 972-3093

Contact Tel: \ (415) 972-3094

CERCLIS Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT

Completed: 12/01/1987
Completed: 01/29/1990

CERCLIS Site Status:

Low

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System \ (CERCLIS)
Facility Registry System \ (FRS)

H40
South
1/4-1/2
1618 ft.

QUALITY PLATING INC.
456 I
SAN BERNARDINO, CA 92410

Cortese **S105026042**
N/A

Site 2 of 2 in cluster H

Relative:
Lower

CORTESE:

Actual:
1030 ft.

Reg Id: 36340031
Region: CORTESE
Reg By: CALSI

41
North
1/4-1/2
1700 ft.

ALLEN PROPERTY
895 2ND STREET
SAN BERNARDINO, CA 92410

LUST **S105050714**
N/A

Relative:
Higher

State LUST:

Actual:
1061 ft.

Cross Street: I Street
Qty Leaked: Not reported
Case Number: 083603805T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: No Action
Review Date: 02/09/2001
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported

Confirm Leak: 02/09/2001
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ALLEN PROPERTY \Continued

S105050714

Release Date: 02/23/2001
Cleanup Fund Id : Not reported
Discover Date : 02/08/2001
Enforcement Dt : Not reported
Enf Type: NOV
Enter Date : / /
Funding: Not reported
Staff Initials: JC3
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 2001007
Beneficial: Not reported
Staff : RS
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : Not reported
Stop Date : 02/08/2001
Work Suspended :Not reported
Responsible Party:MICHAEL AND BRENDA ALLEN
RP Address: Not reported
Global Id: T0607199300
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	I Street
Substance:	8006619		
Regional Board:	08		
Local Case Num:	2001007		
Facility Status:	Pollution Characterization		
Staff:	ROSE SCOTT		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	2/9/01	Confirm Leak:	2/9/01
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALLEN PROPERTY \Continued

S105050714

Close Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 02/08/2001
Enforcement Dt : Not reported
Enf Type: NOV
Enter Date : / /
Funding: Not reported
Staff Initials: JC3
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.102621 / -117.303156
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :Not reported
Responsible PartyMICHAEL AND BRENDA ALLEN
Well name: Not reported
Distance From Lust: 993.4971839827584705045221182
Waste Disch Global Id: Not reported
MTBE Class: *
Waste Disch Assigned Name: Not reported
Case Type: Soil only
Global ID: T0607199300
How Stopped Date: 02/08/2001
Organization Name: Not reported
Contact Person: Not reported
RP Address: Not reported
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083603805T
Water System Name: Not reported
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: POLLUTION CHARACTERIZATION
Substance: GASOLINE
Staff: ROSE SCOTT
Case Type: S
Summary: Haz Mat incident report filed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

42
NNW
1/4-1/2
1734 ft.

HOAK BROS PLATING
939 W 2ND ST
SAN BERNARDINO, CA 92410

HAZNET
Cortese
San Bern. Co. Permit

S102041955
N/A

Relative:
Higher

HAZNET:

Actual:
1062 ft.

Gepaid: CAL000009342
TSD EPA ID: CAT080022148
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: .9000
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: TIM AND DON HOAK
Telephone: \ (909) 885-2750
Mailing Address: 939 W 2ND ST
SAN BERNARDINO, CA 92410 - 1801
County: San Bernardino
Gepaid: CAL000009342
TSD EPA ID: CAT080033681
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .7297
Waste Category: Liquids with chromium \ (VI) > 500 mg/l
Disposal Method: Recycler
Contact: TIM AND DON HOAK
Telephone: \ (909) 885-2750
Mailing Address: 939 W 2ND ST
SAN BERNARDINO, CA 92410 - 1801
County: San Bernardino
Gepaid: CAL000009342
TSD EPA ID: CAD008252405
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.12
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: TIM HOAK - PRESIDENT
Telephone: \ (909) 885-2750
Mailing Address: 939 W 2ND ST
SAN BERNARDINO, CA 92410 - 1801
County: San Bernardino

CORTESE:

Reg Id: 083601351T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

DEHS Permit:

Facility ID: PT0001327
Facility Status: ACTIVE
Permit Category: Hazmat Handler 0-10 Employees \ (w/Gen Prmtl)
Expiration Date: 08/31/2004

Facility ID: PT0001328
Facility Status: ACTIVE
Permit Category: Generator - 0-10 Employees
Expiration Date: 08/31/2004

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HOAK BROS PLATING \Continued\

EDR ID Number
EPA ID Number

Database(s)

S102041955

43
NNE
1/4-1/2
1829 ft.

TEXACO SERVICE STATION
797 2ND ST
SAN BERNARDINO, CA 92410

LUST
Cortese
S105026066
N/A

Relative:
Higher

State LUST:

Actual:
1059 ft.

Cross Street: H
Qty Leaked: Not reported
Case Number: 083602239T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: 01/27/1993
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 05/11/1994
Release Date: 03/11/1993
Cleanup Fund Id : Not reported
Discover Date : 01/27/1993
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 06/01/1993
Funding: Not reported
Staff Initials: LH6
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: Not reported
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 93007
Beneficial: Not reported
Staff : RS
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 12/09/1994
Stop Date : / /
Work Suspended :Not reported
Responsible Party:TEXACO REFINING & MARKETING
RP Address: 10 UNIVERSAL CITY PLAZA,7TH FLR,UNIVERSAL CITY,CA 91608-7812
Global Id: T0607100274
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1

Confirm Leak: 01/27/1993
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

TEXACO SERVICE STATION \Continued\

S105026066

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	H
Substance:	8006619		
Regional Board:	08		
Local Case Num:	93007		
Facility Status:	Case Closed		
Staff:	ROSE SCOTT		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	1/27/93	Confirm Leak:	1/27/93
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	05/11/1994		
Cleanup Fund Id :	Not reported		
Discover Date :	01/27/1993		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	06/01/1993		
Funding:	Not reported		
Staff Initials:	LH6		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.1082285 / -117.2965765		
Leak Cause:	UNK		
Leak Source:	Not reported		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	UPPER SANTA ANA VALL		
Operator :	Not reported		
Oversight Prgm :	LOP		
Priority :	Not reported		
Work Suspended :	Not reported		
Responsible Party:	TEXACO REFINING & MARKETING		
Well name:	10 TH & J WELL		
Distance From Lust:	2080.913659115614637000879622		
Waste Disch Global Id:	W0607110039		
MTBE Class:	*		
Waste Disch Assigned Name:	036/039-002		
Case Type:	Soil only		
Global ID:	T0607100274		
How Stopped Date:	/ /		
Organization Name:	Not reported		
Contact Person:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TEXACO SERVICE STATION \Continued\

S105026066

RP Address: 10 UNIVERSAL CITY PLAZA,7TH FLR,UNIVERSAL CITY,CA 91608-7812
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083602239T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: ROSE SCOTT
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083602239T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

44
South
1/4-1/2
2126 ft.

SHELL STATION
907 MILL STREET WEST
SAN BERNARDINO, CA 92410

LUST S105791027
N/A

Relative:
Lower

State LUST:

Actual:
1033 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: Not reported
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Aquifer affected
Status: No Action
Review Date: Not reported
Workplan: Not reported
Pollution Char: 3/10/03
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 01/27/2003
Cleanup Fund Id : Not reported
Discover Date : 01/27/2003
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : / /
Funding: Not reported
Staff Initials: CR2
How Discovered: SAS
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 2003006
Beneficial: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: 3/10/03

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SHELL STATION \Continued

S105791027

Staff : CAB
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm : Not reported
Review Date : Not reported
Stop Date : / /
Work Suspended : Not reported
Responsible Party : BRAD BOSCHETTO
RP Address : 2225 ONTARIO STREET
Global Id : T0607136728
Org Name : Not reported
Contact Person : Not reported
MTBE Conc : 0
Mtbe Fuel : 1
Water System Name : Not reported
Well Name : Not reported
Distance To Lust : 0
Waste Discharge Global ID : Not reported
Waste Disch Assigned Name : Not reported

LUST Region 8:

Region :	8	Cross Street :	Not reported
Substance :	8006619		
Regional Board :	08		
Local Case Num :	2003006		
Facility Status :	Remediation Plan		
Staff :	CARL BERHHARDT		
Lead Agency :	Local Agency		
Local Agency :	36000L		
Qty Leaked :	Not reported		
County :	San Bernardino		
Review Date :	Not reported	Confirm Leak :	Not reported
Workplan :	Not reported	Prelim Assess :	Not reported
Pollution Char :	3/10/03	Remed Plan :	3/10/03
Remed Action :	Not reported	Monitoring :	Not reported
Close Date :	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	01/27/2003		
Enforcement Dt :	Not reported		
Enf Type :	Not reported		
Enter Date :	/ /		
Funding :	Not reported		
Staff Initials :	CR2		
How Discovered :	SAS		
How Stopped :	Not reported		
Interim :	Not reported		
Lat/Lon :	0 / 0		
Leak Cause :	UNK		
Leak Source :	UNK		
Beneficial :	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHELL STATION (Continued\)

EDR ID Number
EPA ID Number

Database(s)

S105791027

Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm : Not reported
Priority : Not reported
Work Suspended :Not reported
Responsible Party:BRAD BOSCHETTO
Well name: Not reported
Distance From Lust: Not reported
Waste Disch Global Id: Not reported
MTBE Class: *
Waste Disch Assigned Name: Not reported
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607136728
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: 2225 ONTARIO STREET
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: Not reported
Water System Name: Not reported
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: REMEDIAITON PLAN SUBMITTED
Substance: GASOLINE
Staff: CARL BERHHARDT
Case Type: A
Summary: Not reported

45
NE
1/4-1/2
2151 ft.

**702 WEST 2ND ST.
SAN BERNADINO, CA**

**CHMIRS S105630326
N/A**

**Relative:
Higher**

CHMIRS:

**Actual:
1050 ft.**

OES Control Number: 29988
Chemical Name: DIESEL
Extent of Release: Not reported
Property Use: Not reported
Incident Date: Not reported
Date Completed: Not reported
Time Completed : Not reported
Agency Id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 29988
Time Notified : Not reported
Surrounding Area : Not reported
Estimated Temperature : Not reported
Property Management : Not reported
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personel # Of Injuries : UNKNOWN

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

\(Continued\)

S105630326

Responding Agency Personnel # Of Fatalities : UNKNOWN
Resp Agency Personnel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : Not reported
Report Date : Not reported
Comments : Not reported
Facility Telephone Number : Not reported
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : S/S
Cleanup By : F.D.
Containment : NO
What Happened : CUSTOMER
Type : PETROLEUM
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported
Date/Time : 2/15/93/1745
Evacuations : UNKNOWN

46
North
1/4-1/2
2395 ft.

PHIL'S BURGER & DRUMS
835 E. 3RD STREET
SAN BERNARDINO, CA 92410

CERCLIS 1005440858
CAN000905906

Relative:
Higher

CERCLIS Classification Data:

Site Incident Category: Not reported
Non NPL Status: Removal Only Site \((No Site Assessment Work Needed)\)
Ownership Status: Not reported
Contact: Jere Johnson
Contact Title: Not reported
Contact: Richard Martyn
Contact Title: Not reported
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Contact Tel: \((415) 972-3094\)
Contact Tel: \((415) 972-3038\)

Actual:
1082 ft.

CERCLIS Assessment History:

Assessment: UNILATERAL ADMIN ORDER
Assessment: PRP REMOVAL
Completed: 05/10/2002
Completed: 06/21/2002

CERCLIS Site Status:
Cleaned up

47
NE
1/4-1/2
2600 ft.

UNOCAL SERVICE STATION #6968
187 NORTH F STREET
SAN BERNARDINO, CA 92401

HAZNET S101301274
LUST N/A
Cortese

Relative:
Higher

State LUST:

Cross Street: 2ND
Qty Leaked: Not reported
Case Number: 083603544T
Reg Board: 8

Actual:
1044 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNOCAL SERVICE STATION #6968 \ (Continued\)

S101301274

Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	0		
Case Type:	Other ground water affected		
Status:	No Action		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	9/9/00	Prelim Assess:	9/9/00
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	Not reported		
Release Date:	05/05/1999		
Cleanup Fund Id :	Not reported		
Discover Date :	02/04/1997		
Enforcement Dt :	9/8/00		
Enf Type:	NOV		
Enter Date :	09/17/1999		
Funding:	Not reported		
Staff Initials:	CR2		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	03/13/2001		
Max MTBE GW :	745 Parts per Billion		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	NOM		
GW Qualifier :	=		
Max MTBE Soil :	116 Parts per Million		
Soil Qualifier :	=		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	RB Lead Underground Storage Tank		
Oversight Prgm :	UST		
Review Date :	10/02/2002		
Stop Date :	/ /		
Work Suspended :	Not reported		
Responsible Party:	G AND M OIL COMPANY		
RP Address:	Not reported		
Global Id:	T0607100599		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	5		
Mtbe Fuel:	1		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		
Cross Street:	2ND STREET		
Qty Leaked:	Not reported		
Case Number	083600279T		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNOCAL SERVICE STATION #6968 \Continued

S101301274

Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Vapor Extraction
Review Date: Not reported
Workplan: Not reported
Pollution Char: 5/22/92
Remed Action: 6/26/95
Monitoring: 11/14/96
Close Date: 06/25/1997
Release Date: 09/21/1987
Cleanup Fund Id : Not reported
Discover Date : 09/21/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 05/18/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 12/01/1995
Max MTBE GW : 5 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 90210
Beneficial: Not reported
Staff : NOM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 06/25/1997
Stop Date : 09/21/1987
Work Suspended :Not reported
Responsible PartyUNOCAL
RP Address: 1432 NORTH MAIN STREET, ORANGE, CA 92667
Global Id: T0607100034
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mbbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL SERVICE STATION #6968 \Continued\

EDR ID Number
EPA ID Number

Database(s)

S101301274

LUST Region 8:

Region: 8
Substance: 8006619 Cross Street: 2ND STREET
Regional Board: 08
Local Case Num: 90210
Facility Status: Case Closed
Staff: NANCY OLSON MARTIN
Lead Agency: Regional Board
Local Agency: 36000L
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Vapor Extraction
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: 5/22/92 Remed Plan: 5/22/92
Remed Action: 11/14/96 Monitoring: 11/14/96
Close Date: 06/25/1997
Cleanup Fund Id : Not reported
Discover Date : 09/21/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 05/18/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Lat/Lon : 34.1064146 / -117.2942784
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : 12/1/95
MTBE Tested : YES
Max MTBE GW : 5
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Work Suspended :Not reported
Responsible PartyUNOCAL
Well name: 10 TH & J WELL
Distance From Lust: 1123.0814409969335065896218479
Waste Disch Global Id: W0607110039
MTBE Class: Not reported
Waste Disch Assigned Name: 036/039-002
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100034
How Stopped Date: 09/21/1987
Organization Name: Not reported
Contact Person: Not reported
RP Address: 1432 NORTH MAIN STREET, ORANGE, CA 92667
MTBE Concentration: 1

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL SERVICE STATION #6968 \Continued\

EDR ID Number
EPA ID Number

Database(s)

S101301274

MTBE Fuel: 1
Case Number: 083600279T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: NANCY OLSON MARTIN
Case Type: A
Summary: GROUNDWATER LEVELS HAVE DROPPED ~25' SINCE 1987. MW'S 1 THROUGH 11 DRY. APPROX. 500 CUBIC YDS OF SOIL EXCAVATED, AERATED, ETC. CONDUCTING SOIL REM. CONFIRMATION SAMPLING & POST-REM. GW MONITORING

HAZNET:

Gepaid: CAL000046666
TSD EPA ID: CAD028409019
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 1.1467
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: \714\ 428-6560
Mailing Address: PO BOX 25376
SANTA ANA, CA 92799 - 5376
County: San Bernardino
Gepaid: CAL000046666
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2293
Waste Category: Oil/water separation sludge
Disposal Method: Not reported
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: \714\ 428-6560
Mailing Address: PO BOX 25376
SANTA ANA, CA 92799 - 5376
County: San Bernardino
Gepaid: CAL000209779
TSD EPA ID: CAD099452708
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2293
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: G AND M OIL COMPANY
Telephone: \714\ 375-4700
Mailing Address: 16868 A ST
HUNTINGTON BEACH, CA 92647
County: San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL SERVICE STATION #6968 \Continued\

EDR ID Number
EPA ID Number

Database(s)

S101301274

Gepaid: CAL000209779
TSD EPA ID: CAD008302903
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0250
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: G AND M OIL COMPANY
Telephone: \714\ 375-4700
Mailing Address: 16868 A ST
HUNTINGTON BEACH, CA 92647
County San Bernardino
Gepaid: CAL000209779
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2293
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: G AND M OIL COMPANY
Telephone: \714\ 375-4700
Mailing Address: 16868 A ST
HUNTINGTON BEACH, CA 92647
County San Bernardino

The CA HAZNET database contains 4 additional records for this site.
Please click [here](#) or contact your EDR Account Executive for more information.

CORTESE:

Reg Id: 083601190T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks
Reg Id: 083600279T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks
Reg Id: 083603544T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

48
NW
1/2-1
2685 ft.
CONOCO \KAYO OIL/ECONO\
1169 2ND ST
SAN BERNARDINO, CA 92410

LUST
Cortese
S105026065
N/A

Relative:
Higher

Actual:
1063 ft.

State LUST:
Cross Street: L STREET
Qty Leaked: Not reported
Case Number 083600133T
Reg Board: 8
Chemical: Chlorinated Hydrocarbons
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Vapor Extraction, Pending

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONOCO (KAYO OIL/ECONO) (Continued)

S105026065

Review Date:	12/20/1985	Confirm Leak:	12/20/1985
Workplan:	6/1/86	Prelim Assess:	6/1/86
Pollution Char:	2/25/87	Remed Plan:	2/25/87
Remed Action:	8/4/92		
Monitoring:	8/9/96		
Close Date:	11/07/1996		
Release Date:	02/06/1986		
Cleanup Fund Id :	Not reported		
Discover Date :	12/20/1985		
Enforcement Dt :	1/1/65		
Enf Type:	None Taken		
Enter Date :	05/12/1987		
Funding:	Not reported		
Staff Initials:	CR2		
How Discovered:	Tank Test		
How Stopped:	Not reported		
Interim :	Yes		
Leak Cause:	Not reported		
Leak Source:	Piping		
MTBE Date :	/ /		
Max MTBE GW :	0 Parts per Billion		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	90216		
Beneficial:	Not reported		
Staff :	PAH		
GW Qualifier :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifier :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	RB Lead Underground Storage Tank		
Oversight Prgm :	UST		
Review Date :	11/07/1996		
Stop Date :	12/20/1985		
Work Suspended :	Not reported		
Responsible Party	CONOCO, INC.		
RP Address:	P.O. BOX 2197, HOUSTON, TX 77079		
Global Id:	T0607100016		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	0		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	0		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 8:

Region:	8	Cross Street:	L STREET
Substance:	142		
Regional Board:	08		
Local Case Num:	90216		
Facility Status:	Case Closed		
Staff:	PATRICIA HANNON		
Lead Agency:	Regional Board		
Local Agency:	36000L		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CONOCO (KAYO OIL/ECONO) (Continued)

S105026065

Abate Method: Remove Free Product - remove floating product from water table,
Excavate and Dispose - remove contaminated soil and dispose in approved
site, Vapor Extraction
Qty Leaked: Not reported
County: San Bernardino
Review Date: 12/20/85
Workplan: 6/1/86
Pollution Char: 2/25/87
Remed Action: 8/9/96
Close Date: 11/07/1996
Cleanup Fund Id : Not reported
Discover Date : 12/20/1985
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 05/12/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Test
How Stopped: Not reported
Interim : Yes
Lat/Lon : 34.1082285 / -117.2965765
Leak Cause: Not reported
Leak Source: Piping
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : UST
Priority : Not reported
Work Suspended :Not reported
Responsible Party:CONOCO, INC.
Well name: 10 TH & J WELL
Distance From Lust: 2080.913659115614637000879622
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 036/039-002
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100016
How Stopped Date: 12/20/1985
Organization Name: Not reported
Contact Person: Not reported
RP Address: P.O. BOX 2197, HOUSTON, TX 77079
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083600133T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: CHLRINATED HC'S
Staff: PATRICIA HANNON

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CONOCO (KAYO OIL/ECONO) (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105026065

Case Type: A
Summary: SOLVENTS FROM SANTA FE RAIL YARD PRESENT IN THE GW.

CORTESE:

Reg Id: 083600133T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

49
NW
1/2-1
3194 ft.

ATCHISON, TOPEKA & SANTA
1170
SAN BERNARDINO, CA 92410

LUST
Cortese
CA SLIC

S101301319
N/A

Relative:
Higher

Actual:
1064 ft.

State LUST:

Cross Street: MT. VERNON
Qty Leaked: Not reported
Case Number: 083601230T
Reg Board: 8
Chemical: Solvents
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: No Action
Review Date: Not reported
Workplan: 7/26/89
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 05/25/1989
Cleanup Fund Id : Not reported
Discover Date : 05/18/1989
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 09/05/1989
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 90095
Beneficial: Not reported
Staff : RLH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST
Oversight Prgm : SLIC
Review Date : 10/04/1996
Stop Date : 05/18/1989
Work Suspended :Not reported

Confirm Leak: Not reported
Prelim Assess: 7/26/89
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ATCHISON, TOPEKA & SANTA (Continued\)

S101301319

Responsible Party: AT., TOPEKA, SANTA FE RAILWAY
RP Address: ONE SANTA FE PLAZE, 5200 E. SHEILA ST., L.A. 90040
Global Id: T0607100141
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	13	Cross Street:	MT. VERNON
Regional Board:	08		
Local Case Num:	90095		
Facility Status:	Pollution Characterization		
Staff:	ROBERT HOLUB		
Lead Agency:	Regional Board		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	7/26/89	Prelim Assess:	7/26/89
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	05/18/1989		
Enforcement Dt :	1/1/65		
Enf Type:	None Taken		
Enter Date :	09/05/1989		
Funding:	Not reported		
Staff Initials:	CR2		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Yes		
Lat/Lon :	34.1082285 / -117.2965765		
Leak Cause:	UNK		
Leak Source:	UNK		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NRQ		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	UPPER SANTA ANA VALL		
Operator :	Not reported		
Oversight Prgm :	SLIC		
Priority :	Not reported		
Work Suspended :	Not reported		
Responsible Party:	AT., TOPEKA, SANTA FE RAILWAY		
Well name:	10 TH & J WELL		
Distance From Lust:	2080.913659115614637000879622		
Waste Disch Global Id:	W0607110039		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ATCHISON, TOPEKA & SANTA (Continued\)

EDR ID Number
EPA ID Number

Database(s)

S101301319

MTBE Class: *
Waste Disch Assigned Name: 036/039-002
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100141
How Stopped Date: 05/18/1989
Organization Name: Not reported
Contact Person: Not reported
RP Address: ONE SANTA FE PLAZE, 5200 E. SHEILA ST., L.A. 90040
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083601230T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: POLLUTION CHARACTERIZATION
Substance: SOLVENTS
Staff: ROBERT HOLUB
Case Type: A
Summary: CHLORINATED SOLVENT IN THE GROUNDWATER GASOLINE, DIESEL

CORTESE:

Reg Id: 083601230T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

SLIC Region 8:

Facility ID: 197
Type: Soil and Groundwater
Region: 8
Facility Status: Additional Characterization Underway
Lead Agency: Regional Board
Cross Street: Not reported
Sub Release: SOLVENT,TPH
Staff: Robert Holub, Tel 909-782-3298, SLIC
Location Code: Not reported
Thomas Bros map: Not reported
Program: SLIC
CAO Number: Not reported
ACL Number: Not reported
Permit Number: Not reported
Complexity: Not reported
Comments: APPROVAL HAS BEEN GIVEN FOR PHASE II WORKPLAN AND SAMPLING PLAN, FINAL REPORT DUE 7/92

50
SSE
1/2-1
3367 ft.

RETAIL DELIVERY SYSTEMS
737 COLLEGE DR
SAN BERNARDINO, CA 92415

Cortese **S105032445**
N/A

Relative:
Lower

CORTESE:

Actual:
1019 ft.

Reg Id: 083600797T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

51
SE
1/2-1
3452 ft.

P & M SERVICE STN #937
501 INLAND CENTER DR
SAN BERNARDINO, CA 92408

LUST
Cortese
CA FID UST

S101590927
N/A

Relative:
Lower

Actual:
1007 ft.

State LUST:

Cross Street: MILL
Qty Leaked: Not reported
Case Number: 083600535T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: No Action
Abate Method: Remove Free Product - remove floating product from water table
Review Date: 07/20/1987
Workplan: Not reported
Pollution Char: 12/11/02
Remed Action: 12/3/02
Monitoring: Not reported
Close Date: Not reported
Release Date: 07/20/1987
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 07/20/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Not reported
How Stopped: Not reported
Interim : Yes
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 03/05/1998
Max MTBE GW : 100 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TME
GW Qualifier : =
Max MTBE Soil : 97.1 Parts per Million
Soil Qualifier : =
Hydr Basin #: Not reported
Operator : CALIFORNIA TARGET ENTERPRISES
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 09/12/2002
Stop Date : / /
Work Suspended : Not reported
Responsible Party: PAGLIUSO LANDS
RP Address: 3619 VAN BUREN BLVD., RIVERSIDE, CA 92503
Global Id: T0607100051
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtb Fuel: 1

Confirm Leak: 07/20/1987
Prelim Assess: Not reported
Remed Plan: 12/11/02

MAP FINDINGS

S101590927

TC1074387.3s Page 52

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

P & M SERVICE STN #937 \ (Continued\)

EDR ID Number
EPA ID Number

Database(s)

S101590927

Contact Person: Not reported
RP Address: 3619 VAN BUREN BLVD., RIVERSIDE, CA 92503
MTBE Concentration: 2
MTBE Fuel: 1
Case Number: 083600535T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: REMEDIAITON PLAN SUBMITTED
Substance: GASOLINE
Staff: TOM MBEKE-EKANEM
Case Type: A
Summary: 10/96 CA TARGET ENTER. BANKRUPT. PROP OWNER NOW RP- PAGLIUSO LANDS. STATION IS STILL ACTIVE AND BEING OPERATED BY G & M OIL. GW SAMPLES 3/5/98 MAX TPH 22,000 PPM, B 470, T 704, E 410, MTBE 100

CORTESE:

Reg Id: 083602603T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 083600535T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	36000253	Regulate ID:	00021947
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	12739 LAKEWOOD BLVD		
	SAN BERNARDINO, CA 92408		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

52
North
1/2-1
3852 ft.

INCO SERVICE STATION
796 5TH ST
SAN BERNARDINO, CA 92410

LUST
Cortese

S104160779
N/A

Relative:
Higher

State LUST:

Actual:
1079 ft.

Cross Street:	H STREET		
Qty Leaked:	Not reported		
Case Number	083601874T		
Reg Board:	8		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	0		
Case Type:	Soil only		
Status:	No Action		
Review Date:	12/19/1990	Confirm Leak:	12/19/1990
Workplan:	2/7/91	Prelim Assess:	2/7/91
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported		
Monitoring:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

INCO SERVICE STATION (Continued)

S104160779

Close Date: Not reported
Release Date: 06/18/1991
Cleanup Fund Id : Not reported
Discover Date : 12/19/1990
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 07/03/1991
Funding: Not reported
Staff Initials: Not reported
How Discovered: OM
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 91009
Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 07/05/1991
Stop Date : / /
Work Suspended :Not reported
Responsible Party:INCO
RP Address: 796 WEST 5TH STREET, SAN BERNARDINO, CA 92410
Global Id: T0607100231
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	8006619	Cross Street:	H STREET
Regional Board:	08		
Local Case Num:	91009		
Facility Status:	Pollution Characterization		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	12/19/90	Confirm Leak:	12/19/90
Workplan:	2/7/91	Prelim Assess:	2/7/91
Pollution Char:	Not reported	Remed Plan:	Not reported

MAP FINDINGS

EDR ID Number
EPA ID Number

S104160779

Monitoring: Not reported

083601874T

CORTESI

Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INCO SERVICE STATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104160779

53
ESE
1/2-1
3983 ft.

JACKS DISPOSAL SERVICE
380 OAK ST
SAN BERNARDINO, CA 92401

LUST
Cortese
S104757590
N/A

Relative:
Lower

State LUST:

Actual:
1002 ft.

Cross Street: ARROWHEAD
Qty Leaked: Not reported
Case Number: 083603050T
Reg Board: 8
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Leak being confirmed
Review Date: 05/21/1997
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 08/11/1997
Cleanup Fund Id : Not reported
Discover Date : 05/21/1997
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 09/19/1997
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 97048
Beneficial: Not reported
Staff : NOM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 09/19/1997
Stop Date : / /
Work Suspended :Not reported
Responsible Party:JACKS DISPOSAL SERVICE
RP Address: P.O. BOX 141 SAN BERNARDINO, CA 92401
Global Id: T0607100452
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0

Confirm Leak: 05/21/1997
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACKS DISPOSAL SERVICE (Continued)

S104757590

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12034
Regional Board: 08
Local Case Num: 97048
Facility Status: Leak being confirmed
Staff: NANCY OLSON MARTIN
Lead Agency: Local Agency
Local Agency: 36000L
Qty Leaked: Not reported
County: San Bernardino
Review Date: 5/21/97
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 05/21/1997
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 09/19/1997
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.0940351 / -117.2909892
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended : Not reported
Responsible Party: JACKS DISPOSAL SERVICE
Well name: MILL AND D STREET WELL 182
Distance From Lust: 1158.0826972587442563793585871
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-10N06 S
Case Type: Soil only
Global ID: T0607100452
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported

Cross Street: ARROWHEAD

Confirm Leak: 5/21/97
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

JACKS DISPOSAL SERVICE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104757590

RP Address: P.O. BOX 141 SAN BERNARDINO, CA 92401
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083603050T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: LEAK BEING CONFIRMED
Substance: DIESEL
Staff: NANCY OLSON MARTIN
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083603050T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

54
East
1/2-1
4029 ft.

GALLAGHER BEAUTY & BARBER
190 ARROWHEAD
SAN BERNARDINO, CA 92405

LUST **S102430583**
Cortese **N/A**

Relative:
Lower

State LUST:

Actual:
1013 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 083602240T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Aquifer affected
Status: Case Closed
Review Date: 03/10/1993
Workplan: 4/2/93
Pollution Char: Not reported
Remed Action: 2/24/94
Monitoring: Not reported
Close Date: 06/27/1996
Release Date: 03/10/1993
Cleanup Fund Id : Not reported
Discover Date : 03/04/1993
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 06/01/1993
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 93011
Beneficial: Not reported

Confirm Leak: 03/10/1993
Prelim Assess: 4/2/93
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GALLAGHER BEAUTY & BARBER (Continued)

S102430583

Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin # : Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 06/01/1993
Stop Date : / /
Work Suspended : Not reported
Responsible Party: JERRY GALLAHER
RP Address: 3970 OXFORD LN., SAN BERNARDINO, CA 92404
Global Id: T0607100275
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	Not reported
Substance:	8006619		
Regional Board:	08		
Local Case Num:	93011		
Facility Status:	Case Closed		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	3/10/93	Confirm Leak:	3/10/93
Workplan:	4/2/93	Prelim Assess:	4/2/93
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	06/27/1996		
Cleanup Fund Id :	Not reported		
Discover Date :	03/04/1993		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	06/01/1993		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.0986129 / -117.2898162		
Leak Cause:	Corrosion		
Leak Source:	Tank		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GALLAGHER BEAUTY & BARBER (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102430583

Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :Not reported
Responsible PartyJERRY GALLAHER
Well name: 10 TH & J WELL
Distance From Lust: 2116.4253934524481824993843729
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 036/039-002
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100275
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: 3970 OXFORD LN., SAN BERNARDINO, CA 92404
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083602240T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: VALERIE JAHN
Case Type: A
Summary: Not reported

CORTESE:

Reg Id: 083602240T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

55
SSE
1/2-1
4037 ft.

LEVITZ FURNITURE
736 INLAND CENTER DR.
SAN BERNARDINO, CA 92415

LUST **S102865840**
Cortese **N/A**

Relative:
Lower

State LUST:

Actual:
1015 ft.

Cross Street: Not reported
Qty Leaked: Not reported
Case Number 083602715T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Aquifer affected
Status: No Action
Review Date: 10/11/1995
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 10/16/1995
Confirm Leak: 10/11/1995
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LEVITZ FURNITURE (Continued)

S102865840

Cleanup Fund Id : Not reported
Discover Date : 10/11/1995
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/13/1995
Funding: Not reported
Staff Initials: Not reported
How Discovered: OM
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 95053
Beneficial: Not reported
Staff : CAB
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 10/24/1995
Stop Date : 10/11/1995
Work Suspended :Not reported
Responsible Party:LEVITZ FURNITURE
RP Address: 736 INLAND CENTER DR., SAN BERNARDINO, CA 92415-0160
Global Id: T0607100391
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	Not reported
Substance:	8006619		
Regional Board:	08		
Local Case Num:	95053		
Facility Status:	Pollution Characterization		
Staff:	CARL BERHHARDT		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	10/11/95	Confirm Leak:	10/11/95
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

LEVITZ FURNITURE (Continued)

S102865840

Cleanup Fund Id : Not reported
Discover Date : 10/11/1995
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/13/1995
Funding: Not reported
Staff Initials: Not reported
How Discovered: OM
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.0871763 / -117.2991715
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :Not reported
Responsible PartyLEVITZ FURNITURE
Well name: MILL AND D STREET WELL 182
Distance From Lust: 2812.525872861525836058998971
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-10N06 S
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100391
How Stopped Date: 10/11/1995
Organization Name: Not reported
Contact Person: Not reported
RP Address: 736 INLAND CENTER DR., SAN BERNARDINO, CA 92415-0160
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083602715T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: POLLUTION CHARACTERIZATION
Substance: GASOLINE
Staff: CARL BERHHARDT
Case Type: A
Summary: Not reported

CORTESE:

Reg Id: 083602715T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LEVITZ FURNITURE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102865840

56
East
1/2-1
4118 ft.

MORRISON HOPE, INC.
205 ARROWHEAD AVE
SAN BERNARDINO, CA 92408

LUST
Cortese
1000362896
N/A

Relative:
Lower

State LUST:

Actual:
1012 ft.

Cross Street: REDICK
Qty Leaked: Not reported
Case Number: 083602140T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: 10/13/1992
Workplan: 11/3/92
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 01/08/1993
Release Date: 11/03/1992
Cleanup Fund Id : Not reported
Discover Date : 10/13/1992
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 10/09/1992
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 92057
Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : HAROLD E. WILSON
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 04/20/1993
Stop Date : 10/13/1992
Work Suspended :Not reported
Responsible Party:BLANK RP
RP Address: 205 S. ARROWHEAD SAN BERNARDINO, CA 92408
Global Id: T0607100262
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1

Confirm Leak: 10/13/1992
Prelim Assess: 11/3/92
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MORRISON HOPE, INC. (Continued)

1000362896

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	REDICK
Substance:	8006619		
Regional Board:	08		
Local Case Num:	92057		
Facility Status:	Case Closed		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	10/13/92	Confirm Leak:	10/13/92
Workplan:	11/3/92	Prelim Assess:	11/3/92
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	01/08/1993		
Cleanup Fund Id :	Not reported		
Discover Date :	10/13/1992		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	10/09/1992		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.0982709 / -117.2895482		
Leak Cause:	UNK		
Leak Source:	UNK		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	UPPER SANTA ANA VALL		
Operator :	HAROLD E. WILSON		
Oversight Prgm :	LOP		
Priority :	Not reported		
Work Suspended :	Not reported		
Responsible Party:	BLANK RP		
Well name:	MILL AND D STREET WELL 182		
Distance From Lust:	2226.601248340070633383483577		
Waste Disch Global Id:	W0607110039		
MTBE Class:	*		
Waste Disch Assigned Name:	01S/04W-10N06 S		
Case Type:	Soil only		
Global ID:	T0607100262		
How Stopped Date:	10/13/1992		
Organization Name:	Not reported		
Contact Person:	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MORRISON HOPE, INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000362896

RP Address: 205 S. ARROWHEAD SAN BERNARDINO, CA 92408
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083602140T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: VALERIE JAHN
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083602140T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

57
ENE
1/2-1
4138 ft.

SAN BERNARDINO GAS LIGHT CO.
220-240 ARROWHEAD AVE.
SAN BERNARDINO, CA 92410

Coal Gas **G000000909**
N/A

Relative:
Lower

COAL GAS SITE DESCRIPTION:

San Bernardino Gas Works is located on west side of Arrowhead Ave. between 3rd ets. 1888, same location, additional gas holder. By 1894, site called San Bern and Gas Co. 1906. San Bernardino Gas and Electric Co. Gas Works is on site. By fornia Edison Gas Co. owns site. 1941, Electrical Contractor is on site.

Actual:
1031 ft.

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58
ESE
1/2-1
4215 ft.

ARMORED TRANSPORT OF CA.,
372
SAN BERNARDINO, CA 92408

LUST **S101301264**
Cortese **N/A**

Relative:
Lower

State LUST:

Cross Street: MILL
Qty Leaked: Not reported
Case Number: 083600053T
Reg Board: 8
Chemical: Diesel
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: Post remedial action monitoring
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 12/3/87
Close Date: Not reported
Release Date: 03/13/1987
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ARMORED TRANSPORT OF CA., (Continued)

S101301264

Enf Type: Not reported
Enter Date : 04/03/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 90204
Beneficial: Not reported
Staff : TME
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 03/30/1990
Stop Date : / /
Work Suspended :Not reported
Responsible Party:ARMORED TRANSPORT OF CA., INC.
RP Address: 372 SOUTH ARROWHEAD AVENUE, SAN BERNARDINO, CA 92408
Global Id: T0607100011
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12034
Regional Board: 08
Local Case Num: 90204
Facility Status: Post remedial action monitoring
Staff: TOM MBEKE-EKANEM
Lead Agency: Regional Board
Local Agency: 36000L
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: 12/3/87
Close Date: Not reported
Cleanup Fund Id : Not reported

Cross Street: MILL

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: 12/3/87

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ARMORED TRANSPORT OF CA., (Continued)

S101301264

Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 04/03/1987
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.0944791 / -117.2897952
Leak Cause: Not reported
Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LUST
Priority : Not reported
Work Suspended :Not reported
Responsible PartyARMORED TRANSPORT OF CA., INC.
Well name: MILL AND D STREET WELL 182
Distance From Lust: 1528.3074896590673253698511907
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-10N06 S
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100011
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: 372 SOUTH ARROWHEAD AVENUE, SAN BERNARDINO, CA 92408
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083600053T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: POST REMEDIAL ACTION MONITORING
Substance: DIESEL
Staff: TOM MBEKE-EKANEM
Case Type: A
Summary: WELLS AT THE SITE WERE TO BE MONITORED QUARTERLY FOR A YEAR AND AFTER A YEAR
SITE WOULD BE REEVALUATED FOR CLOSURE.

CORTESE:

Reg Id: 083600053T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARMORED TRANSPORT OF CA., \Continued\

EDR ID Number
EPA ID Number

Database(s)

S101301264

59 SO CAL GAS/SAN BERNARDINO
ENE NW CNR OF 2ND / ARROWHE
1/2-1 SAN BERNARDINO, CA 92401
4240 ft.

Cortese S100714911
VCP N/A

Relative:
Lower

VCP:

Actual:
1024 ft.

Facility ID 36490111
Dtsc Region Code : 4
Region Code Definition : CYPRESS
County Code : 36
Site Name Under : SO CAL GAS - SAN BERNARDINO
Current Status Date : 10032000
Current Status Code : VCP
Current Status : VOLUNTARY CLEANUP PROGRAM
Lead Agency Code : DTSC
Lead Agency : DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code : VCP
Site Type : VOLUNTARY CLEANUP PROGRAM
National Priorities List : N
Tier : Not reported
Source Of Funding Code : C
Staff Member : SSAYED
Supervisor : Not reported
Sic Code : 49
Sic Code Definition : ELECTRIC, GAS & SANITARY SERVICES
Site Mitigatn & Brnfls Reuse Prog \SMBR\ Code : SB
SMBR Branch : SO CAL - CYPRESS
Regional Water Quality Control Board : SA
RWQCB Definition : SANTA ANA
Site Access Controlled : U
Listed In Haz Wst & Substncs Sites List \CORTES\ Not reported
Date Hazard Ranked : Not reported
GW Contamination Suspected : Not reported
Of Sources Contributing To Contamination : 0.00000
Lat/Long : 0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
Direction Lat : Not reported
Direction Long : Not reported
Lat/long Method : Not reported
Entity Lat/long Coordinates Refer To : Not reported
State Assembly Distt Code : 63
State Senate Distt Code : 31
Identifying Code: CSTAR
ID Value: 400484-11
Other ID Desc: CALSTARS CODE
Alternate Name(s): TOWN GAS SITE 1 - SAN BERNARDINO
Alternate Name(s): SO CAL GAS - SAN BERNARDINO
Alternate Name(s): SO CAL GAS/SAN BERNARDINO 1 \ARROWHEAD\
Alternate Name(s): SOUTHERN CALIFORNIA GAS COMPANY
Alternate Name(s): SOUTHERN CALIFORNIA GAS
Address(es) : NW CNR OF 2ND AND ARROWHEAD ST.
SAN BERNARDINO, CA 92401
Background Info : This is a one acre site located in the civic center area.
The site is currently occupied by office buildings and parking lots. There exists no potential for direct exposure to soils on the site. No visible residues, odors or structures from the former MGP remain.
Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

SO CAL GAS/SAN BERNARDINO \Continued)

S100714911

Facility Id :	36490111
AWP Activities Code :	1.00000
DTSC Site Activity Code :	ORDER
Activity Code Def:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	08201993
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36490111
AWP Activities Code :	2.00000
DTSC Site Activity Code :	PEA
Activity Code Def:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Activity Id :	Not reported
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	08291994
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36490111
AWP Activities Code :	3.00000
DTSC Site Activity Code :	ORDER
Activity Code Def:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id :	VCA
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	10032000
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36490111
AWP Activities Code :	4.00000
DTSC Site Activity Code :	RAW
Activity Code Def:	REMOVAL ACTION WORKPLAN
AWP Activity Id :	VCA
Dt Activity Due For Completion :	Not reported
Revised Due Date :	Not reported
Date Activity Completed :	08132001
Est # Of Person-years To Complete :	0.00000

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

SO CAL GAS/SAN BERNARDINO \ (Continued)

S100714911

Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36490111
AWP Activities Code :	5.00000
DTSC Site Activity Code :	RA
Activity Code Def:	REMOVAL ACTION
AWP Activity Id :	OU1
Dt Activity Due For Completion :	07302002
Revised Due Date :	08302003
Date Activity Completed :	07302003
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	1600.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36490111
AWP Activities Code :	6.00000
DTSC Site Activity Code :	RAW
Activity Code Def:	REMOVAL ACTION WORKPLAN
AWP Activity Id :	OU2
Dt Activity Due For Completion :	12312003
Revised Due Date :	07312004
Date Activity Completed :	Not reported
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	Not reported
Facility Id :	36490111
AWP Activities Code :	7.00000
DTSC Site Activity Code :	CERT
Activity Code Def:	CERTIFICATION
AWP Activity Id :	OU1
Dt Activity Due For Completion :	03312003
Revised Due Date :	Not reported
Date Activity Completed :	Not reported
Est # Of Person-years To Complete :	0.00000
Est. Size Of An Activity Code :	Not reported
Site Status When Activity Commitment Made :	VCP
Status Code Definition :	VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion :	0.00000
Gallons Of Liquid Removed Upon Completion :	0.00000
Cubic Yards Of Solids Treated Upon Completion :	0.00000
Actvty Deleted Via Commitmnt/Completns Screen :	X
Facility Id :	36490111
AWP Activities Code :	8.00000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SO CAL GAS/SAN BERNARDINO \Continued\

EDR ID Number
EPA ID Number

Database(s)

S100714911

DTSC Site Activity Code : RA
Activity Code Def: REMOVAL ACTION
AWP Activity Id : OU2
Dt Activity Due For Completion : Not reported
Revised Due Date : 01302005
Date Activity Completed : Not reported
Est # Of Person-years To Complete : 0.00000
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0.00000
Gallons Of Liquid Removed Upon Completion : 0.00000
Cubic Yards Of Solids Treated Upon Completion : 0.00000
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 36490111
AWP Activities Code : 9.00000
DTSC Site Activity Code : CERT
Activity Code Def: CERTIFICATION
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : 06302005
Date Activity Completed : Not reported
Est # Of Person-years To Complete : 0.00000
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VCP
Status Code Definition : VOLUNTARY CLEANUP PROGRAM
Cubic Yards Of Solids Removed At Completion : 0.00000
Gallons Of Liquid Removed Upon Completion : 0.00000
Cubic Yards Of Solids Treated Upon Completion : 0.00000
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Special Program Code: TOWN
Special Program : TOWN GAS
Comments Date : 07012002
Comments :
The removal of contaminated soil has been completed and a
Removal Action Report has been submitted.
DTSC approved the phase Final Removal Action Workplan.
Notice of exemption for CEQA was approved.
Based on the PEA, further investigation is warranted.
Low priority.
DTSC entered into a Voluntary Cleanup Agreement \Agreement\
\Docket No. HSA-A 00/01-026\ with Southern California Gas Company
and Southern California Edison \Proponent\). The purpose of this
Agreement is for the Proponent to conduct a Site Investigation to
further characterize the existing soil contamination and, if
necessary, to prepare a removal action workplan and implement a
removal action under the oversight of DTSC. If appropriate, the
Proponent has agreed to implement a deed restriction for the Site

CORTESE:

Reg Id: 36490111
Region: CORTESE
Reg By: CALSI

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

60
ENE
1/2-1
4432 ft.

UNOCAL #2281
300 3RD ST
SAN BERNARDINO, CA 92405

Database(s)
EPA ID Number

LUST
Cortese
S101301312
N/A

Relative:
Lower

Actual:
1038 ft.

State LUST:

Cross Street: ARROWHEAD
Qty Leaked: Not reported
Case Number: 083600857T
Reg Board: 8
Chemical: Unleaded Gasoline
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Vapor Extraction
Review Date: Not reported
Workplan: Not reported
Pollution Char: 2/2/93
Remed Action: 8/30/94
Monitoring: Not reported
Close Date: 12/21/1998
Release Date: 03/31/1988
Cleanup Fund Id : Not reported
Discover Date : 03/24/1987
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 05/10/1988
Funding: Not reported
Staff Initials: CR2
How Discovered: OM
How Stopped: Not reported
Interim : Yes
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 01/15/1997
Max MTBE GW : 15 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : 90218
Beneficial: Not reported
Staff : NOM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : KISS, WILLIAM R.
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 12/21/1998
Stop Date : / /
Work Suspended :Not reported
Responsible Party:UNOCAL
RP Address: 376 S. VALENCIA AVE., BREA 92621
Global Id: T0607100091
Org Name: Not reported
Contact Person: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: 2/2/93

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

UNOCAL #2281 (Continued)

S101301312

MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12031
Regional Board: 08
Local Case Num: 90218
Facility Status: Case Closed
Staff: NANCY OLSON MARTIN
Lead Agency: Regional Board
Local Agency: 36000L
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Vapor Extraction
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: 2/2/93
Remed Action: Not reported
Close Date: 12/21/1998
Cleanup Fund Id : Not reported
Discover Date : 03/24/1987
Enforcement Dt : 1/1/65
Enf Type: None Taken
Enter Date : 05/10/1988
Funding: Not reported
Staff Initials: CR2
How Discovered: OM
How Stopped: Not reported
Interim : Yes
Lat/Lon : 34.1408453 / -117.2970378
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : 1/15/97
MTBE Tested : YES
Max MTBE GW : 15
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : KISS, WILLIAM R.
Oversight Prgm : UST
Priority : Not reported
Work Suspended : Not reported
Responsible Party: UNOCAL
Well name: 27 TH AND ACACIA STREET
Distance From Lust: 682.39366087421545786467015343
Waste Disch Global Id: W0607110039
MTBE Class: Not reported
Waste Disch Assigned Name: 01N/04W-27M02 S

Cross Street: ARROWHEAD

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: 2/2/93
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

UNOCAL #2281 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101301312

Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100091
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: 376 S. VALENCIA AVE., BREA 92621
MTBE Concentration: 1
MTBE Fuel: 1
Case Number: 083600857T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: UNLEAD GASOLINE
Staff: NANCY OLSON MARTIN
Case Type: A
Summary: 2/20/96 - WORK PLAN FOR SUPPLEMENTARY SITE ASSESSMENT. 10/1/96 - MTG. APPROVED
BAT FOR VES AND TO CONDUCT CONFIRMATION SAMPLING AND POST-REMEDIAL MONITORING.

CORTESE:

Reg Id: 083600857T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

61
SE
1/2-1
4574 ft.

GOODYEAR TIRE CENTER
774 E ST
SAN BERNARDINO, CA 92402

LUST S102430887
Cortese N/A

Relative:
Lower

State LUST:

Actual:
999 ft.

Cross Street: CENTRAL
Qty Leaked: Not reported
Case Number: 083600179T
Reg Board: 8
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: No Action
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 07/16/1987
Release Date: 03/31/1987
Cleanup Fund Id : Not reported
Discover Date : 02/24/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 04/06/1987
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: Overfill
Leak Source: Other Source

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GOODYEAR TIRE CENTER (Continued)

S102430887

MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 87051
Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Oversight Prgm : LUST
Review Date : 08/10/1987
Stop Date : 02/24/1987
Work Suspended :Not reported
Responsible PartyGOODYEAR TIRE AND RUBBER CO.
RP Address: 1144 EAST MARKET STREET
Global Id: T0607100023
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12035
Regional Board: 08
Local Case Num: 87051
Facility Status: Pollution Characterization
Staff: VALERIE JAHN
Lead Agency: Local Agency
Local Agency: 36000L
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 07/16/1987
Cleanup Fund Id : Not reported
Discover Date : 02/24/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 04/06/1987
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.0874873 / -117.2940333
Leak Cause: Overfill

Cross Street: CENTRAL

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GOODYEAR TIRE CENTER (Continued)

S102430887

Leak Source: Other Source
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LUST
Priority : Not reported
Work Suspended :Not reported
Responsible Party:KAREN BURLINGAME
Well name: MEEKS & DALEY - 59
Distance From Lust: 1967.9922721637479578413694815
Waste Disch Global Id: W0606510031
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-15L03 S
Case Type: Soil only
Global ID: T0607100023
How Stopped Date: 02/24/1987
Organization Name: Not reported
Contact Person: Not reported
RP Address: 1144 EAST MARKET STREET
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083600179T
Water System Name: RIVERSIDE, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: POLLUTION CHARACTERIZATION
Substance: WASTE OIL
Staff: VALERIE JAHN
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083600179T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

62
ESE
1/2-1
4591 ft.

SAN BERNARDINO FIRE STN.
502 ARROWHEAD
SAN BERNARDINO, CA 92410

LUST **S102436302**
Cortese **N/A**

Relative:
Lower

State LUST:

Actual:
1001 ft.

Cross Street: E STREET
Qty Leaked: Not reported
Case Number 083600794T
Reg Board: 8
Chemical: Regular Gasoline
Lead Agency: Regional Board
Local Agency : 0
Case Type: Aquifer affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SAN BERNARDINO FIRE STN. \ (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102436302

Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 01/04/1990
Release Date: 01/22/1988
Cleanup Fund Id : Not reported
Discover Date : 01/04/1988
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/25/1988
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 90203
Beneficial: Not reported
Staff : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : CHIEF NEWCOMBE
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 02/03/1992
Stop Date : 01/04/1988
Work Suspended :Not reported
Responsible Party:SAN BERNARDINO FIRE DEPARTMENT
RP Address: 200 EAST 3RD STREET, SAN BERNARDINO, CA 92415
Global Id: T0607100081
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12032
Regional Board: 08
Local Case Num: 90203
Facility Status: Case Closed
Staff: PATRICIA HANNON
Lead Agency: Regional Board
Local Agency: 36000L
Cross Street: E STREET

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SAN BERNARDINO FIRE STN. \ (Continued)

S102436302

Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 01/04/1990
Cleanup Fund Id : Not reported
Discover Date : 01/04/1988
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 03/25/1988
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.0920762 / -117.2897862
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : CHIEF NEWCOMBE
Oversight Prgm : UST
Priority : Not reported
Work Suspended :Not reported
Responsible PartySAN BERNARDINO FIRE DEPARTMENT
Well name: MILL AND D STREET WELL 182
Distance From Lust: 1675.3303611655837738252509995
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-10N06 S
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100081
How Stopped Date: 01/04/1988
Organization Name: Not reported
Contact Person: Not reported
RP Address: 200 EAST 3RD STREET, SAN BERNARDINO, CA 92415
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083600794T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: REGULR GASOLINE
Staff: PATRICIA HANNON
Case Type: A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SAN BERNARDINO FIRE STN. \ (Continued)

EDR ID Number
EPA ID Number

Database(s)

Summary: Not reported

CORTESE:

Reg Id: 083600794T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

S102436302

63
East
1/2-1
4836 ft.

SHEPARDSON PROPERTY
328 MOUNTAIN VIEW AVE
SAN BERNARDINO, CA 92408

LUST **S101301288**
Cortese **N/A**

Relative:
Lower

State LUST:

Actual:
1009 ft.

Cross Street: THIRD
Qty Leaked: Not reported
Case Number 083602102T
Reg Board: 8
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: 05/07/1992
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 01/06/1993
Release Date: 07/20/1992
Cleanup Fund Id : Not reported
Discover Date : 05/05/1992
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 09/01/1992
Funding: Not reported
Staff Initials: CR2
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: Tank
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 92026
Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 09/01/1992
Stop Date : 05/07/1992
Work Suspended :Not reported
Responsible PartyJARED SHEPARDSON

Confirm Leak: 05/07/1992
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SHEPARDSON PROPERTY \Continued

S101301288

RP Address: 213 FERNLEAF, CORONA DEL MAR, CA 92625
Global Id: T0607100260
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	THIRD
Substance:	12034		
Regional Board:	08		
Local Case Num:	92026		
Facility Status:	Case Closed		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	5/7/92	Confirm Leak:	5/7/92
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	01/06/1993		
Cleanup Fund Id :	Not reported		
Discover Date :	05/05/1992		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	09/01/1992		
Funding:	Not reported		
Staff Initials:	CR2		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.0956751 / -117.2875341		
Leak Cause:	UNK		
Leak Source:	Tank		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NRQ		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	UPPER SANTA ANA VALL		
Operator :	Not reported		
Oversight Prgm :	LOP		
Priority :	Not reported		
Work Suspended :	Not reported		
Responsible Party:	JARED SHEPARDSON		
Well name:	MILL AND D STREET WELL 182		
Distance From Lust:	2283.7236659815125466274444481		
Waste Disch Global Id:	W0607110039		
MTBE Class:	*		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

SHEPARDSON PROPERTY \Continued

EDR ID Number
EPA ID Number

Database(s)

S101301288

Waste Disch Assigned Name: 01S/04W-10N06 S
Case Type: Soil only
Global ID: T0607100260
How Stopped Date: 05/07/1992
Organization Name: Not reported
Contact Person: Not reported
RP Address: 213 FERNLEAF, CORONA DEL MAR, CA 92625
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083602102T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: DIESEL
Staff: VALERIE JAHN
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083602102T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

64
South
1/2-1
5248 ft.

FAIRCO INC
915 SCENIC DR
SAN BERNARDINO, CA 92408

LUST
Cortese
CA FID UST

S101619546
N/A

Relative:
Lower

State LUST:

Actual:
1024 ft.

Cross Street: INLAND CENTER
Qty Leaked: Not reported
Case Number: 083602034T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 0
Case Type: Aquifer affected
Status: No Action
Review Date: 01/14/1992
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 04/16/1992
Cleanup Fund Id : Not reported
Discover Date : 01/14/1992
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 06/22/1992
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: Corrosion
Leak Source: Tank

Confirm Leak: 01/14/1992
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FAIRCO INC (Continued)

S101619546

MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : 92009
Beneficial: Not reported
Staff : CAB
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : JOHNNY ENOS JR.
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 06/22/1992
Stop Date : 01/14/1992
Work Suspended :Not reported
Responsible PartyFAIRCO INC.
RP Address: 915 SCENIC DR., SAN BERNARDINO, CA 92408
Global Id: T0607100248
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8		
Substance:	8006619	Cross Street:	INLAND CENTER
Regional Board:	08		
Local Case Num:	92009		
Facility Status:	Pollution Characterization		
Staff:	CARL BERHHARDT		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	1/14/92	Confirm Leak:	1/14/92
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	01/14/1992		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	06/22/1992		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.0839734 / -117.3016645		
Leak Cause:	Corrosion		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FAIRCO INC (Continued)

S101619546

Leak Source: Tank
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : JOHNNY ENOS JR.
Oversight Prgm : LOP
Priority : Not reported
Work Suspended : Not reported
Responsible Party: FAIRCO INC.
Well name: MILL AND D STREET WELL 182
Distance From Lust: 4197.8781566375578480390329843
Waste Disch Global Id: W0607110039
MTBE Class: *
Waste Disch Assigned Name: 01S/04W-10N06 S
Case Type: Aquifer used for Drinking Water supply has been contaminated
Global ID: T0607100248
How Stopped Date: 01/14/1992
Organization Name: Not reported
Contact Person: Not reported
RP Address: 915 SCENIC DR., SAN BERNARDINO, CA 92408
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083602034T
Water System Name: SAN BERNARDINO, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: POLLUTION CHARACTERIZATION
Substance: GASOLINE
Staff: CARL BERHHARDT
Case Type: A
Summary: Not reported

CORTESE:

Reg Id: 083602034T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 083603006T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FAIRCO INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

FID:

Facility ID:	36000398	Regulate ID:	00001437
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	915 SCENIC DR		
	SAN BERNARDINO, CA 92408		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

S101619546

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN BERNARDINO	91222148	#5181 - 572 SOUTH MOUNTH VERNON AVE	#5181 - 572 SOUTH MOUNTH VERNON AVE	92410	ERNS
SAN BERNARDINO	S101308124	CALTRANS PANARAMA PT.MAINT.ST.	HWY 18, MILEPOST 15.84	92410	LUST
SAN BERNARDINO	S105082694	HECTOR CERDA	1962 W AVE RIALTO	92410	HAZNET
SAN BERNARDINO	S101591332	UNOCAL #3444	25716 E BASELINE	92410	LUST, Cortese, CA FID UST
SAN BERNARDINO	1003878981	SECCOMBE LAKE STATE REC AREA	7TH ST BETW SERRIA & WATERMAN	92410	CERC-NFRAP
SAN BERNARDINO	S103679012	UNOCAL SERVICE STATION #5961	I-15/HWY 138	92410	HAZNET
SAN BERNARDINO	S104580102	CIRCLE K STORES INC STATION #5700	I-5/HWY 138	92410	HAZNET
SAN BERNARDINO	S100727496	ALTA DENA DAIRY	341 MOUNT VERNON AVE	92410	LUST, Cortese
SAN BERNARDINO	S104750531	ARCO #5181	572 MOUNT VERNON AVE	92410	LUST, Cortese
SAN BERNARDINO	S101591348	SOUTH WESTERN MOTORS	791 N MT VERNON	92410	CA FID UST, San Bern. Co. Permit
SAN BERNARDINO	S104763869		572 S MT VERNON AV	92410	CHMIRS, San Bern. Co. Permit
SAN BERNARDINO	93305252	572 SOUTH MT. VERNON AVE	572 SOUTH MT. VERNON AVE	92410	ERNS
SAN BERNARDINO	S101619559	UNION OIL SERVICE STATION #606	3003 E ST	92410	LUST, Cortese, CA FID UST
SAN BERNARDINO	S104751426	INLAND BEVERAGE COMPANY	223 G ST	92410	LUST, Cortese
SAN BERNARDINO	S105027763	CHEVRON	598 H ST	92410	LUST, Cortese
SAN BERNARDINO COUN	S105631217		HWY 58 2 MI WEST OF HWY 359		CHMIRS, EMI
SAN BERNARDINO COUN	S105629377		RIALTO LILAC STREET		CHMIRS, EMI

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/22/03

Date Made Active at EDR: 08/26/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03

Elapsed ASTM days: 22

Date of Last EDR Contact: 08/04/03

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 06/10/03

Date Made Active at EDR: 08/26/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03

Elapsed ASTM days: 22

Date of Last EDR Contact: 08/04/03

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/11/03

Date Made Active at EDR: 10/29/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03

Elapsed ASTM days: 35

Date of Last EDR Contact: 09/24/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/03
Date Made Active at EDR: 10/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/24/03

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/13/03
Date Made Active at EDR: 09/18/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/22/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 09/08/03

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/03
Date Made Active at EDR: 10/01/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/11/03
Elapsed ASTM days: 20
Date of Last EDR Contact: 09/11/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 10/27/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 10/01/03
Date of Next Scheduled EDR Contact: 12/15/03

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/09/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/08/03

Date of Next Scheduled EDR Contact: 01/05/04

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/22/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03

Date of Next Scheduled EDR Contact: 11/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/25/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/31/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/23/03

Date of Next Scheduled EDR Contact: 01/19/04

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/16/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/27/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/01/03

Date of Next Scheduled EDR Contact: 12/29/03

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/13/03
Date of Next Scheduled EDR Contact: 11/10/03

DOD: Department of Defense Sites

Source: USGS

Telephone: 703-648-5920

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/15/03
Date of Next Scheduled EDR Contact: 11/10/03

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/08/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/21/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03

Date of Next Scheduled EDR Contact: 12/22/03

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01

Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/21/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03

Date of Next Scheduled EDR Contact: 12/22/03

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/31/03

Date Made Active at EDR: 09/17/03

Database Release Frequency: Annually

Date of Data Arrival at EDR: 09/02/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 09/02/03

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 08/31/03

Date Made Active at EDR: 09/17/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/02/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 09/02/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/02

Date Made Active at EDR: 08/07/03

Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/11/03

Elapsed ASTM days: 27

Date of Last EDR Contact: 08/25/03

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 10/27/03

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93

Date Made Active at EDR: 11/19/93

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93

Elapsed ASTM days: 18

Date of Last EDR Contact: 10/20/03

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board

Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95

Date Made Active at EDR: 09/26/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95

Elapsed ASTM days: 27

Date of Last EDR Contact: 08/04/03

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/12/03

Date Made Active at EDR: 10/16/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/15/03

Elapsed ASTM days: 31

Date of Last EDR Contact: 09/15/03

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/12/03

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/25/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 9
Date of Last EDR Contact: 10/14/03

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities

Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/30/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 10/14/03

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03
Date Made Active at EDR: 09/17/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/02/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 09/02/03

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: N/A
Date Made Active at EDR: N/A
Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A
Elapsed ASTM days: 0
Date of Last EDR Contact: N/A

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/11/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/05/04

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 09/22/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/03
Date of Next Scheduled EDR Contact: 12/22/03

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/03
Date of Next Scheduled EDR Contact: 01/05/04

NFA: No Further Action Determination

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Emissions Inventory Data

Source: California Air Resources Board

Telephone: 916-322-2990

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/01

Database Release Frequency: Varies

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/19/04

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency

Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/01

Database Release Frequency: Annually

Date of Last EDR Contact: 08/12/03

Date of Next Scheduled EDR Contact: 11/10/03

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/21/03
Date of Next Scheduled EDR Contact: 11/10/03

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 07/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 05/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/29/03
Date of Next Scheduled EDR Contact: 11/24/03

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 09/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/19/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/03/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 05/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 07/21/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/16/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/13/03
Date of Next Scheduled EDR Contact: 01/12/04

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 12/11/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 07/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/05/04

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/03
Date of Next Scheduled EDR Contact: 11/24/03

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/12/04

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/02/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 06/19/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 05/29/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 07/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/16/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/11/03
Date of Next Scheduled EDR Contact: 11/10/03

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/01/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03

Date of Next Scheduled EDR Contact: 01/26/04

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/20/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Date of Government Version: 09/09/03

Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03

Date of Next Scheduled EDR Contact: 12/08/03

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Date of Government Version: 05/08/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Date of Government Version: 05/29/03

Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03

Date of Next Scheduled EDR Contact: 11/24/03

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-3298

Date of Government Version: 04/01/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Date of Government Version: 09/08/03

Database Release Frequency: Annually

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

234 SOUTH I STREET
234 SOUTH I STREET
SAN BERNADINO, CA 92410

TARGET PROPERTY COORDINATES

Latitude (North):	34.098000 - 34° 5' 52.8"
Longitude (West):	117.303101 - 117° 18' 11.2"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	472040.9
UTM Y (Meters):	3772868.8
Elevation:	1042 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

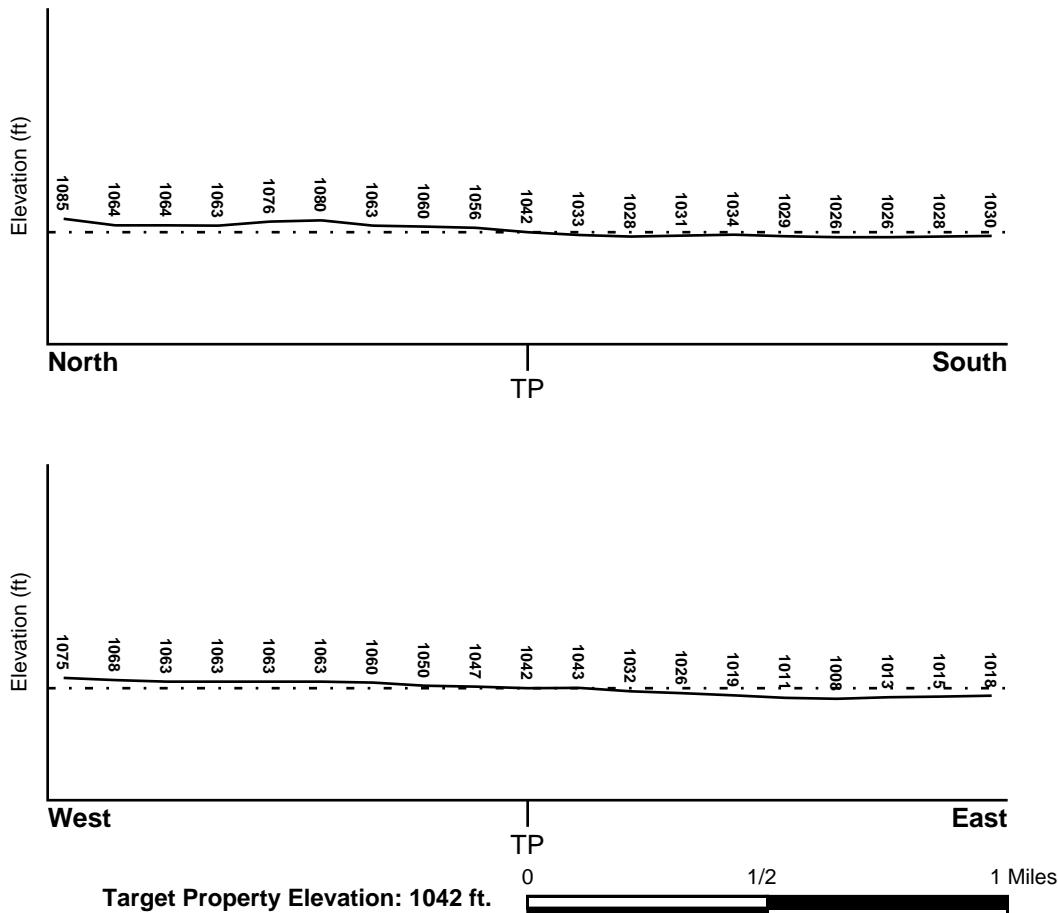
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 2434117-A3 SAN BERNARDINO SOUTH, CA
General Topographic Gradient: General SE
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SAN BERNARDINO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06071C8681F

Additional Panels in search area: 06071C8677F
06071C8683F
06071C8679F

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
NOT AVAILABLE

NWI Electronic
Data Coverage
Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Location Relative to TP: 1/8 - 1/4 Mile East
Site Name: Southwest Metal Co
Site EPA ID Number: CAT000624106
Groundwater Flow Direction: SE ON A REGIONAL BASIS.
Measured Depth to Water: 24.5 feet.
Hydraulic Connection: The surficial and lower aquifers appear to be hydraulically connected because of the absence of clay layers above 300 feet deep.
Sole Source Aquifer: No information about a sole source aquifer is available
Data Quality: Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
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* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
4	1/4 - 1/2 Mile NE	SE
10	1/2 - 1 Mile NW	Not Reported
B12	1/2 - 1 Mile South	Varies
21	1/2 - 1 Mile WSW	SSE
35	1/2 - 1 Mile ESE	SSW
46	1/2 - 1 Mile SW	NNW
55	1/2 - 1 Mile ENE	S
L57	1/2 - 1 Mile South	SE

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	20 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 6.10
2	20 inches	40 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 6.10
3	40 inches	60 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.10
4	60 inches	72 inches	stratified	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 8.40 Min: 6.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: coarse sandy loam
gravelly - loamy fine sand
fine sandy loam
gravelly - loamy sand
loamy sand
cobbly - coarse sandy loam

Surficial Soil Types: coarse sandy loam
gravelly - loamy fine sand
fine sandy loam
gravelly - loamy sand
loamy sand
cobbly - coarse sandy loam

Shallow Soil Types: gravelly - loam
loam
clay loam

Deeper Soil Types: gravelly - sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

cemented

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS0155734	0 - 1/8 Mile SSW
2	USGS0155802	1/8 - 1/4 Mile East
3	USGS0155724	1/4 - 1/2 Mile WSW
5	USGS0155635	1/4 - 1/2 Mile SSW
A6	USGS0155777	1/4 - 1/2 Mile North
A7	USGS0155779	1/2 - 1 Mile North
A8	USGS0155780	1/2 - 1 Mile North
9	USGS0155773	1/2 - 1 Mile NE
11	USGS0155631	1/2 - 1 Mile SW
B13	USGS0155692	1/2 - 1 Mile South
C15	USGS0155813	1/2 - 1 Mile East
C16	USGS0155746	1/2 - 1 Mile East
D17	USGS0155710	1/2 - 1 Mile SW
18	USGS0155697	1/2 - 1 Mile SE
19	USGS0155719	1/2 - 1 Mile WSW
E20	USGS0155829	1/2 - 1 Mile ENE
D22	USGS0155711	1/2 - 1 Mile WSW
23	USGS0155691	1/2 - 1 Mile SE
E24	USGS0155832	1/2 - 1 Mile ENE
F25	USGS0155626	1/2 - 1 Mile SW
26	USGS0155636	1/2 - 1 Mile SW
27	USGS0155709	1/2 - 1 Mile ESE
F28	USGS0155698	1/2 - 1 Mile SW
29	USGS0155620	1/2 - 1 Mile SE
G30	USGS0155781	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
31	USGS0155681	1/2 - 1 Mile South
H32	USGS0155725	1/2 - 1 Mile WSW
33	USGS0155716	1/2 - 1 Mile WSW
H34	USGS0155799	1/2 - 1 Mile West
36	USGS0155718	1/2 - 1 Mile ESE
H37	USGS0155788	1/2 - 1 Mile WSW
I38	USGS0155749	1/2 - 1 Mile West
I47	USGS0155754	1/2 - 1 Mile WNW
G48	USGS0155857	1/2 - 1 Mile NW
49	USGS0155803	1/2 - 1 Mile West
50	USGS0155686	1/2 - 1 Mile SE
J51	USGS0155726	1/2 - 1 Mile WSW
52	USGS0155608	1/2 - 1 Mile SSE
J53	USGS0155789	1/2 - 1 Mile WSW
K54	USGS0155801	1/2 - 1 Mile West
56	USGS0155784	1/2 - 1 Mile WSW
L58	USGS0155660	1/2 - 1 Mile South
59	USGS0155617	1/2 - 1 Mile SE
K60	USGS0155735	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

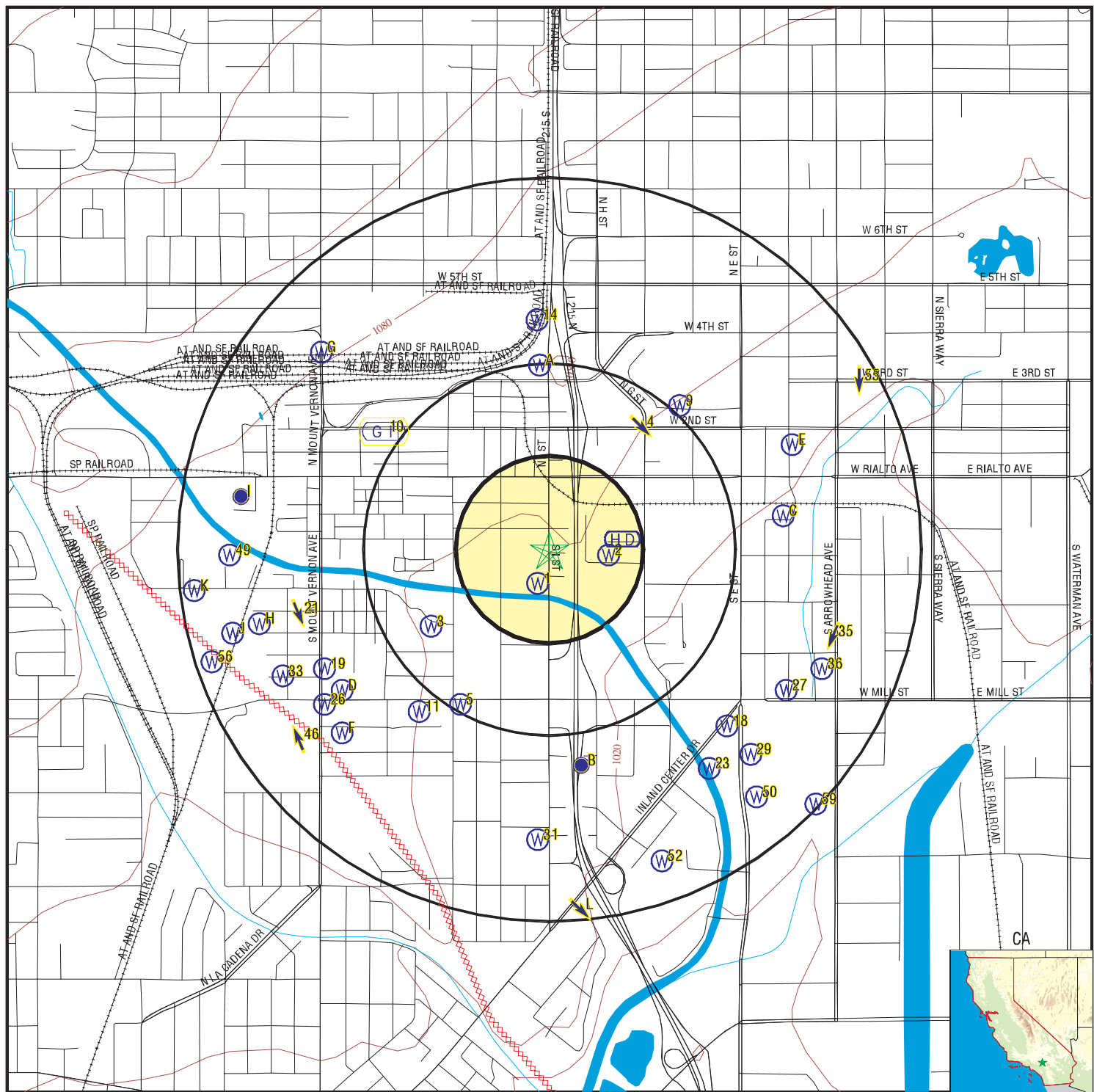
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
14	886	1/2 - 1 Mile North
I39	877	1/2 - 1 Mile West
I40	878	1/2 - 1 Mile West
I41	879	1/2 - 1 Mile West
I42	874	1/2 - 1 Mile West
I43	873	1/2 - 1 Mile West
I44	876	1/2 - 1 Mile West
I45	875	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 1074387.3s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: 234 South I Street
 ADDRESS: 234 South I Street
 CITY/STATE/ZIP: San Bernadino CA 92410
 LAT/LONG: 34.0980 / 117.3031

CUSTOMER: Komex H2O Science
 CONTACT: MARISA FONTANOS
 INQUIRY #: 1074387.3s
 DATE: October 31, 2003 9:02 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSW
0 - 1/8 Mile
Lower

FED USGS USGS0155734

Agency:	USGS	Site ID:	340548117181001
Site Name:	001S004W09K001S		
Dec. Latitude:	34.09668		
Dec. Longitude:	-117.30365		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1038.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19230101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	142		
Hole depth:	142	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
East
1/8 - 1/4 Mile
Lower

FED USGS USGS0155802

Agency:	USGS	Site ID:	340552117175801
Site Name:	001S004W09J001S		
Dec. Latitude:	34.09779		
Dec. Longitude:	-117.30032		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1030.00		
Hydrologic code:	18070203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	19460101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	508		
Hole depth:	508	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 39

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-04-22	107.60		2002-10-31	120.66	
2002-04-08	106.01		2001-10-23	105.06	
2001-04-16	75.17		2000-10-23	96.06	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-04-13	80.61		1999-10-19	88.64	
1999-04-13	51.68		1998-10-20	70.56	
1998-04-15	42.02		1997-10-29	73.02	
1997-04-15	67.54		1996-10-08	85.79	
1996-04-22	62.46		1995-10-23	80.53	
1995-04-19	73.09		1994-10-24	90.96	
1994-04-18	63.97		1993-10-19	83.35	
1993-04-14	68.48		1992-10-28	90.03	
1992-06-17	88.82		1991-11-27	83.75	
1991-06-18	70.26		1990-11-28	50.54	
1990-06-29	60.25		1990-06-25	56.95	
1989-11-27	40.75		1989-09-22	45.70	
1988-11-30	22.46		1988-06-29	34.76	
1988-04-12	24.80		1987-06-18	20.45	
1986-11-21	3.60		1986-06-20	8.08	
1971-05-01	65.00		1968-10-22	87.8	
1951-03-09	0.2				

3

WSW
1/4 - 1/2 Mile
Higher

FED USGS USGS0155724

Agency:	USGS	Site ID:	340542117182801
Site Name:	001S004W09P001S		
Dec. Latitude:	34.09501		
Dec. Longitude:	-117.30865		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1052.00		
Hydrologic code:	18070203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	270		
Hole depth:	400	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-05-01	86.00	

4

NE
1/4 - 1/2 Mile
Higher

Site ID:	083601340T	AQUIFLOW	34247
Groundwater Flow:	SE		
Shallow Water Depth:	38.65		
Deep Water Depth:	53.68		
Average Water Depth:	Not Reported		
Date:	11/10/1998		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

5

SSW

1/4 - 1/2 Mile

Higher

FED USGS

USGS0155635

Agency:	USGS	Site ID:	340531117182301
Site Name:	001S004W16C001S		
Dec. Latitude:	34.09196		
Dec. Longitude:	-117.30727		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1041.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	740		
Hole depth:	740	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 47

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1940-01-01					
Note: The site was dry (no water level recorded).					
1922-12-07	12.40		1922-10-01	18.40	
1922-07-02	15.70		1922-04-18	7.90	
1922-03-18	8.20		1922-01-10	12.40	
1921-11-12	16.80		1921-07-02	16.10	
1921-06-01	9.90		1921-04-21	9.90	
1921-03-24	7.50		1921-02-18	7.60	
1920-11-15	12.00		1920-09-20	18.30	
1920-07-13	16.30		1920-06-17	13.70	
1920-05-10	10.10		1920-03-24	4.60	
1920-02-06	7.90		1919-12-27	8.20	
1919-11-02	10.50		1919-10-06	13.20	
1919-09-20	18.00		1919-09-06	17.90	
1919-08-21	17.80		1919-07-23	15.80	
1919-07-12	16.50		1919-04-17	7.60	
1919-03-12	5.30		1918-12-05	5.90	
1918-05-31	10.20		1918-03-13	1.40	
1917-08-23	12.80		1917-08-01	13.30	
1917-07-20	12.50		1916-11-02	4.20	
1916-10-04	7.50		1916-04-22	3.10	
1916-01-13	1.60		1915-12-23	3.70	
1915-11-22	6.50		1915-10-18	11.60	
1915-09-14	12.70		1915-08-19	12.20	
1915-06-16	9.90		1915-04-30	1.70	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A6
North
1/4 - 1/2 Mile
Higher

FED USGS USGS0155777

Agency:	USGS	Site ID:	340618117180801
Site Name:	001S004W09B003S		
Dec. Latitude:	34.10501		
Dec. Longitude:	-117.3031		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	365		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

A7
North
1/2 - 1 Mile
Higher

FED USGS USGS0155779

Agency:	USGS	Site ID:	340619117181001
Site Name:	001S004W09B002S		
Dec. Latitude:	34.10529		
Dec. Longitude:	-117.30365		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1070.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19270101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	365		
Hole depth:	365	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

A8
North
1/2 - 1 Mile
Higher

FED USGS USGS0155780

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340619117181101
Site Name:	001S004W09B001S		
Dec. Latitude:	34.10529		
Dec. Longitude:	-117.30393		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1074.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19270101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	376		
Hole depth:	384	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
NE
1/2 - 1 Mile
Higher

FED USGS USGS0155773

Agency:	USGS	Site ID:	340613117174601
Site Name:	001S004W09A001S		
Dec. Latitude:	34.10362		
Dec. Longitude:	-117.29699		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1046.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19020101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	285		
Hole depth:	613	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

10
NW
1/2 - 1 Mile
Higher

Site ID:	083600133T	AQUIFLOW	50232
Groundwater Flow:	Not Reported		
Shallow Water Depth:	69 ft		
Deep Water Depth:	73 ft		
Average Water Depth:	Not Reported		
Date:	05/04/1995		

11
SW
1/2 - 1 Mile
Higher

FED USGS USGS0155631

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340530117183001
Site Name:	001S004W16C002S		
Dec. Latitude:	34.09168		
Dec. Longitude:	-117.30921		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1046.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19260101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	100		
Hole depth:	100	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B12	Site ID:	083600381T		
South	Groundwater Flow:	Varies	AQUIFLOW	34246
1/2 - 1 Mile	Shallow Water Depth:	75'		
Lower	Deep Water Depth:	79'		
	Average Water Depth:	Not Reported		
	Date:	10/15/1997		

B13				
South			FED USGS	USGS0155692
1/2 - 1 Mile				
Lower				

Agency:	USGS	Site ID:	340522117180201
Site Name:	001S004W16B007S		
Dec. Latitude:	34.08946		
Dec. Longitude:	-117.30143		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1023.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	63.0		
Hole depth:	63.0	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

14				
North			CA WELLS	886
1/2 - 1 Mile				
Higher				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	01S/04W-09B01 S	User ID:	36C
FRDS Number:	3601041001	County:	San Bernardino
District Number:	66	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340625.0 1171810.0	Precision:	100 Feet (one Second)
Source Name:	WELL 01		
System Number:	3601041		
System Name:	HOLMES ICE CO		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

C15 East 1/2 - 1 Mile Lower

FED USGS USGS0155813

Agency:	USGS	Site ID:	340558117172901
Site Name:	001S004W10E002S		
Dec. Latitude:	34.09946		
Dec. Longitude:	-117.29227		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1012.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19500101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	705		
Hole depth:	705	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

C16 East 1/2 - 1 Mile Lower

FED USGS USGS0155746

Agency:	USGS	Site ID:	340557117172801
Site Name:	001S004W10M002S		
Dec. Latitude:	34.09918		
Dec. Longitude:	-117.29199		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1010.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19510101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	774		
Hole depth:	792	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

**D17
SW
1/2 - 1 Mile
Higher**

FED USGS USGS0155710

Agency:	USGS	Site ID:	340533117184101
Site Name:	001S004W09N006S		
Dec. Latitude:	34.09251		
Dec. Longitude:	-117.31227		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	200		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

**18
SE
1/2 - 1 Mile
Lower**

FED USGS USGS0155697

Agency:	USGS	Site ID:	340528117173801
Site Name:	001S004W15D00AS		
Dec. Latitude:	34.09112		
Dec. Longitude:	-117.29477		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1004.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19520101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	76.0		
Hole depth:	100	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1952-08-15	12.00	

19
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS0155719**

Agency:	USGS	Site ID:	340536117184601
Site Name:	001S004W09N003S		
Dec. Latitude:	34.09335		
Dec. Longitude:	-117.31365		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1064.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19210101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	106		
Hole depth:	106	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

E20
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS0155829**

Agency:	USGS	Site ID:	340607117172801
Site Name:	001S004W10F005S		
Dec. Latitude:	34.10196		
Dec. Longitude:	-117.29199		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1029.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19300101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	1041		
Hole depth:	1235	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

21	Site ID:	083600027T		
WSW	Groundwater Flow:	SSE	AQUIFLOW	50137
1/2 - 1 Mile	Shallow Water Depth:	Not Reported		
Higher	Deep Water Depth:	Not Reported		
	Average Water Depth:	60-62		
	Date:	Not Reported		

D22			FED USGS	USGS0155711
WSW				
1/2 - 1 Mile				
Higher				

Agency:	USGS	Site ID:	340533117184501
Site Name:	001S004W09N001S		
Dec. Latitude:	34.09251		
Dec. Longitude:	-117.31338		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1063.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19290101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	608		
Hole depth:	904	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

23			FED USGS	USGS0155691
SE				
1/2 - 1 Mile				
Lower				

Agency:	USGS	Site ID:	340522117174101
Site Name:	001S004W15D005S		
Dec. Latitude:	34.08946		
Dec. Longitude:	-117.2956		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1000.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19510101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	100		
Hole depth:	100	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E24
ENE
1/2 - 1 Mile
Lower

FED USGS USGS0155832

Agency:	USGS	Site ID:	340608117172601
Site Name:	001S004W10F001S		
Dec. Latitude:	34.10223		
Dec. Longitude:	-117.29143		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1029.70		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	1920	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	734		
Hole depth:	752	Source:	L
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 34

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2003-04-22	60.85		2002-10-31	59.66	
2002-04-08	51.69		2001-10-23	50.15	
2001-04-16	43.69		2000-10-23	46.84	
2000-04-13	41.86		1999-10-19	43.38	
1999-04-13	38.56		1998-10-20	42.33	
1998-04-15	39.58		1997-10-29	46.88	
1997-04-15	43.09		1996-10-08	47.98	
1996-04-22	42.42		1995-10-23	48.95	
1995-04-19	47.80		1994-10-24	51.08	
1994-04-20	45.72		1993-10-19	49.25	
1993-04-14	45.34		1992-10-28	50.68	
1992-06-17	45.61		1991-11-25	36.58	
1991-06-18	36.60		1990-11-28	29.60	
1990-06-25	28.75		1989-11-27	24.36	
1989-09-21	24.27		1988-11-30	17.04	
1988-06-29	14.77		1988-04-14	14.06	
1983-11-21	0.2		1964-10-21	105.5	

F25
SW
1/2 - 1 Mile
Higher

FED USGS USGS0155626

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340526117184101
Site Name:	001S004W16D004S		
Dec. Latitude:	34.09057		
Dec. Longitude:	-117.31227		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1055.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19150101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	472		
Hole depth:	472	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

**26
SW
1/2 - 1 Mile
Higher**

FED USGS USGS0155636

Agency:	USGS	Site ID:	340531117184601
Site Name:	001S004W16D002S		
Dec. Latitude:	34.09196		
Dec. Longitude:	-117.31365		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1064.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	278		
Hole depth:	278	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 103

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1927-06-06	26.20		1927-05-07	20.70	
1927-04-13	18.50		1927-03-15	16.30	
1927-01-13	23.40		1926-12-13	25.60	
1926-11-08	32.80		1926-10-02	32.40	
1926-08-14	33.40		1926-07-16	31.40	
1926-06-07	26.50		1926-04-20	17.60	
1926-03-22	18.20		1926-02-18	17.50	
1925-12-30	21.90		1925-11-20	22.30	
1925-10-22	14.70		1925-09-23	31.70	
1925-08-21	36.20		1925-07-24	31.80	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1925-05-26	21.00		1925-04-13	13.70	
1925-03-06	20.00		1925-01-24	13.60	
1924-12-20	16.00		1924-11-13	21.50	
1924-09-12	29.40		1924-08-22	29.80	
1924-07-11	28.50		1924-05-27	24.80	
1924-04-03	12.90		1924-03-07	18.70	
1924-02-15	19.30		1924-01-10	14.10	
1923-12-07	20.10		1923-11-08	23.80	
1923-10-05	28.50		1923-09-17	29.60	
1923-08-18	31.90		1923-07-07	32.50	
1923-06-06	27.50		1923-05-12	25.80	
1923-04-07	21.10		1923-03-07	13.80	
1923-01-08	19.40		1922-12-05	22.20	
1922-11-03	30.60		1922-09-13	35.20	
1922-08-05	33.10		1922-07-12	31.30	
1922-06-03	25.80		1922-05-08	22.60	
1922-04-08	13.40		1922-03-13	14.10	
1922-02-03	21.00		1922-01-11	23.80	
1921-12-10	27.40		1921-11-03	31.50	
1921-09-07	38.00		1921-08-11	33.70	
1921-07-11	30.20		1921-06-03	18.40	
1921-05-12	21.70		1921-04-08	15.00	
1921-03-09	12.80		1921-02-10	12.50	
1921-01-07	17.60		1920-12-05	22.20	
1920-11-04	26.50		1920-10-06	37.50	
1920-09-08	38.70		1920-08-07	36.80	
1920-07-07	31.10		1920-06-05	24.80	
1920-05-08	18.50		1920-04-08	10.20	
1920-03-12	9.40		1920-02-06	17.60	
1920-01-05	22.80		1919-12-15	19.60	
1919-11-06	11.20		1919-09-26	37.10	
1919-04-03	26.60		1919-03-05	26.60	
1919-02-04	26.60		1919-01-03	26.60	
1918-12-05	23.10		1918-04-06	28.00	
1918-03-02	27.80		1917-12-06	8.50	
1917-10-05	9.00		1917-09-11	10.50	
1917-08-06	6.50		1917-07-07	6.20	
1917-06-05	6.30		1917-05-05	6.30	
1917-04-04	12.80		1917-03-03	12.00	
1917-01-22	12.00		1916-12-21	10.80	
1916-11-25	10.00		1916-09-12	4.50	
1916-07-17	5.00				

27
ESE
1/2 - 1 Mile
Lower

FED USGS USGS0155709

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340533117172801
Site Name:	001S004W10N006S		
Dec. Latitude:	34.09251		
Dec. Longitude:	-117.29199		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1001.00		
Hydrologic code:	18070203		
Topographic:	Valley flat		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	417		
Hole depth:	557	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1971-05-01	50.00	

**F28
SW
1/2 - 1 Mile
Higher**

FED USGS USGS0155698

Agency:	USGS	Site ID:	340528117184501
Site Name:	001S004W16D003S		
Dec. Latitude:	34.09112		
Dec. Longitude:	-117.31338		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1063.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	409		
Hole depth:	409	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

**29
SE
1/2 - 1 Mile
Lower**

FED USGS USGS0155620

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340524117173401
Site Name:	001S004W15D004S		
Dec. Latitude:	34.09001		
Dec. Longitude:	-117.29365		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1000.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19540101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	498		
Hole depth:	512	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1954-08-07	44.00	

G30
NW
1/2 - 1 Mile
Higher

FED USGS USGS0155781

Agency:	USGS	Site ID:	340619117184501
Site Name:	001S004W09D001S		
Dec. Latitude:	34.10529		
Dec. Longitude:	-117.31338		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1092.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19020101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	450		
Hole depth:	472	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

31
South
1/2 - 1 Mile
Lower

FED USGS USGS0155681

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency: USGS Site ID: 340512117181001
 Site Name: 001S004W16G002S
 Dec. Latitude: 34.08668
 Dec. Longitude: -117.30365
 Coord Sys: NAD83
 State: CA
 County: San Bernardino County
 Altitude: 1027.00
 Hydrologic code: 18070203
 Topographic: Not Reported
 Site Type: Ground-water other than Spring
 Const Date: 19120101 Inven Date: Not Reported
 Well Type: Single well, other than collector or Ranney type
 Primary Aquifer: Not Reported
 Aquifer type: Not Reported
 Well depth: 44.0
 Hole depth: 44.0 Source: Not Reported
 Project no: Not Reported

Ground-water levels, Number of Measurements: 216

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1963-11-29					
Note: The site was dry (no water level recorded).					
1962-03-09					
Note: The site was dry (no water level recorded).					
1961-09-21					
Note: The site was dry (no water level recorded).					
1961-03-07					
Note: The site was dry (no water level recorded).					
1960-12-09					
Note: The site was dry (no water level recorded).					
1960-09-28					
Note: The site was dry (no water level recorded).					
1960-06-16					
Note: The site was dry (no water level recorded).					
1960-03-11					
Note: The site was dry (no water level recorded).					
1959-12-17					
Note: The site was dry (no water level recorded).					
1959-09-09					
Note: The site was dry (no water level recorded).					
1959-06-11	32.30		1959-04-09	32.40	
1958-10-07	31.60		1958-07-17	29.20	
1958-05-15	28.00		1958-03-14	29.50	
1958-01-22	31.60		1957-11-26	31.90	
1957-07-25	29.70		1957-03-14	25.10	
1956-12-19	26.40		1956-10-26	27.10	
1956-09-13	27.90		1956-07-26	26.30	
1956-06-12	28.30		1956-04-19	25.00	
1956-03-06	25.20		1956-01-11	26.90	
1955-11-16	28.00		1955-09-29	29.00	
1955-08-12	26.20		1955-06-30	24.20	
1955-05-12	22.60		1955-03-29	22.50	
1955-01-28	24.20		1954-12-17	20.70	
1954-10-21	26.20		1954-09-09	25.20	
1954-07-22	22.50		1954-06-10	20.00	
1954-04-29	19.10		1954-03-18	20.20	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-02-04	21.50		1953-12-22	22.80	
1953-11-11	23.80		1953-10-06	23.80	
1953-08-24	25.20		1953-07-09	22.30	
1953-05-22	18.90		1953-04-09	17.50	
1953-01-26	20.30		1952-10-31	22.00	
1952-08-25	21.00		1952-07-07	18.10	
1952-05-09	16.00		1952-04-17	13.80	
1952-03-19	15.30		1952-02-16	16.00	
1952-01-22	18.10		1951-12-21	19.60	
1951-11-30	21.20		1951-10-25	20.70	
1951-09-28	21.80		1951-08-16	20.50	
1951-07-17	22.30		1951-05-10	17.80	
1951-03-09	15.80		1951-01-09	18.40	
1950-11-06	20.60		1950-09-05	19.80	
1950-07-12	17.70		1950-04-25	13.50	
1950-02-21	12.40		1949-12-09	16.10	
1949-10-27	16.40		1949-09-09	16.50	
1949-07-14	12.50		1949-04-25	9.50	
1949-02-08	10.20		1948-11-10	13.50	
1948-08-24	14.80		1948-04-08	8.50	
1947-12-31	10.00		1947-09-12	12.80	
1947-06-12	8.70		1947-03-27	5.70	
1946-12-13	7.00		1946-08-29	12.40	
1946-05-28	7.20		1946-03-26	5.40	
1946-01-17	6.20		1945-10-17	11.30	
1945-08-10	10.00		1945-06-12	7.50	
1945-04-10	4.40		1945-01-30	6.20	
1944-11-20	9.50		1944-09-29	11.20	
1944-08-10	10.20		1944-06-27	8.50	
1944-05-08	6.30		1944-03-13	5.40	
1944-01-06	9.00		1943-11-10	10.80	
1943-09-22	12.20		1943-08-09	11.10	
1943-06-09	8.40		1943-04-29	6.10	
1943-03-22	7.20		1943-02-11	8.70	
1942-12-22	10.70		1942-10-24	12.60	
1942-08-11	12.40				
1942-07-03	11.70				
Note: A nearby site that taps the same aquifer was being pumped.					
1942-05-07	8.00		1942-04-06	8.20	
1942-03-03	8.40		1942-01-27	9.00	
1941-12-17	10.50		1941-11-18	11.80	
1941-09-02	13.10		1941-07-17	12.00	
1941-06-06	8.40		1941-04-21	8.60	
1941-03-10	10.70		1941-01-30	12.80	
1940-12-19	14.70		1940-10-30	17.00	
1940-10-03	17.40		1940-08-28	17.00	
1940-07-29	16.20		1940-07-02	15.20	
1940-05-31	14.40		1940-05-01	13.00	
1940-03-29	13.40		1940-02-29	13.80	
1940-01-30	14.80		1940-01-03	16.10	
1939-11-30	17.20		1939-10-03	18.80	
1939-09-01	18.90		1939-08-03	18.30	
1939-07-04	17.40		1939-05-31	16.40	
1939-05-02	15.70		1939-03-30	15.60	
1939-02-21	16.70		1939-02-01	17.40	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-12-30	18.50		1938-12-28	18.60	
1938-12-02	19.20		1938-11-06	19.60	
1938-10-27	19.60		1938-09-30	19.60	
1938-08-31	19.60		1938-07-28	18.70	
1938-06-03	17.20		1938-05-03	17.30	
1938-03-30	17.90		1938-01-28	20.80	
1937-12-30	21.60		1937-11-30	22.40	
1937-10-28	22.90		1937-09-29	22.60	
1937-08-30	21.90		1937-08-04	21.20	
1937-07-06	20.70		1937-06-04	19.20	
1937-05-05	18.50		1937-04-02	18.60	
1937-03-06	19.60		1937-02-04	21.00	
1937-01-06	22.10		1936-12-09	23.40	
1936-11-05	24.30		1936-10-03	24.80	
1936-09-04	24.30		1936-07-31	23.10	
1936-07-02	21.90		1936-06-05	20.80	
1936-05-02	19.70		1936-04-01	19.80	
1936-03-05	20.20		1936-02-06	21.40	
1936-01-06	22.10		1935-12-04	22.70	
1935-11-02	23.30		1935-10-04	23.20	
1935-09-05	22.70		1935-08-06	21.60	
1935-07-10	20.70		1935-06-05	19.40	
1935-05-04	18.30		1935-04-10	18.30	
1935-03-18	18.70		1935-02-09	19.70	
1934-12-31	21.40		1934-12-07	22.40	
1934-11-06	23.40		1934-10-04	24.00	
1934-09-05	23.80		1934-08-02	22.90	
1934-06-29	23.40				
Note: The site was being pumped.					
1934-06-05	21.00		1934-05-10	21.00	
1934-04-09	19.70		1934-03-07	19.00	
1934-02-09	19.90		1934-01-05	21.10	
1933-11-08	22.50		1933-10-06	23.10	
1933-09-07	23.70		1933-08-12	22.50	
1933-07-11	19.90		1933-06-10	18.90	
0000-00	8.00				

H32
WSW
1/2 - 1 Mile
Higher

FED USGS USGS0155725

Agency:	USGS	Site ID:	340542117185601
Site Name:	001S004W08R005S		
Dec. Latitude:	34.09501		
Dec. Longitude:	-117.31643		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 300
Hole depth: Not Reported
Project no: Not Reported

Source: Not Reported

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1991-11-19	133.85	

33 WSW 1/2 - 1 Mile Higher

FED USGS USGS0155716

Agency: USGS Site ID: 340535117185301
Site Name: 001S004W08R003S
Dec. Latitude: 34.09307
Dec. Longitude: -117.3156
Coord Sys: NAD83
State: CA
County: San Bernardino County
Altitude: 1068.00
Hydrologic code: 18070203
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: 19090101 Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 500
Hole depth: 500 Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

H34 West 1/2 - 1 Mile Higher

FED USGS USGS0155799

Agency: USGS Site ID: 340545117185701
Site Name: 001S004W08R001S
Dec. Latitude: 34.09585
Dec. Longitude: -117.31671
Coord Sys: NAD83
State: CA
County: San Bernardino County
Altitude: Not Reported
Hydrologic code: 18070203
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: Not Reported Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 200
Hole depth: Not Reported Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

35	Site ID:	083600053T		
ESE	Groundwater Flow:	SSW	AQUIFLOW	50141
1/2 - 1 Mile	Shallow Water Depth:	6.5		
Lower	Deep Water Depth:	7.5		
	Average Water Depth:	Not Reported		
	Date:	08/11/1987		

36			FED USGS	USGS0155718
ESE				
1/2 - 1 Mile				
Lower				

Agency:	USGS	Site ID:	340536117172201
Site Name:	001S004W10P002S		
Dec. Latitude:	34.09335		
Dec. Longitude:	-117.29032		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1000.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19220101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	77.0		
Hole depth:	77.0	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

H37			FED USGS	USGS0155788
WSW				
1/2 - 1 Mile				
Higher				

Agency:	USGS	Site ID:	340540117185801
Site Name:	001S004W08R002S		
Dec. Latitude:	34.09446		
Dec. Longitude:	-117.31699		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1075.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19080101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	436		
Hole depth:	436	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I38
West
1/2 - 1 Mile
Higher

FED USGS USGS0155749

Agency:	USGS	Site ID:	340600117190001
Site Name:	001S004W08F015S		
Dec. Latitude:	34.10001		
Dec. Longitude:	-117.31754		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1091.28		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19810101	Inven Date:	19911219
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	Not Reported		
Hole depth:	956	Source:	O
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1991-12-19	136.93	

I39
West
1/2 - 1 Mile
Higher

CA WELLS 877

Water System Information:

Prime Station Code:	01S/04W-08F10 S	User ID:	TAN
FRDS Number:	3610014011	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 16		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.520
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	196.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	65.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	7.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	273.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1984	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/05/1984	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.520
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	196.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	65.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	7.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/10/1985	Findings:	455.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/1985	Findings:	7.380
Chemical:	PH (LABORATORY)		
Sample Collected:	07/10/1985	Findings:	169.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/10/1985	Findings:	206.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/1985	Findings:	209.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/10/1985	Findings:	63.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/1985	Findings:	8.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/1985	Findings:	13.600 MG/L
Chemical:	SODIUM		
Sample Collected:	07/10/1985	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/10/1985	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/1985	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/10/1985	Findings:	40.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/10/1985	Findings:	285.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/1985	Findings:	7.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/13/1986	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	4.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/13/1986	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/20/1986	Findings:	3.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/20/1986	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/02/1987	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.610
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1987	Findings:	177.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	216.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	218.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	75.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	7.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1987	Findings:	4.500 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1987	Findings:	.050 UG/L
Chemical:	BORON		
Sample Collected:	10/02/1987	Findings:	325.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/02/1987	Findings:	11.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1988	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1988	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	178.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	217.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	213.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	69.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	10.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	14.100 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	274.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	7.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1988	Findings:	18.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.480
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	.490
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	- .230
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	11.700
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	490.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	189.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/04/1989	Findings:	230.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	206.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	60.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	13.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	13.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	3.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.230 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	303.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	11/17/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/09/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	231.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	206.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	50.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	20.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	13.200 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.000 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/29/1990	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.430 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	283.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/29/1990	Findings:	3.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/1991	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1991	Findings:	184.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/12/1991	Findings:	225.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1991	Findings:	208.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/12/1991	Findings:	56.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1991	Findings:	16.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1991	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1991	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/12/1991	Findings:	6.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1991	Findings:	.320 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1991	Findings:	230.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	4.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	193.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	236.200 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1992	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	75.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	10.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	11.500 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	7.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.120 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	254.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1992	Findings:	6.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/23/1993	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1993	Findings:	185.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	225.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1993	Findings:	220.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/23/1993	Findings:	63.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1993	Findings:	15.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1993	Findings:	11.800 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1993	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1993	Findings:	8.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1993	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1993	Findings:	266.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1993	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	04/12/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/12/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/28/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/31/1994	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1994	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1994	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/31/1994	Findings:	229.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/31/1994	Findings:	227.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/31/1994	Findings:	71.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1994	Findings:	12.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/31/1994	Findings:	14.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/31/1994	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/31/1994	Findings:	4.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/31/1994	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/31/1994	Findings:	274.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/31/1994	Findings:	24.900 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.990
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.290
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.220
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	12/12/1994	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/12/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/12/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/26/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/26/1995	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/26/1995	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/26/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/26/1995	Findings:	3.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/26/1995	Findings:	677.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/03/1995	Findings:	5.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/05/1995	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/05/1995	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	10/05/1995	Findings:	178.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	217.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/05/1995	Findings:	220.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	48.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/05/1995	Findings:	15.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/05/1995	Findings:	15.400 MG/L
Chemical:	SODIUM		
Sample Collected:	10/05/1995	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/05/1995	Findings:	3.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/05/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/05/1995	Findings:	239.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/05/1995	Findings:	5.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/21/1996	Findings:	2.800 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/21/1996	Findings:	4.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	970.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/04/1996	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/04/1996	Findings:	7.760
Chemical:	PH (LABORATORY)		
Sample Collected:	09/04/1996	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/1996	Findings:	219.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/04/1996	Findings:	208.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/04/1996	Findings:	64.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/04/1996	Findings:	12.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/04/1996	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	09/04/1996	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/04/1996	Findings:	3.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/04/1996	Findings:	.550 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/04/1996	Findings:	252.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/04/1996	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/09/1997	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/09/1997	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	212.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/09/1997	Findings:	65.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	12.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	12.400 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	6.210 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	264.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	4.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/04/1997	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1997	Findings:	7.590
Chemical:	FIELD PH		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/04/1997	Findings:	.860
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/04/1997	Findings:	.100
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/04/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/04/1997	Findings:	12.090
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

I40
West
1/2 - 1 Mile
Higher

CA WELLS 878

Water System Information:

Prime Station Code:	01S/04W-08F12 S	User ID:	TAN
FRDS Number:	3610048001	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 01 (OLD 04)		
System Number:	3610048		
System Name:	TERRACE WATER CO		
Organization That Operates System:	1095-1/2 STEVENSON ST COLTON, CA 92324		
Pop Served:	2200	Connections:	534
Area Served:	COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/28/1988	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/28/1988	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/28/1988	Findings:	7.780
Chemical:	PH (LABORATORY)		
Sample Collected:	01/28/1988	Findings:	177.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/28/1988	Findings:	216.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/28/1988	Findings:	204.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/28/1988	Findings:	68.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/28/1988	Findings:	8.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/28/1988	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	01/28/1988	Findings:	1.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/28/1988	Findings:	2.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/28/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/28/1988	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/28/1988	Findings:	.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/28/1988	Findings:	292.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/28/1988	Findings:	7.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1988	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/21/1990	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/21/1990	Findings:	11.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/21/1991	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/21/1991	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/12/1991	Findings:	3.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/12/1991	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/17/1992	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/17/1992	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/06/1992	Findings:	7.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/06/1992	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/05/1993	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/05/1993	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	05/05/1993	Findings:	184.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/05/1993	Findings:	225.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/05/1993	Findings:	2438.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	05/05/1993	Findings:	214.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/05/1993	Findings:	70.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/05/1993	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/05/1993	Findings:	16.900 MG/L
Chemical:	SODIUM		
Sample Collected:	05/05/1993	Findings:	2.600 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/05/1993	Findings:	9.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/05/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/05/1993	Findings:	83.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/05/1993	Findings:	272.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/05/1993	Findings:	10.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/05/1993	Findings:	2438.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/19/1994	Findings:	.900 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/15/1996	Findings:	14.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/01/1996	Findings:	4.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/01/1996	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/01/1996	Findings:	4.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/01/1996	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/04/1996	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/28/1997	Findings:	545.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/28/1997	Findings:	7.370
Chemical:	PH (LABORATORY)		
Sample Collected:	10/28/1997	Findings:	186.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/28/1997	Findings:	227.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/28/1997	Findings:	248.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/28/1997	Findings:	79.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/28/1997	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/28/1997	Findings:	11.700 MG/L
Chemical:	SODIUM		
Sample Collected:	10/28/1997	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/28/1997	Findings:	7.790 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/28/1997	Findings:	.217 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/28/1997	Findings:	7.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/28/1997	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	6.500 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/28/1997	Findings:	301.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/28/1997	Findings:	16.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/1997	Findings:	.900 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/28/1997	Findings:	1.200 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	3660.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/16/1998	Findings:	5.200 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/16/1998	Findings:	1.400 PCI/L
Chemical:	URANIUM COUNTING ERROR		

I41
West
1/2 - 1 Mile
Higher

CA WELLS 879

Water System Information:

Prime Station Code:	01S/04W-08F14 S	User ID:	TAN
FRDS Number:	3610048002	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 02 (OLD 03)		
System Number:	3610048		
System Name:	TERRACE WATER CO		
Organization That Operates System:	1095-1/2 STEVENSON ST COLTON, CA 92324		
Pop Served:	2200	Connections:	534
Area Served:	COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/28/1988	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/28/1988	Findings:	7.770
Chemical:	PH (LABORATORY)		
Sample Collected:	01/28/1988	Findings:	179.900 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/28/1988	Findings:	219.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/28/1988	Findings:	204.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/28/1988	Findings:	68.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/28/1988	Findings:	8.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/28/1988	Findings:	13.200 MG/L
Chemical:	SODIUM		
Sample Collected:	01/28/1988	Findings:	1.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/28/1988	Findings:	2.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/28/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/28/1988	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/28/1988	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/28/1988	Findings:	293.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/28/1988	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1988	Findings:	.600 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/21/1990	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/21/1990	Findings:	17.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/21/1991	Findings:	5.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/21/1991	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/12/1991	Findings:	4.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/12/1991	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/17/1992	Findings:	6.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/17/1992	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/06/1992	Findings:	4.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/06/1992	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/05/1993	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/05/1993	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	05/05/1993	Findings:	183.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/05/1993	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/05/1993	Findings:	2325.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	05/05/1993	Findings:	218.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/05/1993	Findings:	70.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/05/1993	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/05/1993	Findings:	16.800 MG/L
Chemical:	SODIUM		
Sample Collected:	05/05/1993	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/05/1993	Findings:	9.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/05/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/05/1993	Findings:	99.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/05/1993	Findings:	274.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/05/1993	Findings:	10.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/05/1993	Findings:	2325.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/19/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/15/1996	Findings:	14.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/01/1996	Findings:	7.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/01/1996	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/01/1996	Findings:	6.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/01/1996	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	5.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/04/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1996	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/28/1997	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/28/1997	Findings:	7.450
Chemical:	PH (LABORATORY)		
Sample Collected:	10/28/1997	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/28/1997	Findings:	222.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/28/1997	Findings:	229.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/28/1997	Findings:	68.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/28/1997	Findings:	11.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/28/1997	Findings:	11.300 MG/L
Chemical:	SODIUM		
Sample Collected:	10/28/1997	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/28/1997	Findings:	5.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/28/1997	Findings:	.272 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/28/1997	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/28/1997	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/28/1997	Findings:	267.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/28/1997	Findings:	15.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/28/1997	Findings:	1.100 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	10/28/1997	Findings:	3500.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/16/1998	Findings:	6.200 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/16/1998	Findings:	1.500 PCI/L
Chemical:	URANIUM COUNTING ERROR		

I42
West
1/2 - 1 Mile
Higher

CA WELLS 874

Water System Information:

Prime Station Code:	01S/04W-08C04 S	User ID:	TAN
FRDS Number:	3610014014	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 19		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 3610014
 System Name: CITY OF COLTON
 Organization That Operates System:
 650 N LA CADENA DR
 COLTON, CA 92324

Pop Served: 42103 Connections: 8604
 Area Served: CITY OF COLTON

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	59.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	10.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	10.400 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	268.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1984	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/05/1984	Findings:	59.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	10.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	10.400 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/11/1985	Findings:	445.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/11/1985	Findings:	7.040
Chemical:	PH (LABORATORY)		
Sample Collected:	07/11/1985	Findings:	171.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/11/1985	Findings:	209.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/11/1985	Findings:	206.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/11/1985	Findings:	60.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/11/1985	Findings:	10.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/11/1985	Findings:	12.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/11/1985	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/11/1985	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/11/1985	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/11/1985	Findings:	34.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/11/1985	Findings:	280.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/13/1986	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	01/13/1986	Findings:	.260 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	1.700 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/03/1986	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/03/1986	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	10/03/1986	Findings:	177.160 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	216.140 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/03/1986	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	62.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/03/1986	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/03/1986	Findings:	10.000 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/03/1986	Findings:	3.520 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/03/1986	Findings:	5.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/03/1986	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/03/1986	Findings:	228.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/03/1986	Findings:	2.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/18/1986	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/18/1986	Findings:	.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/02/1987	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1987	Findings:	169.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/02/1987	Findings:	206.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	205.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/02/1987	Findings:	72.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	5.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	13.500 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1987	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1987	Findings:	.060 UG/L
Chemical:	BORON		
Sample Collected:	10/02/1987	Findings:	312.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/02/1987	Findings:	3.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1988	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/21/1988	Findings:	7.710
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	172.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/21/1988	Findings:	210.500 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1988	Findings:	206.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	63.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	11.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	10.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	263.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/02/1988	Findings:	16.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.550
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	1.170
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	.400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	12.400
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	6.830
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	195.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	238.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	220.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	60.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	17.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	12.900 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	4.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/04/1989	Findings:	.230 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	300.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	2.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1989	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.880
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	184.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/29/1990	Findings:	225.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/29/1990	Findings:	59.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	14.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/29/1990	Findings:	5.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.510 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	200.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/29/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	271.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1991	Findings:	180.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/12/1991	Findings:	219.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1991	Findings:	206.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/12/1991	Findings:	64.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1991	Findings:	11.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1991	Findings:	11.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/12/1991	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/12/1991	Findings:	6.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1991	Findings:	.340 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1991	Findings:	222.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	2.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/12/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	224.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1992	Findings:	212.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/27/1992	Findings:	57.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	17.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	9.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	7.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.100 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	222.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1992	Findings:	2.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/1993	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1993	Findings:	175.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/23/1993	Findings:	213.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1993	Findings:	205.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/23/1993	Findings:	68.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1993	Findings:	8.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1993	Findings:	7.800 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1993	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1993	Findings:	7.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1993	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1993	Findings:	242.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1993	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1993	Findings:	4.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	926.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/12/1994	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/12/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/25/1994	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1994	Findings:	183.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/25/1994	Findings:	223.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/25/1994	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/25/1994	Findings:	62.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1994	Findings:	12.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/25/1994	Findings:	13.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/25/1994	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/25/1994	Findings:	8.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1994	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/25/1994	Findings:	252.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/25/1994	Findings:	2.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/1994	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/31/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.920
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.220
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.150
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	12/08/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/26/1995	Findings:	4.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/26/1995	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/26/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/03/1995	Findings:	3.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/05/1995	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/05/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	10/05/1995	Findings:	178.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/05/1995	Findings:	217.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/05/1995	Findings:	214.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/05/1995	Findings:	48.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/05/1995	Findings:	18.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/05/1995	Findings:	15.600 MG/L
Chemical:	SODIUM		
Sample Collected:	10/05/1995	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/05/1995	Findings:	3.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/05/1995	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/05/1995	Findings:	235.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/05/1995	Findings:	3.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1996	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/05/1996	Findings:	3.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1996	Findings:	767.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/05/1996	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/05/1996	Findings:	7.860
Chemical:	PH (LABORATORY)		
Sample Collected:	09/05/1996	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/05/1996	Findings:	221.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/05/1996	Findings:	208.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/05/1996	Findings:	41.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/05/1996	Findings:	25.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/05/1996	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	09/05/1996	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/05/1996	Findings:	3.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/05/1996	Findings:	.510 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/05/1996	Findings:	60.000 UG/L
Chemical:	COPPER		
Sample Collected:	09/05/1996	Findings:	132.000 UG/L
Chemical:	IRON		
Sample Collected:	09/05/1996	Findings:	244.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/05/1996	Findings:	3.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1996	Findings:	104.000 UG/L
Chemical:	IRON		
Sample Collected:	09/09/1997	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	175.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	213.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	228.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	70.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	8.700 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	5.710 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	107.000 UG/L
Chemical:	IRON		
Sample Collected:	09/09/1997	Findings:	250.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	3.520 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1997	Findings:	16.700 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/29/1997	Findings:	7.570
Chemical:	FIELD PH		
Sample Collected:	12/29/1997	Findings:	.800
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1997	Findings:	.020
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/29/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/29/1997	Findings:	12.040
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I43
West
1/2 - 1 Mile
Higher

CA WELLS 873

Water System Information:

Prime Station Code:	01S/04W-08C01 S	User ID:	TAN
FRDS Number:	3610014013	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 18 - ABANDONED		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

I44
West
1/2 - 1 Mile
Higher

CA WELLS 876

Water System Information:

Prime Station Code:	01S/04W-08F08 S	User ID:	TAN
FRDS Number:	3610014006	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 08		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	200.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	66.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	9.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	279.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1984	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	200.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	66.299 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	9.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1985	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/10/1985	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	07/10/1985	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/10/1985	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/10/1985	Findings:	227.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/10/1985	Findings:	73.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/10/1985	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/10/1985	Findings:	13.700 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/1985	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/10/1985	Findings:	6.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/10/1985	Findings:	.550 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/10/1985	Findings:	37.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/10/1985	Findings:	298.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/10/1985	Findings:	4.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1986	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	6.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1986	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/03/1986	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/03/1986	Findings:	7.490
Chemical:	PH (LABORATORY)		
Sample Collected:	10/03/1986	Findings:	179.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/03/1986	Findings:	218.760 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/03/1986	Findings:	219.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/03/1986	Findings:	66.899 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/03/1986	Findings:	9.850 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/03/1986	Findings:	12.500 MG/L
Chemical:	SODIUM		
Sample Collected:	10/03/1986	Findings:	3.470 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/03/1986	Findings:	5.120 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/03/1986	Findings:	.520 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/03/1986	Findings:	297.890 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/03/1986	Findings:	6.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1986	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/20/1986	Findings:	.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/21/1988	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1988	Findings:	7.560
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	187.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	228.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	226.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	77.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	8.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	14.800 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	299.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	3.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/02/1988	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1988	Findings:	7.540
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1988	Findings:	175.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/02/1988	Findings:	214.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1988	Findings:	234.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/02/1988	Findings:	86.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1988	Findings:	4.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1988	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1988	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1988	Findings:	5.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1988	Findings:	.020 UG/L
Chemical:	BORON		
Sample Collected:	10/02/1988	Findings:	366.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/02/1988	Findings:	4.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1988	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.430
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	.480
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	- .260
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	11.700
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	580.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	6.770
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	201.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/04/1989	Findings:	246.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	253.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/04/1989	Findings:	72.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	17.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	14.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1989	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.250 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	359.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	5.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/12/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/09/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	560.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.610
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	206.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	251.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	255.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/29/1990	Findings:	60.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	25.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	12.900 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/29/1990	Findings:	5.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.500 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	324.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/29/1990	Findings:	5.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/12/1991	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/12/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/12/1991	Findings:	186.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/12/1991	Findings:	226.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/12/1991	Findings:	214.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/12/1991	Findings:	54.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/12/1991	Findings:	19.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/12/1991	Findings:	14.600 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/12/1991	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/12/1991	Findings:	7.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/12/1991	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/12/1991	Findings:	.280 UG/L
Chemical:	BORON		
Sample Collected:	08/12/1991	Findings:	241.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/12/1991	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/1991	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	239.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1992	Findings:	248.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	73.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	15.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1992	Findings:	12.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	8.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.140 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	280.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1992	Findings:	5.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/25/1993	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1993	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1993	Findings:	189.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/25/1993	Findings:	230.800 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/25/1993	Findings:	209.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/25/1993	Findings:	58.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1993	Findings:	15.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/25/1993	Findings:	18.900 MG/L
Chemical:	SODIUM		
Sample Collected:	08/25/1993	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/25/1993	Findings:	8.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1993	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/25/1993	Findings:	277.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/25/1993	Findings:	2.900 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/20/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1993	Findings:	7.800 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/20/1993	Findings:	1761.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/22/1994	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/22/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/31/1994	Findings:	480.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1994	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1994	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/31/1994	Findings:	229.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/31/1994	Findings:	216.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/31/1994	Findings:	67.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1994	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/31/1994	Findings:	15.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/31/1994	Findings:	3.000 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/31/1994	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/31/1994	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/31/1994	Findings:	271.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/31/1994	Findings:	4.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/1994	Findings:	5.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/31/1994	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.930
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.230
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.170
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	12/12/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/26/1995	Findings:	5.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/26/1995	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/26/1995	Findings:	4.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	04/18/1995	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/26/1995	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/03/1995	Findings:	7.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/16/1995	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/16/1995	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	10/16/1995	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/16/1995	Findings:	229.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/16/1995	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/16/1995	Findings:	72.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/16/1995	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/16/1995	Findings:	15.400 MG/L
Chemical:	SODIUM		
Sample Collected:	10/16/1995	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/16/1995	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/16/1995	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/16/1995	Findings:	282.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/16/1995	Findings:	7.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/18/1995	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/18/1995	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/18/1995	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/21/1996	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/21/1996	Findings:	2.400 UG/L
Chemical:	ARSENIC		
Sample Collected:	08/21/1996	Findings:	8.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	1900.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/04/1996	Findings:	580.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/04/1996	Findings:	7.590
Chemical:	PH (LABORATORY)		
Sample Collected:	09/04/1996	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/04/1996	Findings:	239.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/04/1996	Findings:	275.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/04/1996	Findings:	84.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/04/1996	Findings:	14.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/04/1996	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	09/04/1996	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/04/1996	Findings:	5.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/04/1996	Findings:	.630 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/04/1996	Findings:	326.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/1996	Findings:	10.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	600.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.300
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	198.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	241.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	291.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	90.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	14.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	12.300 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	10.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.304 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	351.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	10.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1997	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/29/1997	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	12/29/1997	Findings:	7.500
Chemical:	FIELD PH		
Sample Collected:	12/29/1997	Findings:	.750
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/29/1997	Findings:	11.980
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

**I45
West
1/2 - 1 Mile
Higher**

CA WELLS 875

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	01S/04W-08F07 S	User ID:	TAN
FRDS Number:	3610014008	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1171900.0	Precision:	Undefined
Source Name:	WELL 13		
System Number:	3610014		
System Name:	CITY OF COLTON		
Organization That Operates System:	650 N LA CADENA DR COLTON, CA 92324		
Pop Served:	42103	Connections:	8604
Area Served:	CITY OF COLTON		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.440
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	65.899 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/05/1984	Findings:	11.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/05/1984	Findings:	280.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/05/1984	Findings:	470.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/05/1984	Findings:	7.440
Chemical:	PH (LABORATORY)		
Sample Collected:	06/05/1984	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	197.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/05/1984	Findings:	65.899 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/05/1984	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/05/1984	Findings:	11.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/05/1984	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/05/1984	Findings:	8.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/05/1984	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/12/1985	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/12/1985	Findings:	7.320
Chemical:	PH (LABORATORY)		
Sample Collected:	07/12/1985	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/12/1985	Findings:	207.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/12/1985	Findings:	216.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/12/1985	Findings:	63.799 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/12/1985	Findings:	9.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/12/1985	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	07/12/1985	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/12/1985	Findings:	5.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/12/1985	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/12/1985	Findings:	41.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/12/1985	Findings:	267.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/12/1985	Findings:	7.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1986	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/13/1986	Findings:	8.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1986	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/03/1986	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/03/1986	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	10/03/1986	Findings:	175.010 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/03/1986	Findings:	213.500 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/03/1986	Findings:	215.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/03/1986	Findings:	65.399 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/03/1986	Findings:	8.990 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/03/1986	Findings:	12.200 MG/L
Chemical:	SODIUM		
Sample Collected:	10/03/1986	Findings:	3.520 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/03/1986	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/03/1986	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/03/1986	Findings:	285.290 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/03/1986	Findings:	6.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/20/1986	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/20/1986	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/02/1987	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/02/1987	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	10/02/1987	Findings:	165.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	201.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/02/1987	Findings:	203.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/02/1987	Findings:	73.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/02/1987	Findings:	5.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/02/1987	Findings:	13.700 MG/L
Chemical:	SODIUM		
Sample Collected:	10/02/1987	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/02/1987	Findings:	5.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/02/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/02/1987	Findings:	309.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/02/1987	Findings:	7.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/21/1988	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/21/1988	Findings:	7.780
Chemical:	PH (LABORATORY)		
Sample Collected:	06/21/1988	Findings:	177.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	216.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/21/1988	Findings:	211.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	06/21/1988	Findings:	66.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/21/1988	Findings:	8.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/21/1988	Findings:	13.800 MG/L
Chemical:	SODIUM		
Sample Collected:	06/21/1988	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/21/1988	Findings:	4.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/21/1988	Findings:	255.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/21/1988	Findings:	6.900 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/02/1988	Findings:	17.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/02/1988	Findings:	7.590
Chemical:	FIELD PH		
Sample Collected:	12/02/1988	Findings:	.440
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/02/1988	Findings:	- .310
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/02/1988	Findings:	11.700
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/04/1989	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1989	Findings:	6.860
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1989	Findings:	195.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	238.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1989	Findings:	220.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/04/1989	Findings:	64.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1989	Findings:	14.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1989	Findings:	13.200 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/04/1989	Findings:	3.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1989	Findings:	4.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1989	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1989	Findings:	.210 UG/L
Chemical:	BORON		
Sample Collected:	08/04/1989	Findings:	300.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1989	Findings:	6.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1990	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/12/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/09/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/09/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	450.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/29/1990	Findings:	7.880
Chemical:	PH (LABORATORY)		
Sample Collected:	06/29/1990	Findings:	186.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/29/1990	Findings:	227.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/29/1990	Findings:	211.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/29/1990	Findings:	54.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/29/1990	Findings:	18.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/29/1990	Findings:	12.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/29/1990	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/29/1990	Findings:	4.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/29/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/29/1990	Findings:	.400 UG/L
Chemical:	BORON		
Sample Collected:	06/29/1990	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/29/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	265.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/29/1990	Findings:	6.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/30/1991	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/30/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/30/1991	Findings:	178.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/30/1991	Findings:	217.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/30/1991	Findings:	216.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/30/1991	Findings:	63.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/30/1991	Findings:	14.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/30/1991	Findings:	13.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/30/1991	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/30/1991	Findings:	7.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/30/1991	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/30/1991	Findings:	.250 UG/L
Chemical:	BORON		
Sample Collected:	08/30/1991	Findings:	242.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/30/1991	Findings:	8.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/30/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1992	Findings:	465.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1992	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1992	Findings:	198.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	241.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1992	Findings:	240.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/27/1992	Findings:	75.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1992	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1992	Findings:	11.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1992	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1992	Findings:	8.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1992	Findings:	.100 UG/L
Chemical:	BORON		
Sample Collected:	08/27/1992	Findings:	261.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1992	Findings:	9.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/1993	Findings:	490.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/23/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/23/1993	Findings:	181.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/23/1993	Findings:	221.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/23/1993	Findings:	222.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/23/1993	Findings:	68.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/23/1993	Findings:	12.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/23/1993	Findings:	12.400 MG/L
Chemical:	SODIUM		
Sample Collected:	08/23/1993	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/23/1993	Findings:	8.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/23/1993	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/23/1993	Findings:	271.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/23/1993	Findings:	9.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1993	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	1625.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/23/1994	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/23/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/28/1994	Findings:	4.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/25/1994	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/25/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/25/1994	Findings:	188.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/25/1994	Findings:	230.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/25/1994	Findings:	234.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/25/1994	Findings:	76.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/25/1994	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/25/1994	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	08/25/1994	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/25/1994	Findings:	10.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/25/1994	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/25/1994	Findings:	305.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/25/1994	Findings:	13.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/01/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/01/1994	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	12/01/1994	Findings:	.970
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/01/1994	Findings:	.270
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/01/1994	Findings:	12.220
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/26/1995	Findings:	7.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/26/1995	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/03/1995	Findings:	14.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/16/1995	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/16/1995	Findings:	7.800
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/16/1995	Findings:	183.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/16/1995	Findings:	223.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/16/1995	Findings:	234.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/16/1995	Findings:	74.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/16/1995	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/16/1995	Findings:	14.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/16/1995	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/16/1995	Findings:	2.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/16/1995	Findings:	288.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/16/1995	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	04/11/1996	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/02/1996	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/21/1996	Findings:	.230 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/21/1996	Findings:	13.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/21/1996	Findings:	3070.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/04/1996	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/04/1996	Findings:	7.660
Chemical:	PH (LABORATORY)		
Sample Collected:	09/04/1996	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/04/1996	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/04/1996	Findings:	234.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/04/1996	Findings:	52.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/04/1996	Findings:	25.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/04/1996	Findings:	12.900 MG/L
Chemical:	SODIUM		
Sample Collected:	09/04/1996	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/04/1996	Findings:	5.700 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/1996	Findings:	.580 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/04/1996	Findings:	277.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/04/1996	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	525.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/09/1997	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	09/09/1997	Findings:	185.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	226.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/09/1997	Findings:	244.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/09/1997	Findings:	78.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/09/1997	Findings:	13.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/09/1997	Findings:	11.900 MG/L
Chemical:	SODIUM		
Sample Collected:	09/09/1997	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/09/1997	Findings:	9.650 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/09/1997	Findings:	.304 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/09/1997	Findings:	302.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/09/1997	Findings:	14.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/29/1997	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/29/1997	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	12/29/1997	Findings:	7.420
Chemical:	FIELD PH		
Sample Collected:	12/29/1997	Findings:	.740
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	12/29/1997	Findings:	.040
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	12/29/1997	Findings:	1.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/29/1997	Findings:	11.980
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

46
SW
1/2 - 1 Mile
Higher

Site ID: 083601349T
Groundwater Flow: NNW
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 40.17
Date: 11/10/1998

AQUIFLOW 34244

I47
WNW
1/2 - 1 Mile
Higher

FED USGS USGS0155754

Agency: USGS Site ID: 340602117190001
Site Name: 001S004W08H004S
Dec. Latitude: 34.10057
Dec. Longitude: -117.31754
Coord Sys: NAD83
State: CA
County: San Bernardino County
Altitude: 1085.00
Hydrologic code: 18070203
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: 19200101 Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 124
Hole depth: 124 Source: Not Reported
Project no: Not Reported

Ground-water levels, Number of Measurements: 0

G48
NW
1/2 - 1 Mile
Higher

FED USGS USGS0155857

Agency: USGS Site ID: 340622117184801
Site Name: 001S004W08A001S
Dec. Latitude: 34.10612
Dec. Longitude: -117.31421
Coord Sys: NAD83
State: CA
County: San Bernardino County
Altitude: 1094.00
Hydrologic code: 18070203
Topographic: Not Reported
Site Type: Ground-water other than Spring
Const Date: 19170101 Inven Date: Not Reported
Well Type: Single well, other than collector or Ranney type
Primary Aquifer: Not Reported
Aquifer type: Not Reported
Well depth: 482
Hole depth: 530 Source: Not Reported
Project no: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-06-01	114.00	

49
West
1/2 - 1 Mile
Higher

FED USGS USGS0155803

Agency:	USGS	Site ID:	340552117190201
Site Name:	001S004W08K010S		
Dec. Latitude:	34.09779		
Dec. Longitude:	-117.3181		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1079.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19580101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	266		
Hole depth:	280	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

50
SE
1/2 - 1 Mile
Lower

FED USGS USGS0155686

Agency:	USGS	Site ID:	340518117173301
Site Name:	001S004W15E002S		
Dec. Latitude:	34.08835		
Dec. Longitude:	-117.29338		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	998.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19180101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	352		
Hole depth:	352	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J51
WSW
1/2 - 1 Mile
Higher

FED USGS USGS0155726

Agency:	USGS	Site ID:	340542117190101
Site Name:	001S004W08R004S		
Dec. Latitude:	34.09501		
Dec. Longitude:	-117.31782		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1076.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19340101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	520		
Hole depth:	569	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

52
SSE
1/2 - 1 Mile
Lower

FED USGS USGS0155608

Agency:	USGS	Site ID:	340509117174901
Site Name:	001S004W16H003S		
Dec. Latitude:	34.08585		
Dec. Longitude:	-117.29782		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1000.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	302		
Hole depth:	368	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

J53
WSW
1/2 - 1 Mile
Higher

FED USGS USGS0155789

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340540117190201
Site Name:	001S004W08Q003S		
Dec. Latitude:	34.09446		
Dec. Longitude:	-117.3181		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1074.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19120101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	476		
Hole depth:	476	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-06-01	129.00	

K54
West
1/2 - 1 Mile
Higher

FED USGS USGS0155801

Agency:	USGS	Site ID:	340546117190601
Site Name:	001S004W08K003S		
Dec. Latitude:	34.09612		
Dec. Longitude:	-117.31921		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1077.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19230101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	111		
Hole depth:	111	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

55
ENE
1/2 - 1 Mile
Lower

Site ID:	083600694T		
Groundwater Flow:	S		
Shallow Water Depth:	28 ft		
Deep Water Depth:	31 ft		
Average Water Depth:	Not Reported		
Date:	04/17/1997		

AQUIFLOW 50255

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

56
WSW
1/2 - 1 Mile
Higher

FED USGS USGS0155784

Agency:	USGS	Site ID:	340537117190501
Site Name:	001S004W08Q001S		
Dec. Latitude:	34.09362		
Dec. Longitude:	-117.31893		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	205		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

L57
South
1/2 - 1 Mile
Lower

Site ID:	083602034T	AQUIFLOW	50204
Groundwater Flow:	SE		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	Not Reported		
Date:	03/06/1998		

L58
South
1/2 - 1 Mile
Lower

FED USGS USGS0155660

Agency:	USGS	Site ID:	340502117180201
Site Name:	001S004W16J006S		
Dec. Latitude:	34.0839		
Dec. Longitude:	-117.30143		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1025.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19240101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	63.0		
Hole depth:	80.0	Source:	Not Reported
Project no:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1939-12-06	31.45	

59
SE
1/2 - 1 Mile
Lower

FED USGS USGS0155617

Agency:	USGS	Site ID:	340517117172301
Site Name:	001S004W15F004S		
Dec. Latitude:	34.08807		
Dec. Longitude:	-117.2906		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	995.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	183		
Hole depth:	183	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

K60
West
1/2 - 1 Mile
Higher

FED USGS USGS0155735

Agency:	USGS	Site ID:	340548117191001
Site Name:	001S004W08K005S		
Dec. Latitude:	34.09668		
Dec. Longitude:	-117.32032		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	1082.00		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	19230101	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	80.0		
Hole depth:	80.0	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN BERNARDINO	91222148	#5181 - 572 SOUTH MOUNTH VERNON AVE	#5181 - 572 SOUTH MOUNTH VERNON AVE	92410	ERNS
SAN BERNARDINO	S101308124	CALTRANS PANARAMA PT.MAINT.ST.	HWY 18, MILEPOST 15.84	92410	LUST
SAN BERNARDINO	S105082694	HECTOR CERDA	1962 W AVE RIALTO	92410	HAZNET
SAN BERNARDINO	S101591332	UNOCAL #3444	25716 E BASELINE	92410	CA FID UST, Cortese, LUST
SAN BERNARDINO	1003878981	SECCOMBE LAKE STATE REC AREA	7TH ST BETW SERRIA & WATERMAN	92410	CERC-NFRAP
SAN BERNARDINO	S103679012	UNOCAL SERVICE STATION #5961	I-15/HWY 138	92410	HAZNET
SAN BERNARDINO	S104580102	CIRCLE K STORES INC STATION #5700	I-5/HWY 138	92410	HAZNET
SAN BERNARDINO	S100727496	ALTA DENA DAIRY	341 MOUNT VERNON AVE	92410	Cortese, LUST
SAN BERNARDINO	S104750531	ARCO #5181	572 MOUNT VERNON AVE	92410	Cortese, LUST
SAN BERNARDINO	S101591348	SOUTH WESTERN MOTORS	791 N MT VERNON	92410	CA FID UST, San Bern. Co. Permit
SAN BERNARDINO	S104763869		572 S MT VERNON AV	02687	CHMIRS, San Bern. Co. Permit
SAN BERNARDINO	93305252	572 SOUTH MT. VERNON AVE	572 SOUTH MT. VERNON AVE	92410	ERNS
SAN BERNARDINO	S101619559	UNION OIL SERVICE STATION #606	3003 E ST	92410	CA FID UST, Cortese, LUST
SAN BERNARDINO	S104751426	INLAND BEVERAGE COMPANY	223 G ST	92410	Cortese, LUST
SAN BERNARDINO	S105027763	CHEVRON	598 H ST	92410	Cortese, LUST
SAN BERNARDINO COUN	S105631217		HWY 58 2 MI WEST OF HWY 359		CHMIRS, EMI
SAN BERNARDINO COUN	S105629377		RIALTO LILAC STREET		CHMIRS, EMI

DETAILED ORPHAN LISTING

Site	Database(s)			EDR ID Number	EPA ID Number
#5181 - 572 SOUTH MOUNTH VERNON AVE	ERNS			91222148	
#5181 - 572 SOUTH MOUNTH VERNON AVE				N/A	
SAN BERNARDINO, CA 92410					
Site ID:	91222148				
Site Location:	#5181 - 572 SOUTH MOUNTH VERNON AVE				
	SAN BERNARDINO, CA 92410-				
	SAN BERNARDINO County				
Report No:	Not reported				
EPA Region:	09				
Spill Date:	06/11/1991				
Spill Time:	08:30				
Medium Desc:	Land				
Damage/Amt:	Yes / \$0.00				
Evacuation:	No	Injured:	None		
Fatalities:	None	Disch Org:	ARCO		
Notes:	NONE				
Disch Add:	17315 STUDEBAKER				
	CERRITOS, CA 90701				
Disch County:	LOS ANGELES	C.G. Unit:	Not reported		
Cause:	EQUIPMENT FAILURE				
Spilled Material	Total Qty	In Water	Undot	Cas	Qty
GASOLINE	0.00 UNK	0.00	UN1203	800661	0.00 lbs.
Description:	WELL FULL SYSTEM FAILURE TEST-UNK EXTENT OF CONTAMINATION				
Resp Action:	FURTHER INVESTIGATION NEEDED BEFORE CLEANUP				
Misc. Info:	Not reported				
Location :	#5181 - 572 SOUTH MOUNTH VERNON AVE				

**CALTRANS PANARAMA PT.MAINT.ST.
HWY 18, MILEPOST 15.84
SAN BERNARDINO, CA 92410**

LUST S101308124
N/A

State LUST:

Cross Street:	Not reported
Qty Leaked:	Not reported
Case Number	083602372T
Reg Board:	8
Chemical:	Diesel
Lead Agency:	Local Agency
Local Agency :	0
Case Type:	Soil only
Status:	No Action
Review Date:	Not reported
Workplan:	1/1/65
Pollution Char:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Close Date:	Not reported
Release Date:	11/02/1993
Cleanup Fund Id :	Not reported
Discover Date :	09/13/1993
Enforcement Dt :	Not reported
Enf Type:	Not reported
Enter Date :	01/12/1994
Funding:	Federal Funds
Staff Initials:	CR2
How Discovered:	Tank Closure
How Stopped:	Not reported
Interim :	Not reported
Leak Cause:	UNK

Confirm Leak:	Not reported
Prelim Assess:	1/1/65
Remed Plan:	Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number	EPA ID Number
CALTRANS PANARAMA PT.MAINT.ST. \ (Continued\)		S101308124	
Leak Source: UNK MTBE Date : / / Max MTBE GW : 0 Parts per Billion MTBE Tested: Not Required to be Tested. Priority: Not reported Local Case # : Not reported Beneficial: Not reported Staff : VJJ GW Qualifier : Not reported Max MTBE Soil : Not reported Soil Qualifier : Not reported Hydr Basin #: Not reported Operator : Not reported Oversight Prgm: Local Oversight Program UST Oversight Prgm : LOP Review Date : 01/11/1994 Stop Date : 09/13/1993 Work Suspended : Not reported Responsible Party: CALTRANS RP Address: 247 W. THIRD ST., SAN BERNARDINO, CA 92415 Global Id: T0607100307 Org Name: Not reported Contact Person: Not reported MTBE Conc: 0 Mtbe Fuel: 0 Water System Name: Not reported Well Name: Not reported Distance To Lust: 0 Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported			
LUST Region 8:			
Region: 8			
Substance: 12034	Cross Street:	Not reported	
Regional Board: 08			
Local Case Num: 93059			
Facility Status: Preliminary site assessment underway			
Staff: VALERIE JAHN			
Lead Agency: Local Agency			
Local Agency: 36000L			
Qty Leaked: Not reported			
County: San Bernardino			
Review Date: Not reported	Confirm Leak:	Not reported	
Workplan: 1/1/65	Prelim Assess:	1/1/65	
Pollution Char: Not reported	Remed Plan:	Not reported	
Remed Action: Not reported	Monitoring:	Not reported	
Close Date: 05/23/1997			
Cleanup Fund Id : Not reported			
Discover Date : 09/13/1993			
Enforcement Dt : Not reported			
Enf Type: Not reported			
Enter Date : 01/12/1994			
Funding: Federal Funds			
Staff Initials: Not reported			
How Discovered: Tank Closure			
How Stopped: Not reported			
Interim : Not reported			

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CALTRANS PANARAMA PT.MAINT.ST. \Continued\		S101308124
Lat/Lon : 34.10841 / -117.289703 Leak Cause: UNK Leak Source: UNK Beneficial: Not reported MTBE Date : Not reported MTBE Tested : NRQ Max MTBE GW : Not reported GW Qualifies : Not reported Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Operator : Not reported Oversight Prgm : LOP Priority : Not reported Work Suspended :Not reported Responsible PartyCALTRANS Well name: Not reported Distance From Lust: 1641.9654144366364194230856781 Waste Disch Global Id: Not reported MTBE Class: * Waste Disch Assigned Name: Not reported Case Type: Soil only Global ID: T0607100307 How Stopped Date: 09/13/1993 Organization Name: Not reported Contact Person: Not reported RP Address: 247 W. THIRD ST., SAN BERNARDINO, CA 92415 MTBE Concentration: 0 MTBE Fuel: 0 Case Number: 083602372T Water System Name: Not reported Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported State Expalnation: SITE WORKPLAN UNDERWAY Substance: DIESEL Staff: VALERIE JAHN Case Type: S Summary: Not reported		

HECTOR CERDA
1962 W AVE RIALTO
SAN BERNARDINO, CA 92410

HAZNET S105082694
N/A

HAZNET:
 Gepaid: CAC001181616
 TSD EPA ID: CAT080013352
 Gen County: San Bernardino
 Tsd County: Los Angeles
 Tons: .2293
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: HECTOR CERDA
 Telephone: \909\ 383-0307
 Mailing Address: 1962 W AVE RIALTO
 SAN BERNARDINO, CA 92410
 County San Bernardino

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL #3444 25716 E BASELINE SAN BERNARDINO, CA 92410	CA FID UST Cortese LUST	S101591332 N/A
FID:		
Facility ID:	36004880	Regulate ID: 00019986
Reg By:	Active Underground Storage Tank Location	
Cortese Code:	Not reported	SIC Code: Not reported
Status:	Active	Facility Tel: Not reported
Mail To:	Not reported	
	25716 E BASELINE	
	SAN BERNARDINO, CA 92410	
Contact:	Not reported	Contact Tel: Not reported
DUNs No:	Not reported	NPDES No: Not reported
Creation:	10/22/93	Modified: 00/00/00
EPA ID:	Not reported	
Comments:	Not reported	
CORTESE:		
Reg Id:	083600805T	
Region:	CORTESE	
Reg By:	Leaking Underground Storage Tanks	
State LUST:		
Cross Street:	STERLING	
Qty Leaked:	Not reported	
Case Number	083600805T	
Reg Board:	8	
Chemical:	Gasoline	
Lead Agency:	Local Agency	
Local Agency :	0	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	07/06/1993	Confirm Leak: 07/06/1993
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	05/01/1994	
Release Date:	01/25/1994	
Cleanup Fund Id :	Not reported	
Discover Date :	07/06/1993	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	08/14/1987	
Funding:	Not reported	
Staff Initials:	LH6	
How Discovered:	Tank Closure	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	UNK	
Leak Source:	UNK	
MTBE Date :	/ /	
Max MTBE GW :	0 Parts per Billion	
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.	
Priority:	Not reported	
Local Case # :	87046	
Beneficial:	Not reported	
Staff :	NOM	
GW Qualifier :	Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
<hr/>		
UNOCAL #3444 \Continued\		S101591332
<div>Max MTBE Soil : Not reported</div> <div>Soil Qualifier : Not reported</div> <div>Hydr Basin #: Not reported</div> <div>Operator : Not reported</div> <div>Oversight Prgm: LUST</div> <div>Oversight Prgm : LUST</div> <div>Review Date : 04/13/1994</div> <div>Stop Date : 07/06/1993</div> <div>Work Suspended :Not reported</div> <div>Responsible PartyDENNIS CARLSON</div> <div>RP Address: 1432 N. MAIN STREET</div> <div>Global Id: T0607100087</div> <div>Org Name: Not reported</div> <div>Contact Person: Not reported</div> <div>MTBE Conc: 0</div> <div>Mtbe Fuel: 1</div> <div>Water System Name: Not reported</div> <div>Well Name: Not reported</div> <div>Distance To Lust: 0</div> <div>Waste Discharge Global ID: Not reported</div> <div>Waste Disch Assigned Name: Not reported</div>		
LUST Region 8:		
Region: 8		
Substance: 8006619	Cross Street:	STERLING
Regional Board: 08		
Local Case Num: 87046		
Facility Status: Case Closed		
Staff: NANCY OLSON MARTIN		
Lead Agency: Local Agency		
Local Agency: 36000L		
Qty Leaked: Not reported		
County: San Bernardino		
Review Date: 7/6/93	Confirm Leak:	7/6/93
Workplan: Not reported	Prelim Assess:	Not reported
Pollution Char: Not reported	Remed Plan:	Not reported
Remed Action: Not reported	Monitoring:	Not reported
Close Date: 05/01/1994		
Cleanup Fund Id : Not reported		
Discover Date : 07/06/1993		
Enforcement Dt : Not reported		
Enf Type: Not reported		
Enter Date : 08/14/1987		
Funding: Not reported		
Staff Initials: LH6		
How Discovered: Tank Closure		
How Stopped: Not reported		
Interim : Not reported		
Lat/Lon : 34.1210952 / -117.2432627		
Leak Cause: UNK		
Leak Source: UNK		
Beneficial: Not reported		
MTBE Date : Not reported		
MTBE Tested : NT		
Max MTBE GW : Not reported		
GW Qualifies : Not reported		
Max MTBE Soil : Not reported		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL #3444 \ (Continued)		S101591332
Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Operator : Not reported Oversight Prgm : LUST Priority : Not reported Work Suspended :Not reported Responsible PartyDENNIS CARLSON Well name: WELL 28-GAC EFFLUENT VESSEL NO. 2 Distance From Lust: 2056.0827287044673618783730468 Waste Disch Global Id: W0607110064 MTBE Class: * Waste Disch Assigned Name: 3610064-28GAC2 Case Type: Soil only Global ID: T0607100087 How Stopped Date: 07/06/1993 Organization Name: Not reported Contact Person: Not reported RP Address: 1432 N. MAIN STREET MTBE Concentration: 0 MTBE Fuel: 1 Case Number: 083600805T Water System Name: EAST VALLEY WD Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported State Expalnation: CASE CLOSED Substance: GASOLINE Staff: NANCY OLSON MARTIN Case Type: S Summary: Not reported		
SECCOMBE LAKE STATE REC AREA 7TH ST BETW SERRIA & WATERMAN SAN BERNARDINO, CA 92410	CERC-NFRAP	1003878981 CAD981576507
CERCLIS-NFRAP Classification Data: Site Incident CategoryNot reported Non NPL Code: NFRAP Ownership Status: Unknown CERCLIS-NFRAP Assessment History: Assessment: DISCOVERY Assessment: PRELIMINARY ASSESSMENT Assessment: ARCHIVE SITE Assessment: PRELIMINARY ASSESSMENT	Federal Facility: Not a Federal Facility NPL Status: Not on the NPL Completed: 11/01/1986 Completed: 06/01/1987 Completed: 02/01/1988 Completed: 02/01/1988	
UNOCAL SERVICE STATION #5961 I-15/HWY 138 SAN BERNARDINO, CA 92410	HAZNET	S103679012 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UNOCAL SERVICE STATION #5961 \Continued\		S103679012

HAZNET:

Gepaid: CAL000046607
 TSD EPA ID: CAT080013352
 Gen County: San Bernardino
 Tsd County: Los Angeles
 Tons: 1.8765
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Contact: UNION OIL COMPANY OF CALIFORNI
 Telephone: \714\ 428-6560
 Mailing Address: PO BOX 25376
 SANTA ANA, CA 92799 - 5376
 County San Bernardino
 Gepaid: CAL000046607
 TSD EPA ID: IRC957100891
 Gen County: San Bernardino
 Tsd County: 99
 Tons: .3371
 Waste Category: Asbestos-containing waste
 Disposal Method: Disposal, Land Fill
 Contact: UNION OIL COMPANY OF CALIFORNI
 Telephone: \714\ 428-6560
 Mailing Address: PO BOX 25376
 SANTA ANA, CA 92799 - 5376
 County San Bernardino

CIRCLE K STORES INC STATION #5700
I-5/HWY 138
SAN BERNARDINO, CA 92410

HAZNET S104580102
N/A

HAZNET:

Gepaid: CAL000169299
 TSD EPA ID: CAT080013352
 Gen County: San Bernardino
 Tsd County: Los Angeles
 Tons: .1292
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Contact: TOSCO MARKETING
 Telephone: \602\ 728-4180
 Mailing Address: P O BOX 52085
 PHOENIX, AZ 85072 - 2085
 County San Bernardino
 Gepaid: CAL000169299
 TSD EPA ID: CAD029999019
 Gen County: San Bernardino
 Tsd County: 0
 Tons: 2.0016
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Treatment, Tank
 Contact: TOSCO MARKETING
 Telephone: \602\ 728-4180
 Mailing Address: P O BOX 52085
 PHOENIX, AZ 85072 - 2085
 County San Bernardino

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CIRCLE K STORES INC STATION #5700 \Continued\		S104580102
<p>Gepaid: CAL000169299</p> <p>TSD EPA ID: CAD028409019</p> <p>Gen County: San Bernardino</p> <p>Tsd County: Los Angeles</p> <p>Tons: 0.075</p> <p>Waste Category: Aqueous solution with less than 10% total organic residues</p> <p>Disposal Method: Treatment, Tank</p> <p>Contact: TOSCO MARKETING</p> <p>Telephone: \602\ 728-4180</p> <p>Mailing Address: P O BOX 52085</p> <p>PHOENIX, AZ 85072 - 2085</p> <p>County San Bernardino</p> <p>Gepaid: CAL000169299</p> <p>TSD EPA ID: CAD028409019</p> <p>Gen County: San Bernardino</p> <p>Tsd County: Los Angeles</p> <p>Tons: 0.2</p> <p>Waste Category: Unspecified aqueous solution</p> <p>Disposal Method: Transfer Station</p> <p>Contact: HAZMAT SPECIALIST</p> <p>Telephone: \602\ 728-4180</p> <p>Mailing Address: PO BOX 52085</p> <p>PHOENIX, AZ 85072 - 2085</p> <p>County San Bernardino</p>		

ALTA DENA DAIRY
341 MOUNT VERNON AVE
SAN BERNARDINO, CA 92410

Cortese **S100727496**
LUST **N/A**

CORTESE:
 Reg Id: 083600027T
 Region: CORTESE
 Reg By: Leaking Underground Storage Tanks

State LUST:
 Cross Street: BIRCH
 Qty Leaked: Not reported
 Case Number 083600027T
 Reg Board: 8
 Chemical: Gasoline
 Lead Agency: Regional Board
 Local Agency : 0
 Case Type: Soil only
 Status: Case Closed
 Review Date: 12/01/1985
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 08/25/1998
 Release Date: 12/04/1985
 Cleanup Fund Id : Not reported
 Discover Date : 12/04/1985
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 05/12/1987
 Funding: Not reported
 Staff Initials: CR2

Confirm Leak: 12/01/1985
 Prelim Assess: Not reported
 Remed Plan: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number	EPA ID Number
ALTA DENA DAIRY \ (Continued\)		S100727496	
How Discovered: OM			
How Stopped: Not reported			
Interim : Not reported			
Leak Cause: Structure Failure			
Leak Source: Piping			
MTBE Date : / /			
Max MTBE GW : 0 Parts per Billion			
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.			
Priority: Not reported			
Local Case # : 90214			
Beneficial: Not reported			
Staff : NOM			
GW Qualifier : Not reported			
Max MTBE Soil : Not reported			
Soil Qualifier : Not reported			
Hydr Basin #: Not reported			
Operator : Not reported			
Oversight Prgm: RB Lead Underground Storage Tank			
Oversight Prgm : UST			
Review Date : 08/25/1998			
Stop Date : / /			
Work Suspended :Not reported			
Responsible Party:WILLIS, HAROLD W			
RP Address: P.O. BOX 5607, SAN BERNARDINO, CA 92412			
Global Id: T0607100005			
Org Name: Not reported			
Contact Person: Not reported			
MTBE Conc: 0			
Mtbe Fuel: 1			
Water System Name: Not reported			
Well Name: Not reported			
Distance To Lust: 0			
Waste Discharge Global ID: Not reported			
Waste Disch Assigned Name: Not reported			
LUST Region 8:			
Region: 8			
Substance: 8006619	Cross Street:	BIRCH	
Regional Board: 08			
Local Case Num: 90214			
Facility Status: Case Closed			
Staff: NANCY OLSON MARTIN			
Lead Agency: Regional Board			
Local Agency: 36000L			
Qty Leaked: Not reported			
County: San Bernardino			
Review Date: 12/1/85	Confirm Leak:	12/1/85	
Workplan: Not reported	Prelim Assess:	Not reported	
Pollution Char: Not reported	Remed Plan:	Not reported	
Remed Action: Not reported	Monitoring:	Not reported	
Close Date: 08/25/1998			
Cleanup Fund Id : Not reported			
Discover Date : 12/04/1985			
Enforcement Dt : Not reported			
Enf Type: Not reported			
Enter Date : 05/12/1987			
Funding: Not reported			

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ALTA DENA DAIRY \ (Continued\)		S100727496
Staff Initials: CR2 How Discovered: OM How Stopped: Not reported Interim : Not reported Lat/Lon : 34.0954599 / -117.31366 Leak Cause: Structure Failure Leak Source: Piping Beneficial: Not reported MTBE Date : Not reported MTBE Tested : NT Max MTBE GW : Not reported GW Qualifies : Not reported Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Operator : Not reported Oversight Prgm : UST Priority : Not reported Work Suspended :Not reported Responsible Party:WILLIS, HAROLD W Well name: WELL 06 - DESTROYED Distance From Lust: 1019.7968745262818130073524233 Waste Disch Global Id: W0607110014 MTBE Class: * Waste Disch Assigned Name: 01S/04W-08R06 S Case Type: Soil only Global ID: T0607100005 How Stopped Date: / / Organization Name: Not reported Contact Person: Not reported RP Address: P.O. BOX 5607, SAN BERNARDINO, CA 92412 MTBE Concentration: 0 MTBE Fuel: 1 Case Number: 083600027T Water System Name: COLTON, CITY OF Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported State Expalnation: CASE CLOSED Substance: GASOLINE Staff: NANCY OLSON MARTIN Case Type: S Summary: THE SITE HAS ONE GW MW 1-AB. THE WELL IS REPORTED A DRY. THE RP IS PLANING TO REMOVE THE TANKS SOON \ (9/25/90\) 		

ARCO #5181
572 MOUNT VERNON AVE
SAN BERNARDINO, CA 92410

Cortese S104750531
LUST N/A

CORTESE:
 Reg Id: 083601349T
 Region: CORTESE
 Reg By: Leaking Underground Storage Tanks

State LUST:
 Cross Street: ESPERANZA
 Qty Leaked: Not reported
 Case Number 083601349T
 Reg Board: 8

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ARCO #5181 \Continued\		S104750531
Chemical: Gasoline Lead Agency: Regional Board Local Agency : 0 Case Type: Aquifer affected Status: No Action Review Date: 09/18/1989 Workplan: 11/15/89 Pollution Char: 11/30/01 Remed Action: 10/6/95 Monitoring: Not reported Close Date: Not reported Release Date: 11/14/1989 Cleanup Fund Id : Not reported Discover Date : 09/18/1989 Enforcement Dt : 1/1/65 Enf Type: None Taken Enter Date : 11/04/1989 Funding: Not reported Staff Initials: CR2 How Discovered: OM How Stopped: Not reported Interim : Not reported Leak Cause: UNK Leak Source: UNK MTBE Date : 02/29/1996 Max MTBE GW : 80000 Parts per Billion MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected Priority: Not reported Local Case # : 90036 Beneficial: Not reported Staff : VJJ GW Qualifier : = Max MTBE Soil : Not reported Soil Qualifier : Not reported Hydr Basin #: Not reported Operator : Not reported Oversight Prgm: RB Lead Underground Storage Tank Oversight Prgm : UST Review Date : 09/19/2002 Stop Date : 09/18/1989 Work Suspended :Not reported Responsible PartyRoy Thun RP Address: 4 CENTER POINTE DR. Global Id: T0607100160 Org Name: Not reported Contact Person: Not reported MTBE Conc: 4 Mtbe Fuel: 1 Water System Name: Not reported Well Name: Not reported Distance To Lust: 0 Waste Discharge Global ID: Not reported Waste Disch Assigned Name: Not reported	Confirm Leak: 09/18/1989 Prelim Assess: 11/15/89 Remed Plan: 11/30/01	
LUST Region 8:		
Region: 8		
Substance: 8006619	Cross Street: ESPERANZA	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ARCO #5181 \Continued\		S104750531
Regional Board: 08 Local Case Num: 90036 Facility Status: Remediation Plan Staff: VALERIE JAHN Lead Agency: Regional Board Local Agency: 36000L Qty Leaked: Not reported County: San Bernardino Review Date: 9/18/89 Workplan: 11/15/89 Pollution Char: 11/30/01 Remed Action: Not reported Close Date: Not reported Cleanup Fund Id : Not reported Discover Date : 09/18/1989 Enforcement Dt : 1/1/65 Enf Type: None Taken Enter Date : 11/04/1989 Funding: Not reported Staff Initials: CR2 How Discovered: OM How Stopped: Not reported Interim : Not reported Lat/Lon : 34.0906941 / -117.313579 Leak Cause: UNK Leak Source: UNK Beneficial: Not reported MTBE Date : 2/29/96 MTBE Tested : YES Max MTBE GW : 80000 GW Qualifies : = Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: UPPER SANTA ANA VALL Operator : Not reported Oversight Prgm : UST Priority : Not reported Work Suspended :Not reported Responsible PartyRoy Thun Well name: WELL 06 - DESTROYED Distance From Lust: 1538.0532966184983483712261863 Waste Disch Global Id: W0607110014 MTBE Class: A Waste Disch Assigned Name: 01S/04W-08R06 S Case Type: Aquifer used for Drinking Water supply has been contaminated Global ID: T0607100160 How Stopped Date: 09/18/1989 Organization Name: Not reported Contact Person: Not reported RP Address: 4 CENTER POINTE DR. MTBE Concentration: 4 MTBE Fuel: 1 Case Number: 083601349T Water System Name: COLTON, CITY OF Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported	Confirm Leak: 9/18/89 Prelim Assess: 11/15/89 Remed Plan: 11/30/01 Monitoring: Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
ARCO #5181 \Continued\		S104750531
State Expalnation: REMEDIAITON PLAN SUBMITTED		
Substance: GASOLINE		
Staff: VALERIE JAHN		
Case Type: A		
Summary: 10/6/95 - VAPOR EXTRACTION BEGAN 12/17/99 - the remedial approach may be revised.		
SOUTH WESTERN MOTORS	CA FID UST	S101591348
791 N MT VERNON	San Bern. Co. Permit	N/A
SAN BERNARDINO, CA 92410		
FID:		
Facility ID: 36005215	Regulate ID: Not reported	
Reg By: Active Underground Storage Tank Location		
Cortese Code: Not reported	SIC Code: Not reported	
Status: Active	Facility Tel: Not reported	
Mail To: Not reported		
4625 GENEVIEVE		
SAN BERNARDINO, CA 92410		
Contact: Not reported	Contact Tel: Not reported	
DUNs No: Not reported	NPDES No: Not reported	
Creation: 10/22/93	Modified: 00/00/00	
EPA ID: Not reported		
Comments: Not reported		
DEHS Permit:		
Facility ID: PT0003068		
Facility Status: ACTIVE		
Permit Category: Special Generator\B\		
Expiration Date: 11/30/2003		
Facility ID: PT0003069		
Facility Status: ACTIVE		
Permit Category: Special Handler		
Expiration Date: 11/30/2003		
572 S MT VERNON AV	CHMIRS	S104763869
SAN BERNARDINO, CA 02687	San Bern. Co. Permit	N/A
CHMIRS:		
OES Control Number: 97-3757		
Chemical Name: Gasoline		
Extent of Release: Not reported		
Property Use: Not reported		
Incident Date: Not reported		
Date Completed: Not reported		
Time Completed : Not reported		
Agency Id Number : Not reported		
Agency Incident Number : Not reported		
OES Incident Number : 97-3757		
Time Notified : Not reported		
Surrounding Area : Not reported		
Estimated Temperature : Not reported		
Property Management : Not reported		
More Than Two Substances Involved? : Not reported		
Special Studies 1 : Not reported		
Special Studies 2 : Not reported		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\\(Continued\\)		S104763869
Special Studies 3 :	Not reported	
Special Studies 4 :	Not reported	
Special Studies 5 :	Not reported	
Special Studies 6 :	Not reported	
Responding Agency Personel # Of Injuries :	0	
Responding Agency Personel # Of Fatalities :	0	
Resp Agncy Personel # Of Decontaminated :	Not reported	
Others Number Of Decontaminated :	Not reported	
Others Number Of Injuries :	Not reported	
Others Number Of Fatalities :	Not reported	
Vehicle Make/year :	Not reported	
Vehicle License Number :	Not reported	
Vehicle State :	Not reported	
Vehicle Id Number :	Not reported	
CA/DOT/PUC/ICC Number :	Not reported	
Company Name :	Not reported	
Reporting Officer Name/ID :	Not reported	
Report Date :	Not reported	
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	No	
Waterway :	Not reported	
Spill Site :	Service Station	
Cleanup By :	Reporting Party	
Containment :	Yes	
What Happened :	Customer drove off with nozel in gas tank. Product did not reach street, storm drain or gutters. Spill has been cleaned up.	
Type :	PETROLEUM	
Other :	Not reported	
Chemical 1 :	Not Reported	
Chemical 2 :	Not Reported	
Chemical 3 :	Not Reported	
Date/Time :	9/24/97	
Evacuations :	0	
DEHS Permit:		
Facility ID:	PT0011604	
Facility Status:	ACTIVE	
Permit Category:	UST Ownership/Operating Permit \\(per UST\\)	
Expiration Date:	09/30/2003	
Facility ID:	PT0011605	
Facility Status:	ACTIVE	
Permit Category:	UST Ownership/Operating Permit \\(per UST\\)	
Expiration Date:	09/30/2003	
Facility ID:	PT0011606	
Facility Status:	ACTIVE	
Permit Category:	UST Ownership/Operating Permit \\(per UST\\)	
Expiration Date:	09/30/2003	
Facility ID:	PT0002734	
Facility Status:	ACTIVE	
Permit Category:	Hazmat Handler - UST Only	
Expiration Date:	09/30/2003	

DETAILED ORPHAN LISTING

Site	Database(s)			EDR ID Number	EPA ID Number
572 SOUTH MT. VERNON AVE 572 SOUTH MT. VERNON AVE SAN BERNARDINO, CA 92410	ERNS			93305252	N/A
Site ID:	93305252				
Site Location:	572 SOUTH MT. VERNON AVE SAN BERNARDINO, CA 92410- SAN BERNARDINO County				
Report No:	Not reported				
EPA Region:	09				
Spill Date:	01/22/1993				
Spill Time:	12:30				
Medium Desc:	Water				
Damage/Amt:	Yes / \$0.00				
Evacuation:	No	Injured:	None		
Fatalities:	None	Disch Org:	ARCO		
Notes:	Not reported				
Disch Add:	17315 STUDEBAKER CERRITOS, CA 90701				
Disch County:	LOS ANGELES	C.G. Unit:	Not reported		
Cause:	Not reported				
Spilled Material	Total Qty	In Water	Undot	Cas	Qty
GASOLINE	0.00 UNK	0.00 UNK	UN1203	800661	0.00 lbs.
Description:	MINIMAL AMOUNT LEAKING FROM PRODUCT LINE LEAK DETECTOR				
Resp Action:	SHUT DOWN, REPLACED LEAK DETECTOR				
Misc. Info:	Not reported				
Location :	572 SOUTH MT. VERNON AVE				

UNION OIL SERVICE STATION #606	CA FID UST	S101619559
3003 E ST	Cortese	N/A
SAN BERNARDINO, CA 92410	LUST	

FID:

Facility ID:	36000711	Regulate ID:	00013606
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported		
	3003 E ST		
	SAN BERNARDINO, CA 92410		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

CORTESE:

Reg Id: 083601008T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

State LUST:

Cross Street:	30TH STREET
Qty Leaked:	Not reported
Case Number	083601008T
Reg Board:	8
Chemical:	Unleaded Gasoline
Lead Agency:	Local Agency
Local Agency :	0
Case Type:	Soil only
Status:	No Action

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number	EPA ID Number
UNION OIL SERVICE STATION #606 \ (Continued)		S101619559	
Review Date: Not reported	Confirm Leak: Not reported		
Workplan: Not reported	Prelim Assess: Not reported		
Pollution Char: Not reported	Remed Plan: Not reported		
Remed Action: Not reported			
Monitoring: Not reported			
Close Date: 06/29/1988			
Release Date: 06/28/1988			
Cleanup Fund Id : Not reported			
Discover Date : 04/19/1988			
Enforcement Dt : Not reported			
Enf Type: Not reported			
Enter Date : 08/24/1988			
Funding: Not reported			
Staff Initials: Not reported			
How Discovered: Tank Closure			
How Stopped: Not reported			
Interim : Not reported			
Leak Cause: Overfill			
Leak Source: UNK			
MTBE Date : / /			
Max MTBE GW : 0 Parts per Billion			
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.			
Priority: Not reported			
Local Case # : 87050			
Beneficial: Not reported			
Staff : NOM			
GW Qualifier : Not reported			
Max MTBE Soil : Not reported			
Soil Qualifier : Not reported			
Hydr Basin #: Not reported			
Operator : HENRY, BARRY			
Oversight Prgm: LUST			
Oversight Prgm : LUST			
Review Date : 08/25/1988			
Stop Date : 04/19/1988			
Work Suspended :Not reported			
Responsible Party:DEBORAH J. MILLER			
RP Address: P.O. BOX 7600			
Global Id: T0607100112			
Org Name: Not reported			
Contact Person: Not reported			
MTBE Conc: 0			
Mtbe Fuel: 1			
Water System Name: Not reported			
Well Name: Not reported			
Distance To Lust: 0			
Waste Discharge Global ID: Not reported			
Waste Disch Assigned Name: Not reported			
LUST Region 8:			
Region: 8			
Substance: 12031	Cross Street: 30TH STREET		
Regional Board: 08			
Local Case Num: 87050			
Facility Status: Pollution Characterization			
Staff: NANCY OLSON MARTIN			
Lead Agency: Local Agency			

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number	EPA ID Number
UNION OIL SERVICE STATION #606 \ (Continued)		S101619559	
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	06/29/1988		
Cleanup Fund Id :	Not reported		
Discover Date :	04/19/1988		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	08/24/1988		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Not reported		
Interim :	Not reported		
Lat/Lon :	34.1462721 / -117.2940127		
Leak Cause:	Overfill		
Leak Source:	UNK		
Beneficial:	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	UPPER SANTA ANA VALL		
Operator :	HENRY, BARRY		
Oversight Prgm :	LUST		
Priority :	Not reported		
Work Suspended :	Not reported		
Responsible Party	DEBORAH J. MILLER		
Well name:	27 TH AND ACACIA STREET		
Distance From Lust:	1822.7915401205712137038602115		
Waste Disch Global Id:	W0607110039		
MTBE Class:	*		
Waste Disch Assigned Name:	01N/04W-27M02 S		
Case Type:	Soil only		
Global ID:	T0607100112		
How Stopped Date:	04/19/1988		
Organization Name:	Not reported		
Contact Person:	Not reported		
RP Address:	P.O. BOX 7600		
MTBE Concentration:	0		
MTBE Fuel:	1		
Case Number:	083601008T		
Water System Name:	SAN BERNARDINO, CITY OF		
Code Name:	SAN BERNARDINO		
Agency Name:	Not reported		
Priority:	Not reported		
State Expalnation:	POLLUTION CHARACTERIZATION		
Substance:	UNLEAD GASOLINE		
Staff:	NANCY OLSON MARTIN		
Case Type:	S		
Summary:	Not reported		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
INLAND BEVERAGE COMPANY 223 G ST SAN BERNARDINO, CA 92410	Cortese LUST	S104751426 N/A
CORTESE: Reg Id: 083600194T Region: CORTESE Reg By: Leaking Underground Storage Tanks		
State LUST: Cross Street: CONGRESS Qty Leaked: Not reported Case Number 083600194T Reg Board: 8 Chemical: Regular Gasoline Lead Agency: Regional Board Local Agency : 0 Case Type: Aquifer affected Status: Case Closed Abate Method: Remove Free Product - remove floating product from water table Review Date: Not reported Workplan: Not reported Pollution Char: 12/14/88 Remed Action: 3/20/94 Monitoring: Not reported Close Date: 10/28/1997 Release Date: 08/06/1986 Cleanup Fund Id : Not reported Discover Date : 07/15/1986 Enforcement Dt : 1/1/65 Enf Type: None Taken Enter Date : 12/31/1986 Funding: Not reported Staff Initials: Not reported How Discovered: Not reported How Stopped: Not reported Interim : Yes Leak Cause: Corrosion Leak Source: Tank MTBE Date : / / Max MTBE GW : 0 Parts per Billion MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed. Priority: Not reported Local Case # : 90212 Beneficial: Not reported Staff : PAH GW Qualifier : Not reported Max MTBE Soil : Not reported Soil Qualifier : Not reported Hydr Basin #: Not reported Operator : MASON, TOMMY Oversight Prgm: RB Lead Underground Storage Tank Oversight Prgm : UST Review Date : 10/21/1997 Stop Date : 07/15/1986 Work Suspended :Not reported Responsible PartySAFARI KAR RP Address: 24147 E. 6TH STREET, SAN BERNARDINO, CA 92410 Global Id: T0607100024		
Confirm Leak: Not reported Prelim Assess: Not reported Remed Plan: 12/14/88		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
INLAND BEVERAGE COMPANY \ (Continued)		S104751426
Org Name: Not reported		
Contact Person: Not reported		
MTBE Conc: 0		
Mtbe Fuel: 1		
Water System Name: Not reported		
Well Name: Not reported		
Distance To Lust: 0		
Waste Discharge Global ID: Not reported		
Waste Disch Assigned Name: Not reported		
LUST Region 8:		
Region: 8		
Substance: 12032	Cross Street: CONGRESS	
Regional Board: 08		
Local Case Num: 90212		
Facility Status: Case Closed		
Staff: PATRICIA HANNON		
Lead Agency: Regional Board		
Local Agency: 36000L		
Abate Method: Remove Free Product - remove floating product from water table		
Qty Leaked: Not reported		
County: San Bernardino		
Review Date: Not reported	Confirm Leak: Not reported	
Workplan: Not reported	Prelim Assess: Not reported	
Pollution Char: 12/14/88	Remed Plan: 12/14/88	
Remed Action: Not reported	Monitoring: Not reported	
Close Date: 10/28/1997		
Cleanup Fund Id : Not reported		
Discover Date : 07/15/1986		
Enforcement Dt : 1/1/65		
Enf Type: None Taken		
Enter Date : 12/31/1986		
Funding: Not reported		
Staff Initials: Not reported		
How Discovered: Not reported		
How Stopped: Not reported		
Interim : Yes		
Lat/Lon : 34.0979259 / -117.2985305		
Leak Cause: Corrosion		
Leak Source: Tank		
Beneficial: Not reported		
MTBE Date : Not reported		
MTBE Tested : NT		
Max MTBE GW : Not reported		
GW Qualifies : Not reported		
Max MTBE Soil : Not reported		
Soil Qualifies : Not reported		
Hydr Basin #: UPPER SANTA ANA VALL		
Operator : MASON, TOMMY		
Oversight Prgm : UST		
Priority : Not reported		
Work Suspended :Not reported		
Responsible PartySAFARI KAR		
Well name: MILL AND D STREET WELL 182		
Distance From Lust: 1815.251131522883721528497002		
Waste Disch Global Id: W0607110039		
MTBE Class: *		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
INLAND BEVERAGE COMPANY \ (Continued)		S104751426
Waste Disch Assigned Name: 01S/04W-10N06 S Case Type: Aquifer used for Drinking Water supply has been contaminated Global ID: T0607100024 How Stopped Date: 07/15/1986 Organization Name: Not reported Contact Person: Not reported RP Address: 24147 E. 6TH STREET, SAN BERNARDINO, CA 92410 MTBE Concentration: 0 MTBE Fuel: 1 Case Number: 083600194T Water System Name: SAN BERNARDINO, CITY OF Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported State Expalnation: CASE CLOSED Substance: REGULR GASOLINE Staff: PATRICIA HANNON Case Type: A Summary: Not reported		
CHEVRON 598 H ST SAN BERNARDINO, CA 92410	Cortese LUST	S105027763 N/A
CORTESE: Reg Id: 083602322T Region: CORTESE Reg By: Leaking Underground Storage Tanks		
State LUST: Cross Street: 6T Qty Leaked: Not reported Case Number: 083602322T Reg Board: 8 Chemical: Gasoline Lead Agency: Local Agency Local Agency : 0 Case Type: Soil only Status: Case Closed Review Date: Not reported Workplan: Not reported Pollution Char: Not reported Remed Action: Not reported Monitoring: Not reported Close Date: 02/07/1994 Release Date: 08/03/1993 Cleanup Fund Id : Not reported Discover Date : 08/03/1993 Enforcement Dt : Not reported Enf Type: Not reported Enter Date : 09/24/1993 Funding: Not reported Staff Initials: Not reported How Discovered: Tank Closure How Stopped: Not reported Interim : Not reported Leak Cause: UNK Leak Source: UNK MTBE Date : / /	Confirm Leak: Not reported Prelim Assess: Not reported Remed Plan: Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CHEVRON \ (Continued\)		S105027763
<p>Max MTBE GW : 0 Parts per Billion</p> <p>MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.</p> <p>Priority: Not reported</p> <p>Local Case # : 93043</p> <p>Beneficial: Not reported</p> <p>Staff : RS</p> <p>GW Qualifier : Not reported</p> <p>Max MTBE Soil : Not reported</p> <p>Soil Qualifier : Not reported</p> <p>Hydr Basin #: Not reported</p> <p>Operator : Not reported</p> <p>Oversight Prgm: Local Oversight Program UST</p> <p>Oversight Prgm : LOP</p> <p>Review Date : 05/10/1994</p> <p>Stop Date : 08/03/1993</p> <p>Work Suspended :Not reported</p> <p>Responsible PartyCHEVRON</p> <p>RP Address: P.O. 2833, LA HABRA CA 90632-2833</p> <p>Global Id: T0607100292</p> <p>Org Name: Not reported</p> <p>Contact Person: Not reported</p> <p>MTBE Conc: 0</p> <p>Mtbe Fuel: 1</p> <p>Water System Name: Not reported</p> <p>Well Name: Not reported</p> <p>Distance To Lust: 0</p> <p>Waste Discharge Global ID: Not reported</p> <p>Waste Disch Assigned Name: Not reported</p>		
LUST Region 8:		
<p>Region: 8</p> <p>Substance: 8006619</p> <p>Regional Board: 08</p> <p>Local Case Num: 93043</p> <p>Facility Status: Case Closed</p> <p>Staff: ROSE SCOTT</p> <p>Lead Agency: Local Agency</p> <p>Local Agency: 36000L</p> <p>Qty Leaked: Not reported</p> <p>County: San Bernardino</p> <p>Review Date: Not reported</p> <p>Workplan: Not reported</p> <p>Pollution Char: Not reported</p> <p>Remed Action: Not reported</p> <p>Close Date: 02/07/1994</p> <p>Cleanup Fund Id : Not reported</p> <p>Discover Date : 08/03/1993</p> <p>Enforcement Dt : Not reported</p> <p>Enf Type: Not reported</p> <p>Enter Date : 09/24/1993</p> <p>Funding: Not reported</p> <p>Staff Initials: Not reported</p> <p>How Discovered: Tank Closure</p> <p>How Stopped: Not reported</p> <p>Interim : Not reported</p> <p>Lat/Lon : 34.1101754 / -117.3010997</p> <p>Leak Cause: UNK</p>	<p>Cross Street: 6T</p> <p>Confirm Leak: Not reported</p> <p>Prelim Assess: Not reported</p> <p>Remed Plan: Not reported</p> <p>Monitoring: Not reported</p>	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CHEVRON \ (Continued\)		S105027763
Leak Source: UNK		
Beneficial: Not reported		
MTBE Date : Not reported		
MTBE Tested : NT		
Max MTBE GW : Not reported		
GW Qualifies : Not reported		
Max MTBE Soil : Not reported		
Soil Qualifies : Not reported		
Hydr Basin #: UPPER SANTA ANA VALL		
Operator : Not reported		
Oversight Prgm : LOP		
Priority : Not reported		
Work Suspended :Not reported		
Responsible PartyCHEVRON		
Well name: Well 01		
Distance From Lust: 1870.6022460180120301675178757		
Waste Disch Global Id: W0607101041		
MTBE Class: *		
Waste Disch Assigned Name: 01S/04W-09B01 S		
Case Type: Soil only		
Global ID: T0607100292		
How Stopped Date: 08/03/1993		
Organization Name: Not reported		
Contact Person: Not reported		
RP Address: P.O. 2833, LA HABRA CA 90632-2833		
MTBE Concentration: 0		
MTBE Fuel: 1		
Case Number: 083602322T		
Water System Name: HOLMES ICE & COLD STORAGE		
Code Name: SAN BERNARDINO		
Agency Name: Not reported		
Priority: Not reported		
State Expalnation: CASE CLOSED		
Substance: GASOLINE		
Staff: ROSE SCOTT		
Case Type: S		
Summary: Not reported		

HWY 58 2 MI WEST OF HWY 359	CHMIRS	S105631217
SAN BERNARDINO COUNTY, CA	EMI	N/A

CHMIRS:

OES Control Number:	27589
Chemical Name:	diesel
Extent of Release:	Not reported
Property Use:	Not reported
Incident Date:	Not reported
Date Completed:	Not reported
Time Completed :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	27589
Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\\(Continued\\)		S105631217
Special Studies 1 :	Not reported	
Special Studies 2 :	Not reported	
Special Studies 3 :	Not reported	
Special Studies 4 :	Not reported	
Special Studies 5 :	Not reported	
Special Studies 6 :	Not reported	
Responding Agency Personel # Of Injuries :	UNKNOWN	
Responding Agency Personel # Of Fatalities :	UNKNOWN	
Resp Agncy Personel # Of Decontaminated :	Not reported	
Others Number Of Decontaminated :	Not reported	
Others Number Of Injuries :	Not reported	
Others Number Of Fatalities :	Not reported	
Vehicle Make/year :	Not reported	
Vehicle License Number :	Not reported	
Vehicle State :	Not reported	
Vehicle Id Number :	Not reported	
CA/DOT/PUC/ICC Number :	Not reported	
Company Name :	Not reported	
Reporting Officer Name/ID :	Not reported	
Report Date :	Not reported	
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	Not reported	
Waterway :	Not reported	
Spill Site :	Not reported	
Cleanup By :	tbd	
Containment :	Not reported	
What Happened :	vehicle accident. big rig and station wagon	
Type :	PETROLEUM	
Other :	Not reported	
Chemical 1 :	Not Reported	
Chemical 2 :	Not Reported	
Chemical 3 :	Not Reported	
Date/Time :	2115	
Evacuations :	UNKNOWN	
OES Control Number:	27589	
Chemical Name:	diesel	
Extent of Release:	Not reported	
Property Use:	Not reported	
Incident Date:	Not reported	
Date Completed:	Not reported	
Time Completed :	Not reported	
Agency Id Number :	Not reported	
Agency Incident Number :	Not reported	
OES Incident Number :	27589	
Time Notified :	Not reported	
Surrounding Area :	Not reported	
Estimated Temperature :	Not reported	
Property Management :	Not reported	
More Than Two Substances Involved? :	Not reported	
Special Studies 1 :	Not reported	
Special Studies 2 :	Not reported	
Special Studies 3 :	Not reported	
Special Studies 4 :	Not reported	
Special Studies 5 :	Not reported	
Special Studies 6 :	Not reported	
Responding Agency Personel # Of Injuries :	UNKNOWN	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

\(Continued\)

S105631217

Responding Agency Personel # Of Fatalities : UNKNOWN
 Resp Agency Personel # Of Decontaminated : Not reported
 Others Number Of Decontaminated : Not reported
 Others Number Of Injuries : Not reported
 Others Number Of Fatalities : Not reported
 Vehicle Make/year : Not reported
 Vehicle License Number : Not reported
 Vehicle State : Not reported
 Vehicle Id Number : Not reported
 CA/DOT/PUC/ICC Number : Not reported
 Company Name : Not reported
 Reporting Officer Name/ID : Not reported
 Report Date : Not reported
 Comments : Not reported
 Facility Telephone Number : Not reported
 Waterway Involved : Not reported
 Waterway : Not reported
 Spill Site : Not reported
 Cleanup By : tbd
 Containment : Not reported
 What Happened : vehicle accident. big rig and station wagon
 Type : PETROLEUM
 Other : Not reported
 Chemical 1 : Not Reported
 Chemical 2 : Not Reported
 Chemical 3 : Not Reported
 Date/Time : 2115
 Evacuations : UNKNOWN

EMISSIONS :

Facility ID : 9659
 Air District Code : SC
 SIC Code : 2833
 Total Priority Score : Not reported
 Health Risk Assessment : Not reported
 Non-cancer Chronic Haz Index : Not reported
 Non-cancer Acute Haz Index : Not reported
 Air Basin : SC
 Air District Name : SOUTH COAST AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 Total Organic Hydrocarbon Gases : Not reported
 Reactive Organic Gases : Not reported
 Carbon Monoxide Emissions : Not reported
 NOX Gas Emissions \(\Nitrogen - Oxygen\) : Not reported
 SOX Gas Emissions \(\Sulphur - Oxygen\) : Not reported

RIALTO LILAC STREET
SAN BERNARDINO COUNTY, CA

CHMIRS S105629377
EMI N/A

CHMIRS:

OES Control Number: 61241
 Chemical Name: Not reported
 Extent of Release: Not reported
 Property Use: Not reported
 Incident Date: Not reported
 Date Completed: Not reported
 Time Completed : Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\\(Continued\\)		S105629377
Agency Id Number :	Not reported	
Agency Incident Number :	Not reported	
OES Incident Number :	61241	
Time Notified :	Not reported	
Surrounding Area :	Not reported	
Estimated Temperature :	Not reported	
Property Management :	Not reported	
More Than Two Substances Involved? :	Not reported	
Special Studies 1 :	Not reported	
Special Studies 2 :	Not reported	
Special Studies 3 :	Not reported	
Special Studies 4 :	Not reported	
Special Studies 5 :	Not reported	
Special Studies 6 :	Not reported	
Responding Agency Personnel # Of Injuries :	NO	
Responding Agency Personnel # Of Fatalities :	NO	
Resp Agency Personnel # Of Decontaminated :	Not reported	
Others Number Of Decontaminated :	Not reported	
Others Number Of Injuries :	Not reported	
Others Number Of Fatalities :	Not reported	
Vehicle Make/year :	Not reported	
Vehicle License Number :	Not reported	
Vehicle State :	Not reported	
Vehicle Id Number :	Not reported	
CA/DOT/PUC/ICC Number :	Not reported	
Company Name :	Not reported	
Reporting Officer Name/ID :	Not reported	
Report Date :	Not reported	
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	Not reported	
Waterway :	Not reported	
Spill Site :	Not reported	
Cleanup By :	Not reported	
Containment :	Not reported	
What Happened :	passenger car derailment no injuries, no passengers on board train derailed while passing over switch	
Type :	Not reported	
Other :	Not reported	
Chemical 1 :	Not Reported	
Chemical 2 :	Not Reported	
Chemical 3 :	Not Reported	
Date/Time :	1000/12-17-93	
Evacuations :	Not reported	
EMISSIONS :		
Facility ID :	180023	
Air District Code :	SC	
SIC Code :	4581	
Total Priority Score :	Not reported	
Health Risk Assessment :	Not reported	
Non-cancer Chronic Haz Index :	Not reported	
Non-cancer Acute Haz Index :	Not reported	
Air Basin :	SC	
Air District Name :	SOUTH COAST AQMD	
Community Health Air Pollution Info System :	Y	
Consolidated Emission Reporting Rule :	B	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
\\(Continued\\)		S105629377
Total Organic Hydrocarbon Gases :	13	
Reactive Organic Gases :	12	
Carbon Monoxide Emissions :	386	
NOX Gas Emissions \\(Nitrogen - Oxygen\\) :	2	
SOX Gas Emissions \\(Sulphur - Oxygen\\) :	0	
Facility ID :	180023	
Air District Code :	SC	
SIC Code :	4581	
Total Priority Score :	Not reported	
Health Risk Assessment :	Not reported	
Non-cancer Chronic Haz Index :	Not reported	
Non-cancer Acute Haz Index :	Not reported	
Air Basin :	SC	
Air District Name :	SOUTH COAST AQMD	
Community Health Air Pollution Info System :	Y	
Consolidated Emission Reporting Rule :	B	
Total Organic Hydrocarbon Gases :	Not reported	
Reactive Organic Gases :	Not reported	
Carbon Monoxide Emissions :	Not reported	
NOX Gas Emissions \\(Nitrogen - Oxygen\\) :	Not reported	
SOX Gas Emissions \\(Sulphur - Oxygen\\) :	Not reported	



The EDR Radius Map with GeoCheck®

**4748 Arrow Highway
4748 Arrow Highway
Montclair, CA 91763**

Inquiry Number: 1074387.2s

October 31, 2003

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06890**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

4748 ARROW HIGHWAY
MONTCLAIR, CA 91763

COORDINATES

Latitude (North): 34.092900 - 34° 5' 34.4"
Longitude (West): 117.701700 - 117° 42' 6.1"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 435268.1
UTM Y (Meters): 3772484.0
Elevation: 1174 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2434117-A6 ONTARIO, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
OMNITRANS 4748 W ARROW MONTCLAIR, CA 91763	San Bern. Co. Permit	N/A
OMNITRANS 4748 ARROW HWY MONTCLAIR, CA 91763	HAZNET	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL	Proposed National Priority List Sites
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
CORRACTS	Corrective Action Report
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	Resource Conservation and Recovery Information System
ERNS	Emergency Response Notification System

STATE ASTM STANDARD

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
WMUDS/SWAT	Waste Management Unit Database
CA BOND EXP. PLAN	Bond Expenditure Plan
INDIAN UST	Underground Storage Tanks on Indian Land
CA FID UST	Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	Aboveground Petroleum Storage Tank Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
NFA	No Further Action Determination
EMI	Emissions Inventory Data
REF	Unconfirmed Properties Referred to Another Agency
SCH	School Property Evaluation Program
NFE	Properties Needing Further Evaluation
CA SLIC	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas	Former Manufactured Gas (Coal Gas) Sites
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EXECUTIVE SUMMARY

BROWNFIELDS DATABASES

US BROWNFIELDS A Listing of Brownfields Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

RCRIS: Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/10/2003 has revealed that there are 9 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CALMAT CO CLAREMONT</i>	<i>4711 HUNTINGTON DR</i>	<i>1/8 - 1/4NW</i>	<i>J32</i>	<i>22</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FRANKS PRECISION AUTOMOTIVE</i>	<i>4701-D ARROW HWY</i>	<i>0 - 1/8 S</i>	<i>A3</i>	<i>8</i>
<i>REO CIRCUITS INC</i>	<i>4711 #D ARROW HWY</i>	<i>0 - 1/8 SSE</i>	<i>B5</i>	<i>10</i>
<i>ORR AUTO</i>	<i>4711 ARROW HWY UNIT A</i>	<i>0 - 1/8 SSE</i>	<i>B7</i>	<i>11</i>
<i>HIGH TECH AUTO REPAIR</i>	<i>4711 ARROW HWY UNIT C</i>	<i>0 - 1/8 SSW</i>	<i>F15</i>	<i>15</i>
<i>KARL HERTZ TRANS INC</i>	<i>4791 ARROW WAY</i>	<i>0 - 1/8 ESE</i>	<i>G23</i>	<i>18</i>
<i>M & M CLEANERS</i>	<i>8945 MONTE VISTA</i>	<i>1/8 - 1/4ESE</i>	<i>L47</i>	<i>33</i>
<i>SEARS ROEBUCK & CO #1748</i>	<i>5080 MONTCLAIR PLAZA</i>	<i>1/8 - 1/4ESE</i>	<i>L49</i>	<i>34</i>
<i>WESTERN ROCK CO</i>	<i>4952 E ARROW</i>	<i>1/8 - 1/4ESE</i>	<i>51</i>	<i>35</i>

EXECUTIVE SUMMARY

STATE ASTM STANDARD

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed that there are 4 CHMIRS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	5225 ARROW	1/2 - 1 E	56	40
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	SAN JOSE ST / MONTE V	1/2 - 1 SSE	54	37
Not reported	9041 CENTRAL AVENUE	1/2 - 1 ESE	58	44
Not reported	9400 CENTRAL	1/2 - 1 SE	62	51

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 8 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CLAREMONT COLLEGES	303 001ST ST E	1/4 - 1/2 WNW	52	35
POMONA COLLEGE	555 COLLEGE WY N	1/2 - 1 NW	59	45
WESTON E. MONTGOMERY FUEL	2085 11TH ST	1/2 - 1 NE	61	49
CHEVRON STATION 20 2024	699 E FOOTHILL	1/2 - 1 N	63	52
76 PRODUCTS STATION #3824	601 FOOTHILL BLVD E	1/2 - 1 N	64	54
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
EXXON SERVICE STATION #35	5209 MORENO	1/2 - 1 ESE	55	38
GOODYEAR TIRE CENTER	8995 CENTRAL AVE	1/2 - 1 ESE	57	41
FIRESTONE TIRE	9201 CENTRAL AVE	1/2 - 1 ESE	60	46

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CLAREMONT COLLEGE	301 E. FIRST STREET	1/2 - 1 WNW	53	37

EXECUTIVE SUMMARY

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 04/02/2003 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CLAREMONT COLLEGES	303 001ST ST E	1/4 - 1/2 WNW 52		35

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 04/02/2003 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CI-FIRE STATION #1	8901 MONTE VISTA AVE	1/8 - 1/4 E	K39	28
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KARL HERTZ TRANSPORTATION	4791 ARROW HWY	0 - 1/8 ESE	G24	18

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 08/31/2003 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MONTCLAIR TOWNE SQUARE	8914-9095 MONTE VISTA A	1/8 - 1/4 ESE	K38	27

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 7 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL ASPHALT	4711 HUNTINGTON DR	1/8 - 1/4 NW	J33	23
INDUSTRIAL ASPHALT	4711 HUNTINGTON DR.	1/8 - 1/4 NW	J34	25
FIRE DEPARTMENT STATION #1	8901 MONTE VISTA AVE	1/8 - 1/4 E	K40	29
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAIRD CONSTRUCTION CO., INC.	4661 ARROW HWY	0 - 1/8 WSW	C11	13
RAY MAY SERVICE CENTER	4877 ARROW HWY	1/8 - 1/4 E	29	21
RAY MAY PLUMBING, INC.	8938 MONTE VISTA AVE	1/8 - 1/4 ESE	L42	30
J.C. PENNEY INC., AUTO CENTER	5100 MONTCLAIR PLAZA LA	1/8 - 1/4 ESE	L50	34

EXECUTIVE SUMMARY

STATE OR LOCAL ASTM SUPPLEMENTAL

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, and dated 03/11/2003 has revealed that there are 2 CLEANERS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DC PRINTING	4650 W ARROW HWY STE F1	0 - 1/8 WSW E14		15
M & S CLEANERS	8945 MONTE VISTA	1/8 - 1/4ESE L46		31

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 17 HAZNET sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
B & G TRUCKING SHOP	8950 MT VISTA BLVD	1/8 - 1/4 ENE	31	21
INDUSTRIAL ASPHALT	4711 HUNTINGTON DR	1/8 - 1/4NW J33		23
CALMAT PROPERTIES	4711 HUNTINGTON DR	1/8 - 1/4NW	J37	26
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ORR AUTOMOTIVE	4711 A ARROW HWY	0 - 1/8 SSE	B4	9
CLAREMONT TIRE & AUTO CENTER	4711 ARROW HWY UNIT B	0 - 1/8 SSE B6		10
VANTAGE TOOLS, INC	4741 ARROW HWY, UNIT A	0 - 1/8 SE	D9	12
ARROW COLLISION CENTER	4741 ARROW HWY	0 - 1/8 SE D10		12
CPL	4650 ARROW HWY	0 - 1/8 WSW	E13	14
DC PRINTING	4650 W ARROW HWY STE F1	0 - 1/8 WSW E14		15
KARL HERTZ TRANS INC	4791 ARROW WAY	0 - 1/8 ESE G23		18
MONTCLAIR SERVICE CENTER	4839 ARROW HWY	1/8 - 1/4ESE H25		19
HOUSING AND URBAN DEVELOPMENT	8924 FELIPE AVE	1/8 - 1/4 WSW	I26	19
INTOWN PROPERTIES INC/HUD	8936 FELIPE CT	1/8 - 1/4 WSW	I27	20
BRUIN PAINTING CORPORATION	4650 ARROW HIGHWAY G11	1/8 - 1/4 W	41	29
1X B G TRUCKING	8950 MONTA VISTA AVENUE	1/8 - 1/4 ESE	L44	30
M & S CLEANERS	8945 MONTE VISTA	1/8 - 1/4ESE L46		31
GREASE MONKEY	8949 MONTE VISTA	1/8 - 1/4ESE L48		33

DEHS Permit System: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, has revealed that there are 21 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
VULCAN MATERIALS	4711 HUNTINGTON DR	1/8 - 1/4NW	J35	26
VULCAN MATERIALS	4711 HUNTINGTON DR	1/8 - 1/4NW	J36	26

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CI-FIRE STATION #1	8901 MONTE VISTA AVE	1/8 - 1/4 E	K39	28
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CLAREMONT TIRE & AUTO CENTER	4711 ARROW HWY UNIT B	0 - 1/8 SSE	B6	10
MC TIER IMPORT REPAIR	4681 ARROW HWY 'B'	0 - 1/8 SW	C8	11
ARROW COLLISION CENTER	4741 ARROW HWY	0 - 1/8 SE	D10	12
US AIRCONDITIONING DISTRIBUTOR	4751 ARROW HWY	0 - 1/8 ESE	D12	14
SIERRA AUTOMOTIVE	4701 ARROW HWY 'B'	0 - 1/8 SSW	F16	16
JT AUTOMOTIVE	4711 ARROW HWY C	0 - 1/8 SSW	F17	16
TOWN & COUNTRY POOL SUPPLIES,	4711 ARROW HWY 'D'	0 - 1/8 SSW	F18	16
ORR AUTOMOTIVE	4711 ARROW HWY A	0 - 1/8 SSW	F19	17
PRIME MARINE	4721 ARROW HWY C	0 - 1/8 SSW	F20	17
PREMISES METALS	4791 ARROW HWY	0 - 1/8 ESE	G21	17
PREMISES METALS	4791 ARROW HWY	0 - 1/8 ESE	G22	17
KARL HERTZ TRANSPORTATION	4791 ARROW HWY	0 - 1/8 ESE	G24	18
MONTCLAIR SERVICE CENTER	4839 ARROW HWY	1/8 - 1/4 ESE	H25	19
ADVANCED CADILLAC SERVICE	4849 ARROW HWY	1/8 - 1/4 ESE	H28	21
SCE-SAN ANTONIO SUBSTATN	ARROW / MONTE VISTA	1/8 - 1/4 ESE	30	21
ABC AUTO SERVICE	8938 MONTE VISTA AVE	1/8 - 1/4 ESE	L43	30
ABC AUTOMOTIVE SERVICE	8950 MONTE VISTA AVE	1/8 - 1/4 ESE	L45	31
GREASE MONKEY	8949 MONTE VISTA	1/8 - 1/4 ESE	L48	33

BROWNFIELDS DATABASES

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 08/31/2003 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

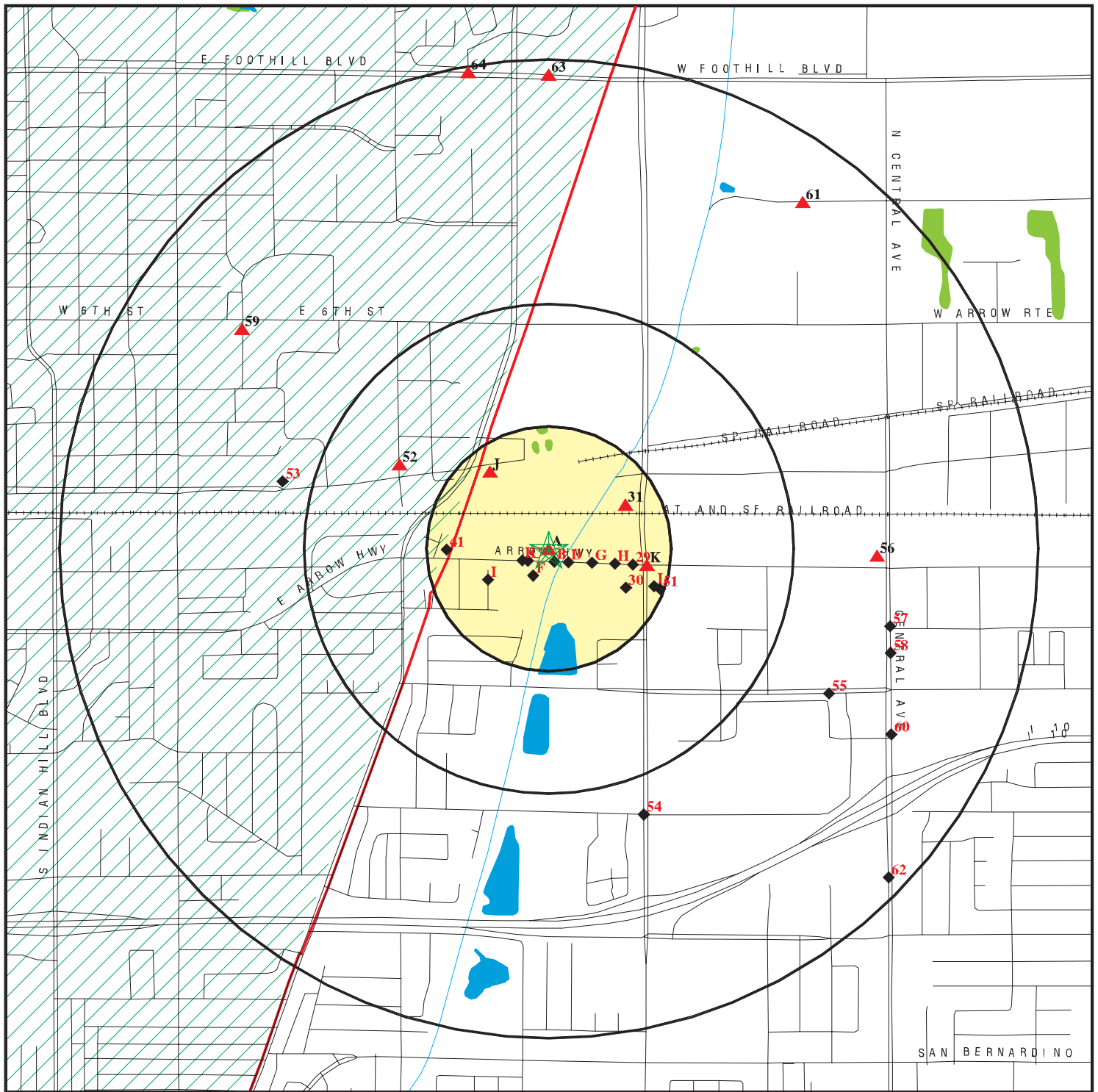
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MONTCLAIR TOWNE SQUARE	8914-9095 MONTE VISTA A	1/8 - 1/4 ESE	K38	27

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
CLAREMONT ONE HR CLNR-SOUTH	RCRIS-SQG, FINDS, CLEANERS
MONTCLAIR PLAZA CLEANERS	HAZNET, CLEANERS
1X ACQUIPORT FIVE	HAZNET, CHMIRS
CHUNG'S MARKET	LUST, Cortese
LIVE OAK DEBRIS DISPOSAL SITE	SWF/LF, WMUDS/SWAT
KRCA-TV62	UST
SIXTH STREET DUMP-CLAREMONT	WMUDS/SWAT
CO SANITATION DISTRICT OF LOS ANGE	HAZNET
GMS REALTY	HAZNET
GMC REALTY LLC	HAZNET
AUTO EXPO INC	HAZNET
AMERICAN STORES PROPERTIES, INC.	HAZNET
MARTIN F MCLOUD DC	HAZNET
JIM COX	HAZNET
PILGRIM PLACE	HAZNET
A T N T CORP	HAZNET
JB PALLETS	HAZNET
1X THE CLAREMONT COLLEGES	HAZNET
PILGRAM PLACE	HAZNET
CITY OF CLAREMONT	HAZNET
CAL SELECT BUILDERS	HAZNET
LARRY CARBURETOR SHOP	RCRIS-SQG, FINDS, HAZNET
INDUSTRIAL ASPHALT	HAZNET
KENNETH WAYNE JACKSON	HAZNET
JI YOUNG LEE	HAZNET
RON FITZGERALD	HAZNET
MACY'S WEST INC	HAZNET
THE PICTURE PEOPLE INC	HAZNET
ROBINSONS-MAY DEPT STORES	HAZNET
ACQUIPORT 5 CORP	HAZNET
JC PENNEY	HAZNET
SEARS ROEBUCK AND CO 1748/6828	HAZNET
1X MONTCLAIR PLAZA	HAZNET
EXPRESSLY PORTRAITS	HAZNET
1X GOODYEAR AUTO SERVICE CTR #9362	HAZNET
MONTCLAIR PLAZA DENTAL GROUP	HAZNET
FAITH CENTER	HAZNET
HUD	HAZNET
HUD/ASSET MANAGEMENT SPECIALTIES I	HAZNET
KATHRYN CARNEAL	HAZNET
SHELL	HAZNET
AMER TELE & TELE CO PADUA HILLS	RCRIS-SQG, FINDS
TEXACO SERVICE STATION	RCRIS-SQG, FINDS
SHELL SERVICE STATION	RCRIS-SQG, FINDS
A-S TRANSMISSION	San Bern. Co. Permit
PHILPAC	San Bern. Co. Permit
SEARS AUTO CENTER	San Bern. Co. Permit
STRESSCOAT INC	San Bern. Co. Permit
UPLAND NISSAN SERVICE	San Bern. Co. Permit
UPLAND NISSAN SERVICE	San Bern. Co. Permit
R & R ROTARY	San Bern. Co. Permit
R & L AUTOMOTIVE REPAIR	San Bern. Co. Permit
GERMAN AUTO WORKS	San Bern. Co. Permit
EXOTIC MOTORCARS	San Bern. Co. Permit
CLAREMONT UNIVERSITY CENTER	CA SLIC

OVERVIEW MAP - 1074387.2s - Komex H2O Science



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- County Boundary
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands

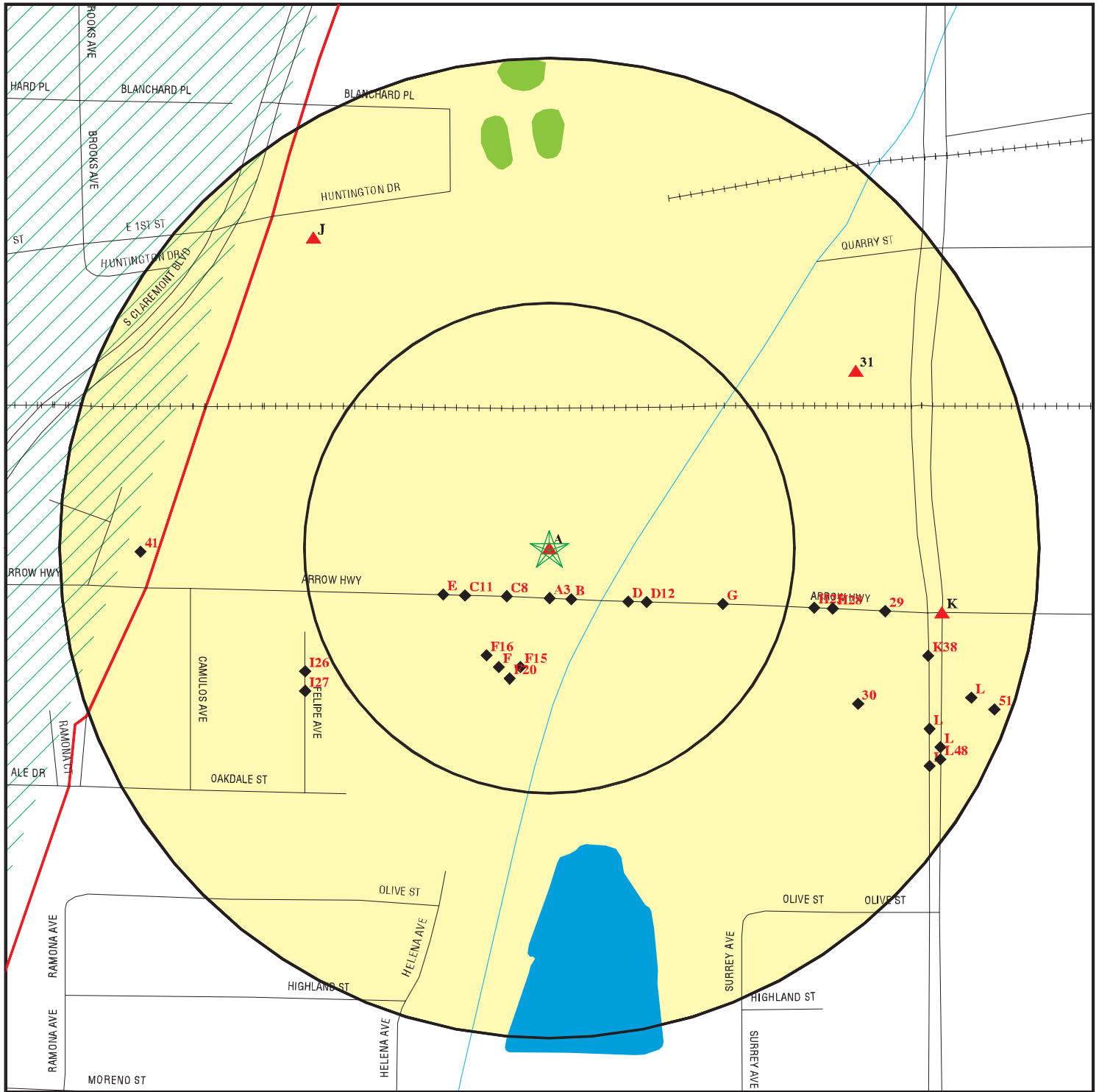
- Areas of Concern



TARGET PROPERTY: 4748 Arrow Highway
 ADDRESS: 4748 Arrow Highway
 CITY/STATE/ZIP: Montclair CA 91763
 LAT/LONG: 34.0929 / 117.7017

CUSTOMER: Komex H2O Science
 CONTACT: MARISA FONTANOZ
 INQUIRY #: 1074387.2s
 DATE: October 31, 2003 9:08 am

DETAIL MAP - 1074387.2s - Komex H2O Science



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Coal Gasification Sites
- ⚡ Sensitive Receptors
- ⚡ National Priority List Sites
- ⚡ Landfill Sites
- ⚡ Dept. Defense Sites

- 0 1/16 1/8 1/4 Miles
- County Boundary
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Federal Wetlands
- Areas of Concern

TARGET PROPERTY: 4748 Arrow Highway
 ADDRESS: 4748 Arrow Highway
 CITY/STATE/ZIP: Montclair CA 91763
 LAT/LONG: 34.0929 / 117.7017

CUSTOMER: Komex H2O Science
 CONTACT: MARISA FONTANOS
 INQUIRY #: 1074387.2s
 DATE: October 31, 2003 9:09 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	5	4	NR	NR	NR	9
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	0	4	NR	4
Cortese		1.000	0	0	1	7	NR	8
Notify 65		1.000	0	0	0	1	NR	1
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	1	NR	NR	1
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	1	1	NR	NR	NR	2
VCP		0.500	0	1	0	NR	NR	1
INDIAN UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	1	6	NR	NR	NR	7
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CLEANERS		0.250	1	1	NR	NR	NR	2
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	7	10	NR	NR	NR	17
San Bern. Co. Permit	X	0.250	12	9	NR	NR	NR	21

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
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BROWNFIELDS DATABASES

US BROWNFIELDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	1	0	NR	NR	1

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1 OMNITRANS
Target 4748 W ARROW
Property MONTCLAIR, CA 91763

San Bern. Co. Permit S104768658
N/A

Site 1 of 3 in cluster A

**Actual:
1175 ft.**

DEHS Permit:

Facility ID: PT0010933
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010934
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010935
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010936
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010937
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010938
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010939
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010940
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010941
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)
Expiration Date: 07/31/2004

Facility ID: PT0010942
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \\\(per UST\\)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OMNITRANS \Continued\

EDR ID Number
EPA ID Number

Database(s)

S104768658

Expiration Date: 07/31/2004

Facility ID: PT0004464

Facility Status: ACTIVE

Permit Category: Hazmat Handler 26-50 Employees \w/Gen Prmt\

Expiration Date: 07/31/2004

Facility ID: PT0004465

Facility Status: ACTIVE

Permit Category: Generator - 26-50 Employees

Expiration Date: 07/31/2004

A2
Target
Property

OMNITRANS
4748 ARROW HWY
MONTCLAIR, CA 91763

HAZNET 1000264883
N/A

Site 2 of 3 in cluster A

Actual:
1175 ft.

HAZNET:

Gepaid: CAD982324295

TSD EPA ID: CAD028409019

Gen County: San Bernardino

Tsd County: Los Angeles

Tons: 8.3400

Waste Category: Tank bottom waste

Disposal Method: Treatment, Tank

Contact: OMNITRANS

Telephone: \909\ 889-0811

Mailing Address: 1700 W 5TH ST
SAN BERNARDINO, CA 92411 - 2499

County: San Bernardino

Gepaid: CAD982324295

TSD EPA ID: CAT080013352

Gen County: San Bernardino

Tsd County: Los Angeles

Tons: 22.5180

Waste Category: Tank bottom waste

Disposal Method: Recycler

Contact: OMNITRANS

Telephone: \909\ 889-0811

Mailing Address: 1700 W 5TH ST
SAN BERNARDINO, CA 92411 - 2499

County: San Bernardino

Gepaid: CAD982324295

TSD EPA ID: CAD980883177

Gen County: San Bernardino

Tsd County: Kern

Tons: 23.3520

Waste Category: Tank bottom waste

Disposal Method: Not reported

Contact: OMNITRANS

Telephone: \909\ 889-0811

Mailing Address: 1700 W 5TH ST
SAN BERNARDINO, CA 92411 - 2499

County: San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

OMNITRANS \Continued\

EDR ID Number
EPA ID Number

Database(s)

1000264883

Gepaid: CAD982324295
TSD EPA ID: CAD980883177
Gen County: San Bernardino
Tsd County: Kern
Tons: 20.8500
Waste Category: Tank bottom waste
Disposal Method: Recycler
Contact: OMNITRANS
Telephone: \909\ 889-0811
Mailing Address: 1700 W 5TH ST
SAN BERNARDINO, CA 92411 - 2499
County San Bernardino

Gepaid: CAD982324295
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 29.6070
Waste Category: Tank bottom waste
Disposal Method: Recycler
Contact: OMNITRANS
Telephone: \909\ 889-0811
Mailing Address: 1700 W 5TH ST
SAN BERNARDINO, CA 92411 - 2499
County San Bernardino

The CA HAZNET database contains 29 additional records for this site.
Please click [here](#) or contact your EDR Account Executive for more information.

A3
South
< 1/8
135 ft.

FRANKS PRECISION AUTOMOTIVE
4701-D ARROW HWY
MONTCLAIR, CA 91763

RCRIS-SQG 1000317130
FINDS CAD982323297

Site 3 of 3 in cluster A

Relative:
Lower

RCRIS:
Owner: FRANK CARUSO
\415\ 555-1212
EPA ID: CAD982323297
Contact: ENVIRONMENTAL MANAGER
\714\ 625-5666

Actual:
1172 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \FRS\
Resource Conservation and Recovery Act Information system \RCRAINFO\

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

B4
SSE
< 1/8
150 ft.

ORR AUTOMOTIVE
4711 A ARROW HWY
MONTCLAIR, CA 91763

HAZNET

EDR ID Number
EPA ID Number

S103661199
N/A

Site 1 of 4 in cluster B

Relative:
Lower

HAZNET:

Actual:
1167 ft.

Gepaid: CAL000077148
TSD EPA ID: CAD093459485
Gen County: San Bernardino
Tsd County: Fresno
Tons: .0166
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: A JAMES ORR
Telephone: \ (909) 989-5595
Mailing Address: 4711 ARROW HWY # A
MONTCLAIR, CA 91763 - 1209
County San Bernardino

Gepaid: CAL000077148
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2125
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: A JAMES ORR
Telephone: \ (909) 989-5595
Mailing Address: 4711 ARROW HWY # A
MONTCLAIR, CA 91763 - 1209
County San Bernardino

Gepaid: CAL000077148
TSD EPA ID: CAT000613927
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: .2000
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: A JAMES ORR
Telephone: \ (909) 989-5595
Mailing Address: 4711 ARROW HWY # A
MONTCLAIR, CA 91763 - 1209
County San Bernardino

Gepaid: CAL000077148
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .5212
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Contact: A JAMES ORR
Telephone: \ (909) 989-5595
Mailing Address: 4711 ARROW HWY # A
MONTCLAIR, CA 91763 - 1209
County San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ORR AUTOMOTIVE \Continued\

EDR ID Number
EPA ID Number

Database(s)

S103661199

Gepaid: CAL000077148
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2293
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: A JAMES ORR
Telephone: \909\ 989-5595
Mailing Address: 4711 ARROW HWY # A
MONTCLAIR, CA 91763 - 1209
County San Bernardino

The CA HAZNET database contains 3 additional records for this site.
Please click here or contact your EDR Account Executive for more information.

B5
SSE
< 1/8
150 ft.

REO CIRCUITS INC
4711 #D ARROW HWY
MONTCLAIR, CA 91763

RCRIS-SQG 1000106970
FINDS CAD981965296

Site 2 of 4 in cluster B

Relative:
Lower

RCRIS:
Owner: LAIRD CONSTRUCTION
\415\ 555-1212
EPA ID: CAD981965296
Contact: Not reported
Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

Actual:
1167 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \FRS\
Resource Conservation and Recovery Act Information system \RCRAINFO\

B6
SSE
< 1/8
150 ft.

CLAREMONT TIRE & AUTO CENTER
4711 ARROW HWY UNIT B
MONTCLAIR, CA 91763

HAZNET S104765255
San Bern. Co. Permit N/A

Site 3 of 4 in cluster B

Relative:
Lower

HAZNET:
Gepaid: CAL000215150
TSD EPA ID: CAT000613927
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: .0792
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: WILLIAM JAYNES
Telephone: \909\ 625-3848
Mailing Address: 4711 ARROW HWY UNIT B
MONTCLAIR, CA 91763
County San Bernardino

Actual:
1167 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CLAREMONT TIRE & AUTO CENTER \Continued\

EDR ID Number
EPA ID Number

Database(s)

S104765255

DEHS Permit:

Facility ID: PT0000033
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 02/28/2004

Facility ID: PT0000034
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 02/28/2004

B7
SSE
< 1/8
150 ft.

ORR AUTO
4711 ARROW HWY UNIT A
MONTCLAIR, CA 91763

RCRIS-SQG
FINDS
1004675604
CAR000075028

Site 4 of 4 in cluster B

Relative:
Lower

RCRIS:

Owner: JAMES ORR
\909\ 625-8963
EPA ID: CAR000075028
Contact: JAMES ORR
\909\ 625-8963

Actual:
1167 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \FRS\
Resource Conservation and Recovery Act Information system \RCRAINFO\

C8
SW
< 1/8
174 ft.

MC TIER IMPORT REPAIR
4681 ARROW HWY 'B'
MONTCLAIR, CA 91763

San Bern. Co. Permit
S104768105
N/A

Site 1 of 2 in cluster C

Relative:
Lower

DEHS Permit:

Facility ID: PT0007672
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 05/31/2004

Actual:
1172 ft.

Facility ID: PT0007673
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 05/31/2004

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
D9 SE < 1/8 256 ft.	VANTAGE TOOLS, INC 4741 ARROW HWY, UNIT A MONTCLAIR, CA 91763 Site 1 of 3 in cluster D Relative: Lower Actual: 1161 ft.	HAZNET	S104565401 N/A
	HAZNET: Gepaid: CAC001087680 TSD EPA ID: CAD000088252 Gen County: San Bernardino Tsd County: Los Angeles Tons: 0.1251 Waste Category: Halogenated solvents \chloroform, methyl chloride, perchloroethylene, etc.\) Disposal Method: Transfer Station Contact: FLORENCE HUNTER Telephone: \909\ 621-7118 Mailing Address: 4741 ARROW HWY, UNIT A MONTCLAIR, CA 91763 County San Bernardino		
D10 SE < 1/8 256 ft.	ARROW COLLISION CENTER 4741 ARROW HWY MONTCLAIR, CA 91763 Site 2 of 3 in cluster D Relative: Lower Actual: 1161 ft.	HAZNET San Bern. Co. Permit	S104763910 N/A
	HAZNET: Gepaid: CAL000212454 TSD EPA ID: CAD008252405 Gen County: San Bernardino Tsd County: Los Angeles Tons: .2085 Waste Category: Unspecified solvent mixture Waste Disposal Method: Recycler Contact: DAVID MOOSE Telephone: \000\ 000-0000 Mailing Address: 4741 ARROW HWY MONTCLAIR, CA 91763 County San Bernardino Gepaid: CAL000212454 TSD EPA ID: CAD008252405 Gen County: San Bernardino Tsd County: Los Angeles Tons: 0.39 Waste Category: Unspecified solvent mixture Waste Disposal Method: Recycler Contact: ANNA VARGAS Telephone: \909\ 626-5341 Mailing Address: 4741 ARROW HWY MONTCLAIR, CA 91763 County San Bernardino DEHS Permit: Facility ID: PT0009745 Facility Status: ACTIVE Permit Category: Hazmat Handler 0-10 Employees Expiration Date: 08/31/2004		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARROW COLLISION CENTER \Continued\

EDR ID Number
EPA ID Number

Database(s)

S104763910

C11
WSW
< 1/8
261 ft.

LAIRD CONSTRUCTION CO., INC.
4661 ARROW HWY
MONTCLAIR, CA 91763

HIST UST U001570197
N/A

Site 2 of 2 in cluster C

Relative:
Lower

UST HIST:

Actual:
1172 ft.

Facility ID:	5729	Tank Used for:	PRODUCT
Tank Num:	1	Container Num:	1
Tank Capacity:	12000	Year Installed:	1979
Type of Fuel:	DIESEL	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor		
Contact Name:	JAMES R. LAIRD, PRESIDENT	Telephone:	\(714\) 626-3548
Total Tanks:	6	Region:	STATE
Facility Type:	Other	Other Type:	GEN. ENGINEERING CON
Facility ID:	5729	Tank Used for:	PRODUCT
Tank Num:	2	Container Num:	2
Tank Capacity:	8000	Year Installed:	Not reported
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	JAMES R. LAIRD, PRESIDENT	Telephone:	\(714\) 626-3548
Total Tanks:	6	Region:	STATE
Facility Type:	Other	Other Type:	GEN. ENGINEERING CON
Facility ID:	5729	Tank Used for:	PRODUCT
Tank Num:	3	Container Num:	3
Tank Capacity:	4000	Year Installed:	Not reported
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	JAMES R. LAIRD, PRESIDENT	Telephone:	\(714\) 626-3548
Total Tanks:	6	Region:	STATE
Facility Type:	Other	Other Type:	GEN. ENGINEERING CON
Facility ID:	5729	Tank Used for:	PRODUCT
Tank Num:	4	Container Num:	4
Tank Capacity:	8000	Year Installed:	Not reported
Type of Fuel:	PREMIUM	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	JAMES R. LAIRD, PRESIDENT	Telephone:	\(714\) 626-3548
Total Tanks:	6	Region:	STATE
Facility Type:	Other	Other Type:	GEN. ENGINEERING CON
Facility ID:	5729	Tank Used for:	PRODUCT
Tank Num:	5	Container Num:	5
Tank Capacity:	4000	Year Installed:	1979
Type of Fuel:	UNLEADED	Tank Construction:	3/16 inches
Leak Detection:	Stock Inventor		
Contact Name:	JAMES R. LAIRD, PRESIDENT	Telephone:	\(714\) 626-3548
Total Tanks:	6	Region:	STATE
Facility Type:	Other	Other Type:	GEN. ENGINEERING CON
Facility ID:	5729	Tank Used for:	WASTE
Tank Num:	6	Container Num:	6
Tank Capacity:	500	Year Installed:	Not reported
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	JAMES R. LAIRD, PRESIDENT	Telephone:	\(714\) 626-3548

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAIRD CONSTRUCTION CO., INC. \ (Continued\)

EDR ID Number
EPA ID Number

Database(s)

Total Tanks: 6
Facility Type: Other

Region: STATE
Other Type: GEN. ENGINEERING CON

U001570197

D12
ESE
< 1/8
299 ft.

US AIRCONDITIONING DISTRIBUTOR
4751 ARROW HWY
MONTCLAIR, CA 91763

San Bern. Co. Permit S104768853
N/A

Site 3 of 3 in cluster D

Relative:
Lower

DEHS Permit:
Facility ID: PT0004149
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 08/31/2003

Actual:
1164 ft.

Facility ID: PT0004150
Facility Status: ACTIVE
Permit Category: Special Generator(B\)
Expiration Date: 08/31/2003

E13
WSW
< 1/8
312 ft.

CPL
4650 ARROW HWY
MONTCLAIR, CA 91763

HAZNET S104580394
N/A

Site 1 of 2 in cluster E

Relative:
Lower

HAZNET:
Gepaid: CAL000171323
TSD EPA ID: CAD981429673
Gen County: San Bernardino
Tsd County: Marin
Tons: .2502
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: REZA VAFA
Telephone: \ (909) 621-9646
Mailing Address: 4650 ARROW HWY
MONTCLAIR, CA 91763
County: San Bernardino

Actual:
1172 ft.

Gepaid: CAL000171323
TSD EPA ID: CAD981429673
Gen County: San Bernardino
Tsd County: Marin
Tons: 0.5004
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: REZA VAFA
Telephone: \ (909) 621-9646
Mailing Address: 4650 ARROW HWY
MONTCLAIR, CA 91763
County: San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
E14 WSW < 1/8 312 ft. Relative: Lower Actual: 1172 ft.	DC PRINTING 4650 W ARROW HWY STE F1 MONTCLAIR, CA 91763 Site 2 of 2 in cluster E CA Cleaners: Create Date: 12/07/01 Inactive Date: / / EPA Id: CAL000239998 County : San Bernardino HAZNET: Gepaid: CAL000239998 TSD EPA ID: KYD053348108 Gen County: San Bernardino Tsd County: 99 Tons: 0.09 Waste Category: Off-specification, aged, or surplus organics Disposal Method: Not reported Contact: TIM NGUYEN - PRTNR Telephone: \ (909) 399-3434 Mailing Address: 4650 W ARROW HWY STE F1 MONTCLAIR, CA 91763 County San Bernardino Gepaid: CAL000239998 TSD EPA ID: CAD093459485 Gen County: San Bernardino Tsd County: Fresno Tons: 0.12 Waste Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Contact: TIM NGUYEN - PRTNR Telephone: \ (909) 399-3434 Mailing Address: 4650 W ARROW HWY STE F1 MONTCLAIR, CA 91763 County San Bernardino	HAZNET CLEANERS S105266650 N/A
F15 SSW < 1/8 330 ft. Relative: Lower Actual: 1160 ft.	HIGH TECH AUTO REPAIR 4711 ARROW HWY UNIT C MONTCLAIR, CA 91763 Site 1 of 6 in cluster F RCRIS: Owner: MEHRAN ABBASI \ (909) 626-2812 EPA ID: CAD983662990 Contact: MEHRAN ABBASI \ (909) 626-2812 Classification: Small Quantity Generator TSDF Activities: Not reported	RCRIS-SQG FINDS 1000820265 CAD983662990

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HIGH TECH AUTO REPAIR \Continued

EDR ID Number
EPA ID Number

Database(s)

Violation Status: No violations found

1000820265

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System \FRS\

Resource Conservation and Recovery Act Information system \RCRAINFO\

**F16
SSW
< 1/8
335 ft.**

**SIERRA AUTOMOTIVE
4701 ARROW HWY 'B'
MONTCLAIR, CA 91763**

San Bern. Co. Permit

**S104770144
N/A**

Site 2 of 6 in cluster F

**Relative:
Lower**

DEHS Permit:

Facility ID: PT0003556

Facility Status: ACTIVE

Permit Category: Special Handler

Expiration Date: 03/31/2003

**Actual:
1162 ft.**

Facility ID: PT0003557

Facility Status: ACTIVE

Permit Category: Special Generator\B\

Expiration Date: 03/31/2004

**F17
SSW
< 1/8
348 ft.**

**JT AUTOMOTIVE
4711 ARROW HWY C
MONTCLAIR, CA 91763**

San Bern. Co. Permit

**S104905432
N/A**

Site 3 of 6 in cluster F

**Relative:
Lower**

DEHS Permit:

Facility ID: PT0000154

Facility Status: ACTIVE

Permit Category: Special Generator\B\

Expiration Date: 12/31/2003

**Actual:
1160 ft.**

Facility ID: PT0000170

Facility Status: ACTIVE

Permit Category: Special Handler

Expiration Date: 12/31/2003

**F18
SSW
< 1/8
348 ft.**

**TOWN & COUNTRY POOL SUPPLIES, INC.
4711 ARROW HWY 'D'
MONTCLAIR, CA 91763**

San Bern. Co. Permit

**S104905406
N/A**

Site 4 of 6 in cluster F

**Relative:
Lower**

DEHS Permit:

Facility ID: PT0000072

Facility Status: ACTIVE

Permit Category: Hazmat Handler 0-10 Employees

Expiration Date: 12/31/2003

**Actual:
1160 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F19
SSW
< 1/8
348 ft.

ORR AUTOMOTIVE
4711 ARROW HWY A
MONTCLAIR, CA 91763

San Bern. Co. Permit

S104768736
N/A

Site 5 of 6 in cluster F

Relative:
Lower

DEHS Permit:

Facility ID: PT0006626

Facility Status: ACTIVE

Permit Category: Special Handler

Expiration Date: 08/31/2004

Actual:
1160 ft.

Facility ID: PT0006627

Facility Status: ACTIVE

Permit Category: Special Generator(B)

Expiration Date: 08/31/2004

F20
SSW
< 1/8
367 ft.

PRIME MARINE
4721 ARROW HWY C
MONTCLAIR, CA 91763

San Bern. Co. Permit

S104905338
N/A

Site 6 of 6 in cluster F

Relative:
Lower

DEHS Permit:

Facility ID: PT0000769

Facility Status: INACTIVE

Permit Category: Special Handler

Expiration Date: 11/30/2001

Actual:
1159 ft.

Facility ID: PT0000043

Facility Status: INACTIVE

Permit Category: Limited Quantity Generator(B)

Expiration Date: 11/30/2001

G21
ESE
< 1/8
492 ft.

PREMISES METALS
4791 ARROW HWY
MONTCLAIR, CA 91763

San Bern. Co. Permit

S105697682
N/A

Site 1 of 4 in cluster G

Relative:
Lower

DEHS Permit:

Facility ID: PT0010114

Facility Status: INACTIVE

Permit Category: Special Generator(B)

Expiration Date: 05/31/2002

Actual:
1172 ft.

G22
ESE
< 1/8
492 ft.

PREMISES METALS
4791 ARROW HWY
MONTCLAIR, CA 91763

San Bern. Co. Permit

S105697681
N/A

Site 2 of 4 in cluster G

Relative:
Lower

DEHS Permit:

Facility ID: PT0010113

Facility Status: INACTIVE

Permit Category: Special Handler

Expiration Date: 05/31/2002

Actual:
1172 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PREMISES METALS \Continued\

EDR ID Number
EPA ID Number

Database(s)

S105697681

G23
ESE
< 1/8
492 ft.

KARL HERTZ TRANS INC
4791 ARROW WAY
MONTCLAIR, CA 91763

RCRIS-SQG
FINDS
HAZNET

1000595701
CAD983596537

Site 3 of 4 in cluster G

Relative:
Lower

RCRIS:

Owner: KARL HEERTZ TRANS INC
\(415\) 555-1212
EPA ID: CAD983596537
Contact: WAYNE FIGROID
\(714\) 621-4964

Actual:
1172 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System \(\FRS\)

Resource Conservation and Recovery Act Information system \(\RCRAINFO\)

HAZNET:

Gepaid: CAC001321240
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 1.251
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: KARL B HERTZ
Telephone: \(\909\) 986-5468
Mailing Address: PO BOX 2273
MONTCLAIR, CA 91763
County: San Bernardino

G24
ESE
< 1/8
492 ft.

KARL HERTZ TRANSPORTATION
4791 ARROW HWY
MONTCLAIR, CA 91763

San Bern. Co. Permit

UST U003785184
N/A

Site 4 of 4 in cluster G

Relative:
Lower

DEHS Permit:

Facility ID: PT0012872
Facility Status: ACTIVE
Permit Category: Hazmat Handler - UST Only
Expiration Date: 05/31/2004

Actual:
1172 ft.

Facility ID: PT0013574
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \(\per UST\)
Expiration Date: 05/31/2004

Facility ID: PT0012776
Facility Status: INACTIVE
Permit Category: Special Generator\(\B\)
Expiration Date: 05/31/2003

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KARL HERTZ TRANSPORTATION \ (Continued\)

EDR ID Number
EPA ID Number

Database(s)

U003785184

State UST:
Facility ID: 90020527
Region: STATE
Local Agency: 36000

H25
ESE
1/8-1/4
731 ft.

MONTCLAIR SERVICE CENTER
4839 ARROW HWY
MONTCLAIR, CA 91763

HAZNET **S102039692**
San Bern. Co. Permit **N/A**

Site 1 of 2 in cluster H

Relative:
Lower

HAZNET:
Gepaid: CAL000014242
TSD EPA ID: CAD050099696
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .5004
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Contact: OLDENBURG DALE
Telephone: \ (000) 000-0000
Mailing Address: 4839 ARROW HWY
MONTCLAIR, CA 91763
County San Bernardino

Actual:
1171 ft.

DEHS Permit:
Facility ID: PT0003952
Facility Status: ACTIVE
Permit Category: Special Generator\ (B) \
Expiration Date: 10/31/2003

Facility ID: PT0003953
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 10/31/2003

I26
WSW
1/8-1/4
738 ft.

HOUSING AND URBAN DEVELOPMENT
8924 FELIPE AVE
MONTCLAIR, CA 91763

HAZNET **S103675270**
N/A

Site 1 of 2 in cluster I

Relative:
Lower

HAZNET:
Gepaid: CAC000772168
TSD EPA ID: Not reported
Gen County: San Bernardino
Tsd County: 0
Tons: .0166
Waste Category: Oxygenated solvents \ (acetone, butanol, ethyl acetate, etc.) \
Disposal Method: Transfer Station
Contact: H U D
Telephone: \ (909) 980-9890
Mailing Address: 7365 CORNELIAN AVE STE 105
RANCHO CUCAMONGA, CA 91730
County San Bernardino

Actual:
1159 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HOUSING AND URBAN DEVELOPMENT \Continued\

EDR ID Number
EPA ID Number

Database(s)

S103675270

Gepaid: CAC000772168
TSD EPA ID: Not reported
Gen County: San Bernardino
Tsd County: 0
Tons: .0025
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: H U D
Telephone: \909\ 980-9890
Mailing Address: 7365 CORNELIAN AVE STE 105
RANCHO CUCAMONGA, CA 91730
County San Bernardino
Gepaid: CAC000772168
TSD EPA ID: CAD000088252
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0166
Waste Category: Oxygenated solvents \acetone, butanol, ethyl acetate, etc.\)
Disposal Method: Not reported
Contact: H U D
Telephone: \909\ 980-9890
Mailing Address: 7365 CORNELIAN AVE STE 105
RANCHO CUCAMONGA, CA 91730
County San Bernardino
Gepaid: CAC000772168
TSD EPA ID: CAD000088252
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .0025
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Contact: H U D
Telephone: \909\ 980-9890
Mailing Address: 7365 CORNELIAN AVE STE 105
RANCHO CUCAMONGA, CA 91730
County San Bernardino

I27
WSW
1/8-1/4
763 ft.

INTOWN PROPERTIES INC/HUD
8936 FELIPE CT
MONTCLAIR, CA 91786

HAZNET S103970764
N/A

Site 2 of 2 in cluster I

Relative:
Lower

Actual:
1158 ft.

HAZNET:
Gepaid: CAC002104344
TSD EPA ID: CAD000088252
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2919
Waste Category: Household waste
Disposal Method: Transfer Station
Contact: HUD
Telephone: \714\ 957-7333
Mailing Address: 7365 CARNELIAN STE 105
RANCHO CUCAMONGA, CA 91730
County San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INTOWN PROPERTIES INC/HUD \Continued\

EDR ID Number
EPA ID Number

Database(s)

S103970764

H28
ESE
1/8-1/4
780 ft.

ADVANCED CADILLAC SERVICE
4849 ARROW HWY
MONTCLAIR, CA 91763

San Bern. Co. Permit

S105158888
N/A

Site 2 of 2 in cluster H

Relative:
Lower

DEHS Permit:

Facility ID: PT0001035
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 11/30/2003

Actual:
1171 ft.

Facility ID: PT0001036
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 11/30/2003

29
East
1/8-1/4
920 ft.

RAY MAY SERVICE CENTER
4877 ARROW HWY
MONTCLAIR, CA 91763

HIST UST

U001570212
N/A

Relative:
Lower

UST HIST:

Facility ID: 49772
Tank Num: 1
Tank Capacity: 3000
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 1
Facility Type: Not reported

Tank Used for: PRODUCT
Container Num: 3
Year Installed: 79
Tank Construction: 3/16 inches

Telephone: \714\ 624-9687
Region: STATE
Other Type: RETAIL STORE

30
ESE
1/8-1/4
933 ft.

SCE-SAN ANTONIO SUBSTATN
ARROW / MONTE VISTA
MONTCLAIR, CA 91711

San Bern. Co. Permit

S105047529
N/A

Relative:
Lower

DEHS Permit:

Facility ID: PT0000354
Facility Status: ACTIVE
Permit Category: Hazmat Handler 0-10 Employees
Expiration Date: 02/28/2004

Actual:
1167 ft.

31
ENE
1/8-1/4
953 ft.

B & G TRUCKING SHOP
8950 MT VISTA BLVD
MONTCLAIR, CA 91763

HAZNET

S103951579
N/A

Relative:
Higher

Actual:
1190 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

B & G TRUCKING SHOP \Continued

EDR ID Number
EPA ID Number

Database(s)

S103951579

HAZNET:

Gepaid: CAL000173517
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .1245
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CHRIS LUND
Telephone: \000\ 000-0000
Mailing Address: 8950 MT VISTA BLVD
MONTCLAIR, CA 91763
County San Bernardino
Gepaid: CAL000173517
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2490
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CHRIS LUND
Telephone: \000\ 000-0000
Mailing Address: 8950 MT VISTA BLVD
MONTCLAIR, CA 91763
County San Bernardino
Gepaid: CAL000173517
TSD EPA ID: CAT000613893
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.24
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CHRIS LUND
Telephone: \000\ 000-0000
Mailing Address: 8950 MT VISTA BLVD
MONTCLAIR, CA 91763
County San Bernardino

J32
NW
1/8-1/4
1050 ft.

**CALMAT CO CLAREMONT
4711 HUNTINGTON DR
MONTCLAIR, CA 91763**

**RCRIS-SQG 1001075684
FINDS CAR000008227
EMI**

Site 1 of 6 in cluster J

**Relative:
Higher**

RCRIS:
Owner: CALMAT CO
\213\ 258-2777
EPA ID: CAR000008227
Contact: THOMAS LOWRY
\213\ 258-2777
Classification: Small Quantity Generator
TSDF Activities: Not reported

**Actual:
1190 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CALMAT CO CLAREMONT \Continued)

EDR ID Number
EPA ID Number

Database(s)

1001075684

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System \FRS\

NEI

Resource Conservation and Recovery Act Information system \RCRAINFO\

EMISSIONS :

Facility ID : 108462
Air District Code : SC
SIC Code : 2951
Total Priority Score : Not reported
Health Risk Assessment : Not reported
Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
Total Organic Hydrocarbon Gases : Not reported
Reactive Organic Gases : Not reported
Carbon Monoxide Emissions : Not reported
NOX Gas Emissions \Nitrogen - Oxygen\ : Not reported
SOX Gas Emissions \Sulphur - Oxygen\ : Not reported

Facility ID : 108462
Air District Code : SC
SIC Code : 2951
Total Priority Score : Not reported
Health Risk Assessment : Not reported
Non-cancer Chronic Haz Index : Not reported
Non-cancer Acute Haz Index : Not reported
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
Total Organic Hydrocarbon Gases : 0
Reactive Organic Gases : 0
Carbon Monoxide Emissions : 1
NOX Gas Emissions \Nitrogen - Oxygen\ : 4
SOX Gas Emissions \Sulphur - Oxygen\ : 0

**J33
NW
1/8-1/4
1050 ft.**

**INDUSTRIAL ASPHALT
4711 HUNTINGTON DR
MONTCLAIR, CA 91711**

**HAZNET U001569000
HIST UST N/A**

Site 2 of 6 in cluster J

**Relative:
Higher**

HAZNET:

**Actual:
1190 ft.**

Gepaid: CAL000011308
TSD EPA ID: CAL000197215
Gen County: San Bernardino
Tsd County: Alameda
Tons: 0.1
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Not reported
Contact: INACTIVE PER SURVEY 11/94
Telephone: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INDUSTRIAL ASPHALT (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001569000

Mailing Address: 4711 HUNTINGTON DR
MONTCLAIR, CA 91763
County San Bernardino

UST HIST:

Facility ID: 7286
Tank Num: 1
Tank Capacity: 7500
Type of Fuel: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 2
Tank Capacity: 10000
Type of Fuel: UNLEADED
Leak Detection: Visual, Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 2
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 3
Tank Capacity: 10000
Type of Fuel: DIESEL
Leak Detection: Visual, Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 3
Year Installed: Not reported
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 4
Tank Capacity: 4000
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: 1964
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 5
Tank Capacity: 4000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 2
Year Installed: 1964
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 6
Tank Capacity: 4000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 3
Year Installed: 1964
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INDUSTRIAL ASPHALT (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001569000

Facility ID: 7286
Tank Num: 7
Tank Capacity: 6000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 4
Year Installed: 1964
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 8
Tank Capacity: 4000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 5
Year Installed: 1964
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 9
Tank Capacity: 10000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 6
Year Installed: 1977
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

Facility ID: 7286
Tank Num: 10
Tank Capacity: 550
Type of Fuel: WASTE OIL
Leak Detection: None
Contact Name: DIST MGR
Total Tanks: 10
Facility Type: Other

Tank Used for: WASTE
Container Num: 7
Year Installed: 1964
Tank Construction: Not reported

Telephone: \ (714) 626-1258
Region: STATE
Other Type: ASPHALT PLANT

J34
NW
1/8-1/4
1050 ft.

INDUSTRIAL ASPHALT
4711 HUNTINGTON DR.
MONTCLAIR, CA 91711

HIST UST U001568999
N/A

Site 3 of 6 in cluster J

Relative:
Higher

UST HIST:

Actual:
1190 ft.

Facility ID: 9377
Tank Num: 1
Tank Capacity: 10000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 4
Facility Type: Other

Tank Used for: PRODUCT
Container Num: 1
Year Installed: Not reported
Tank Construction: 1/4 inches

Telephone: \ (714) 982-8954
Region: STATE
Other Type: KEYLOCK COMMERCIAL

Facility ID: 9377
Tank Num: 2
Tank Capacity: 10000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: Not reported

Tank Used for: PRODUCT
Container Num: 2
Year Installed: Not reported
Tank Construction: 1/4 inches

Telephone: \ (714) 982-8954

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INDUSTRIAL ASPHALT (Continued)

U001568999

Total Tanks:	4	Region:	STATE
Facility Type:	Other	Other Type:	KEYLOCK COMMERCIAL
Facility ID:	9377	Tank Used for:	PRODUCT
Tank Num:	3	Container Num:	1
Tank Capacity:	6000	Year Installed:	1963
Type of Fuel:	Not Reported	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor		
Contact Name:	Not reported	Telephone:	\(714\) 982-8954
Total Tanks:	4	Region:	STATE
Facility Type:	Other	Other Type:	KEYLOCK COMMERCIAL
Facility ID:	9377	Tank Used for:	PRODUCT
Tank Num:	4	Container Num:	2
Tank Capacity:	6000	Year Installed:	1963
Type of Fuel:	DIESEL	Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor		
Contact Name:	Not reported	Telephone:	\(714\) 982-8954
Total Tanks:	4	Region:	STATE
Facility Type:	Other	Other Type:	KEYLOCK COMMERCIAL

J35
NW
1/8-1/4
1050 ft.

VULCAN MATERIALS
4711 HUNTINGTON DR
MONTCLAIR, CA 91711

San Bern. Co. Permit S105697712
N/A

Site 4 of 6 in cluster J

Relative:
Higher

DEHS Permit:
Facility ID: PT0002948
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 08/31/2004

Actual:
1190 ft.

J36
NW
1/8-1/4
1050 ft.

VULCAN MATERIALS
4711 HUNTINGTON DR
MONTCLAIR, CA 91711

San Bern. Co. Permit S105697711
N/A

Site 5 of 6 in cluster J

Relative:
Higher

DEHS Permit:
Facility ID: PT0002947
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 08/31/2004

Actual:
1190 ft.

J37
NW
1/8-1/4
1050 ft.

CALMAT PROPERTIES
4711 HUNTINGTON DR
MONTCLAIR, CA 91760

HAZNET S103954410
N/A

Site 6 of 6 in cluster J

Relative:
Higher

Actual:
1190 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CALMAT PROPERTIES \Continued

EDR ID Number
EPA ID Number

S103954410

HAZNET:

Gepaid: CAC001494432
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 1.0425
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: CALMAT PROPERTIES
Telephone: \000\ 000-0000
Mailing Address: 3200 SAN FERNANDO RD
LOS ANGELES, CA 90065
County: San Bernardino

**K38
ESE
1/8-1/4
1060 ft.**

**MONTCLAIR TOWNE SQUARE
8914-9095 MONTE VISTA AVENUE
MONTCLAIR, CA 91763**

**VCP S105557587
N/A**

Site 1 of 3 in cluster K

**Relative:
Lower**

VCP:

**Actual:
1171 ft.**

Facility ID 36530001
Dtsc Region Code : 4
Region Code Definition : CYPRESS
County Code : 36
Site Name Under : MONTCLAIR TOWNE SQUARE
Current Status Date : 02202001
Current Status Code : VTERM
Current Status : VOLUNTARY CLEANUP AGREEMENT TERMINATED
Lead Agency Code : DTSC
Lead Agency : DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code : VCP
Site Type : VOLUNTARY CLEANUP PROGRAM
National Priorities List : Not reported
Tier : Not reported
Source Of Funding Code : Not reported
Staff Member : JMARCOS
Supervisor : Not reported
Sic Code : 53
Sic Code Definition : RETAIL - GENERAL MERCHANDISE STORES
Site Mitigatn & Brnfls Reuse Prog \SMBR\ Code : SB
SMBR Branch : SO CAL - CYPRESS
Regional Water Quality Control Board : SA
RWQCB Definition : SANTA ANA
Site Access Controlled : Not reported
Listed In Haz Wst & Substncs Sites List \CORTESE\ Not reported
Date Hazard Ranked : Not reported
GW Contamination Suspected : Not reported
Of Sources Contributing To Contamination : 0.00000
Lat/Long : 0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
Direction Lat : Not reported
Direction Long : Not reported
Lat/long Method : Not reported
Entity Lat/long Coordinates Refer To : Not reported
State Assembly Distt Code : Not reported
State Senate Distt Code : Not reported
Identifying Code: CSTAR
ID Value: 400887-11

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MONTCLAIR TOWNE SQUARE \Continued

S105557587

Other ID Desc: CALSTARS CODE
Alternate Name(s): MONTCLAIR TOWNE SQUARE
Address(es) : 8914-9095 MONTE VISTA AVENUE
MONTCLAIR, CA 91763
Background Info : Not reported
Facility Id : 36530001
AWP Activities Code : 1.00000
DTSC Site Activity Code : ORDER
Activity Code Def: I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Activity Id : VCP
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 02202001
Est # Of Person-years To Complete : 0.00000
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : VTERM
Status Code Definition : VOLUNTARY CLEANUP AGREEMENT TERMINATED
Cubic Yards Of Solids Removed At Completion : 0.00000
Gallons Of Liquid Removed Upon Completion : 0.00000
Cubic Yards Of Solids Treated Upon Completion : 0.00000
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Special Program Code: Not reported
Special Program : Not reported
Comments Date : 02202001
Comments : DTSC entered into a Voluntary Cleanup Agreement \Agreement\ with Teachers Insurance and Annuity Association \Proponent\). The purpose of this Agreement is for DTSC to review and comment on reports of investigations conducted at the Site. All of these activities were conducted without DTSC oversight. The Proponent seeks to obtain concurrence from DTSC that "No Further Action" is required at the Site. DTSC will determine what additional work, if any, will be required to complete the investigation of the Site.
TIAA formally notified DTSC of its request to discontinue the VCA citing section 3.18 Termination for Convenience. TIAA was able to obtain closure from the RWQCB and longer wish to pursue a No Further Action decision from DTSC.

K39
East
1/8-1/4
1071 ft.

CI-FIRE STATION #1
8901 MONTE VISTA AVE
MONTCLAIR, CA 91763

UST
San Bern. Co. Permit
U003784987
N/A

Relative:
Equal

Site 2 of 3 in cluster K

Actual:
1174 ft.

DEHS Permit:
Facility ID: PT0003476
Facility Status: ACTIVE
Permit Category: Hazmat Handler - UST Only
Expiration Date: 07/31/2004

Facility ID: PT0011092
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Facility ID: PT0011093
Facility Status: ACTIVE
Permit Category: UST Ownership/Operating Permit \per UST\
Expiration Date: 07/31/2004

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CI-FIRE STATION #1 \Continued\

EDR ID Number
EPA ID Number

Database(s)

U003784987

State UST:
Facility ID: 87014164
Region: STATE
Local Agency: 36000

K40
East
1/8-1/4
1071 ft.

FIRE DEPARTMENT STATION #1
8901 MONTE VISTA AVE
MONTCLAIR, CA 91763

HIST UST U001570182
N/A

Site 3 of 3 in cluster K

Relative:
Equal

UST HIST:

Actual:
1174 ft.

Facility ID: 9075
Tank Num: 1
Tank Capacity: 2000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: LOREN L. PETTIS, FIRE CHIEF
Total Tanks: 3
Facility Type: Other

Tank Used for: PRODUCT
Container Num: THREE
Year Installed: 1980
Tank Construction: 3/16 inches

Telephone: \714\ 626-1217
Region: STATE
Other Type: FIRE DEPARTMENT

Facility ID: 9075
Tank Num: 2
Tank Capacity: 1000
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: LOREN L. PETTIS, FIRE CHIEF
Total Tanks: 3
Facility Type: Other

Tank Used for: PRODUCT
Container Num: TWO
Year Installed: 1969
Tank Construction: #10 gauge

Telephone: \714\ 626-1217
Region: STATE
Other Type: FIRE DEPARTMENT

Facility ID: 9075
Tank Num: 3
Tank Capacity: 1000
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: LOREN L. PETTIS, FIRE CHIEF
Total Tanks: 3
Facility Type: Other

Tank Used for: PRODUCT
Container Num: ONE
Year Installed: 1969
Tank Construction: #10 gauge

Telephone: \714\ 626-1217
Region: STATE
Other Type: FIRE DEPARTMENT

41
West
1/8-1/4
1103 ft.

BRUIN PAINTING CORPORATION
4650 ARROW HIGHWAY G11
MONTCLAIR, CA 91763

HAZNET S103660982
N/A

Relative:
Lower

HAZNET:

Actual:
1163 ft.

Gepaid: CAL920144294
TSD EPA ID: CAD089446710
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .8757
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Not reported
Contact: ROBERT FORD
Telephone: \714\ 625-4390
Mailing Address: 4650 ARROW HIGHWAY G11
MONTCLAIR, CA 91763
County: San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

BRUIN PAINTING CORPORATION \ (Continued\)

EDR ID Number
EPA ID Number

Database(s)

S103660982

L42
ESE
1/8-1/4
1134 ft.

RAY MAY PLUMBING, INC.
8938 MONTE VISTA AVE
MONTCLAIR, CA 91763

HIST UST **U001570211**
N/A

Site 1 of 9 in cluster L

Relative:
Lower

UST HIST:

Actual:
1167 ft.

Facility ID: 49771
Tank Num: 1
Tank Capacity: 1000
Type of Fuel: PREMIUM
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 2
Facility Type: Not reported

Tank Used for: PRODUCT
Container Num: 1
Year Installed: Not reported
Tank Construction: 10 gauge

Telephone: \ (714) 624-4509
Region: STATE
Other Type: PLUMBING CONTRACTING

Facility ID: 49771
Tank Num: 2
Tank Capacity: 1000
Type of Fuel: REGULAR
Leak Detection: Stock Inventor
Contact Name: Not reported
Total Tanks: 2
Facility Type: Not reported

Tank Used for: PRODUCT
Container Num: 2
Year Installed: Not reported
Tank Construction: 10 gauge

Telephone: \ (714) 624-4509
Region: STATE
Other Type: PLUMBING CONTRACTING

L43
ESE
1/8-1/4
1134 ft.

ABC AUTO SERVICE
8938 MONTE VISTA AVE
MONTCLAIR, CA 91763

San Bern. Co. Permit **S104905422**
N/A

Site 2 of 9 in cluster L

Relative:
Lower

DEHS Permit:

Actual:
1167 ft.

Facility ID: PT0000125
Facility Status: INACTIVE
Permit Category: Special Handler
Expiration Date: 12/31/2002

Facility ID: PT0000127
Facility Status: INACTIVE
Permit Category: Special Generator\ (B) \
Expiration Date: 12/31/2002

L44
ESE
1/8-1/4
1180 ft.

1X B G TRUCKING
8950 MONTA VISTA AVENUE
MONTCLAIR, CA 91762

HAZNET **S103675332**
N/A

Site 3 of 9 in cluster L

Relative:
Lower

Actual:
1164 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

1X B G TRUCKING \Continued\

EDR ID Number
EPA ID Number

Database(s)

S103675332

HAZNET:

Gepaid: CAC000671424
TSD EPA ID: CAT080013352
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .2085
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: B G TRUCKING
Telephone: \000\ 000-0000
Mailing Address: 8741 SOUTH 3200 WEST
SPANISH FORK, UT 84660
County: San Bernardino

L45
ESE
1/8-1/4
1180 ft.

ABC AUTOMOTIVE SERVICE
8950 MONTE VISTA AVE
MONTCLAIR, CA 91763

San Bern. Co. Permit

S105790400
N/A

Site 4 of 9 in cluster L

Relative:
Lower

DEHS Permit:

Facility ID: PT0013340
Facility Status: ACTIVE
Permit Category: Limited Quantity Generator\B\
Expiration Date: 04/30/2004

Actual:
1164 ft.

L46
ESE
1/8-1/4
1181 ft.

M & S CLEANERS
8945 MONTE VISTA
MONTCLAIR, CA 91763

HAZNET
CLEANERS

S102039676
N/A

Site 5 of 9 in cluster L

Relative:
Lower

CA Cleaners:

Create Date: 11/07/90
Inactive Date: 06/30/01
EPA Id: CAD982435240
County : San Bernardino

Actual:
1166 ft.

HAZNET:

Gepaid: CAD982435240
TSD EPA ID: CAD981397417
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .7967
Waste Category: Halogenated solvents \chloroform, methyl chloride, perchloroethylene, etc.\)
Disposal Method: Recycler
Contact: JOHN MA
Telephone: \714\ 625-0303
Mailing Address: 8945 MONTE VISTA AVE
MONTCLAIR, CA 91763 - 1412
County: San Bernardino

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

M & S CLEANERS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102039676

Gepaid: CAD982435240
TSD EPA ID: CAD981397417
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 1.3286
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: JOHN MA
Telephone: (714) 625-0303
Mailing Address: 8945 MONTE VISTA AVE
MONTCLAIR, CA 91763 - 1412
County San Bernardino

Gepaid: CAD982435240
TSD EPA ID: CAD981397417
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 42.2942
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Recycler
Contact: JOHN MA
Telephone: (714) 625-0303
Mailing Address: 8945 MONTE VISTA AVE
MONTCLAIR, CA 91763 - 1412
County San Bernardino

Gepaid: CAD982435240
TSD EPA ID: CAD008302903
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Contact: JOHN MA MANAGER
Telephone: (714) 625-0303
Mailing Address: 8945 MONTE VISTA AVE
MONTCLAIR, CA 91763 - 1412
County San Bernardino

Gepaid: CAD982435240
TSD EPA ID: CAD008302903
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0
Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Not reported
Contact: JOHN MA MANAGER
Telephone: (714) 625-0303
Mailing Address: 8945 MONTE VISTA AVE
MONTCLAIR, CA 91763 - 1412
County San Bernardino

The CA HAZNET database contains 3 additional records for this site.
Please click [here](#) or contact your EDR Account Executive for more information.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

M & S CLEANERS (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102039676

L47
ESE
1/8-1/4
1181 ft.

M & M CLEANERS
8945 MONTE VISTA
MONTCLAIR, CA 91763

RCRIS-SQG
FINDS
1000472917
CAD982435240

Site 6 of 9 in cluster L

Relative:
Lower

RCRIS:

Owner: JOHN MA
 \ (909) 625-0303
EPA ID: CAD982435240
Contact: JOHN MA
 \ (909) 625-0303
Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

Actual:
1166 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \ (FRS)
Resource Conservation and Recovery Act Information system \ (RCRAINFO)

L48
ESE
1/8-1/4
1197 ft.

GREASE MONKEY
8949 MONTE VISTA
MONTCLAIR, CA 91763

HAZNET
San Bern. Co. Permit
S102039652
N/A

Site 7 of 9 in cluster L

Relative:
Lower

HAZNET:

Gepaid: CAL000072686
TSD EPA ID: CAD981696420
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .8340
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Contact: ARTHUR F CAMPBELL
Telephone: \ (909) 399-0515
Mailing Address: 8949 MONTE VISTA AVE
 MONTCLAIR, CA 91763
County: San Bernardino
Gepaid: CAL000072686
TSD EPA ID: CAD981696420
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: .4587
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: ARTHUR F CAMPBELL
Telephone: \ (909) 399-0515
Mailing Address: 8949 MONTE VISTA AVE
 MONTCLAIR, CA 91763
County: San Bernardino

Actual:
1165 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

GREASE MONKEY \Continued

EDR ID Number
EPA ID Number

Database(s)

S102039652

Gepaid: CAL000072686
TSD EPA ID: CAT080025711
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 3.3360
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: ARTHUR F CAMPBELL
Telephone: \909\ 399-0515
Mailing Address: 8949 MONTE VISTA AVE
MONTCLAIR, CA 91763
County: San Bernardino

DEHS Permit:
Facility ID: PT0005330
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 09/30/2004

Facility ID: PT0005331
Facility Status: ACTIVE
Permit Category: Special Generator\B\
Expiration Date: 09/30/2004

**L49
ESE
1/8-1/4
1205 ft.**

**SEARS ROEBUCK & CO #1748
5080 MONTCLAIR PLAZA
MONTCLAIR, CA 91763**

**RCRIS-SQG 1000369309
FINDS CAD981442239**

Site 8 of 9 in cluster L

**Relative:
Lower**

RCRIS:
Owner: SEARS ROEBUCK & CO
\415\ 555-1212
EPA ID: CAD981442239
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

**Actual:
1171 ft.**

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \FRS\
Resource Conservation and Recovery Act Information system \RCRAINFO\

**L50
ESE
1/8-1/4
1205 ft.**

**J.C. PENNEY INC., AUTO CENTER
5100 MONTCLAIR PLAZA LANE
MONTCLAIR, CA 91763**

**HIST UST U001570193
N/A**

Site 9 of 9 in cluster L

**Relative:
Lower**

UST HIST:
Facility ID: 599
Tank Num: 1
Tank Capacity: 10000
Type of Fuel: PREMIUM
Leak Detection: None
Tank Used for: PRODUCT
Container Num: 03
Year Installed: 1969
Tank Construction: Not reported

**Actual:
1171 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

J.C. PENNEY INC., AUTO CENTER \Continued

EDR ID Number
EPA ID Number

Database(s)

U001570193

Contact Name: Not reported
Total Tanks: 0
Facility Type: Gas Station

Telephone: \714\ 621-3811
Region: STATE
Other Type: Not reported

Facility ID: 599
Tank Num: 2
Tank Capacity: 10000
Type of Fuel: REGULAR
Leak Detection: None

Tank Used for: PRODUCT
Container Num: 01
Year Installed: 1969
Tank Construction: Not reported

Contact Name: Not reported
Total Tanks: 0
Facility Type: Gas Station

Telephone: \714\ 621-3811
Region: STATE
Other Type: Not reported

Facility ID: 599
Tank Num: 3
Tank Capacity: 10000
Type of Fuel: UNLEADED
Leak Detection: None

Tank Used for: PRODUCT
Container Num: 02
Year Installed: 1969
Tank Construction: Not reported

Contact Name: Not reported
Total Tanks: 0
Facility Type: Gas Station

Telephone: \714\ 621-3811
Region: STATE
Other Type: Not reported

**51
ESE
1/8-1/4
1274 ft.**

**WESTERN ROCK CO
4952 E ARROW
UPLAND, CA 91785**

**RCRIS-SQG 1000455541
FINDS CAD982493264**

**Relative:
Lower**

RCRIS:
Owner: LARRY MICHAEL
\415\ 555-1212
EPA ID: CAD982493264
Contact: ENVIRONMENTAL MANAGER
\714\ 982-8871

**Actual:
1171 ft.**

Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \FRS\
Resource Conservation and Recovery Act Information system \RCRAINFO\

**52
WNW
1/4-1/2
1853 ft.**

**CLAREMONT COLLEGES
303 001ST ST E
CLAREMONT, CA 91711**

**LUST 1000727150
Cortese N/A**

**Relative:
Higher**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number: I-13413H
Reg Board: 4
Chemical: Diesel
Lead Agency: Regional Board
Local Agency: 19000
Case Type: Soil only

**Actual:
1183 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CLAREMONT COLLEGES \Continued\

EDR ID Number
EPA ID Number

Database(s)

1000727150

Status: Leak being confirmed
Review Date: 10/26/2001
Workplan: 11/20/91
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: 7/10/90
Close Date: 09/17/1992
Release Date: 07/10/1990
Cleanup Fund Id : Not reported
Discover Date : 03/03/1990
Enforcement Dt : Not reported
Enf Type: DLSEL
Enter Date : 07/25/1990
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JLC
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 02/14/2002
Stop Date : / /
Work Suspended : Not reported
Responsible Party: RAFAEL TORRES
RP Address: 50 E. FOOTHILL BLVD.
Global Id: T0603704067
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 7/10/1990
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-13413
Substance: Diesel
Case Type: Soil
Status: Case Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CLAREMONT COLLEGES \Continued\

EDR ID Number
EPA ID Number

Database(s)

1000727150

Region: 4
Staff: Not reported

CORTESE:

Reg Id: I-13413
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

53
WNW
1/2-1
2963 ft.

CLAREMONT COLLEGE
301 E. FIRST STREET
CLAREMONT, CA 91711

Notify 65 S100177986
N/A

Relative:
Lower

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 91711-4439

Actual:
1172 ft.

54
SSE
1/2-1
3044 ft.

SAN JOSE ST / MONTE VISTA ST
MONTCLAIR, CA 02622

CHMIRS S105652317
N/A

Relative:
Lower

CHMIRS:

OES Control Number: 97-0574
Chemical Name: Diesel Fuel
Extent of Release: Not reported
Property Use: Not reported
Incident Date: Not reported
Date Completed: Not reported
Time Completed : Not reported
Agency Id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 97-0574
Time Notified : Not reported
Surrounding Area : Not reported
Estimated Temperature : Not reported
Property Management : Not reported
More Than Two Substances Involved? : Not reported
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : 0
Responding Agency Personnel # Of Fatalities : 0
Resp Agency Personnel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported

Actual:
1110 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

\(Continued\)

S105652317

Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	Yes
Waterway :	Flood Control Channel
Spill Site :	Road
Cleanup By :	Trucking Co
Containment :	10%%
What Happened :	Big Rig drove over curb puncturing saddle tanks causing fuel to spill onto street & into storm drain & flood control, spill diked; clean up being negotiated by Trucking Co.
Type :	PETROLEUM
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported
Date/Time :	2/8/97
Evacuations :	0

55
ESE
1/2-1
3401 ft.

EXXON SERVICE STATION #35
5209 MORENO
MONTCLAIR, CA 91763

LUST
Cortese
S102429524
N/A

Relative:
Lower

Actual:
1151 ft.

State LUST:

Cross Street:	CENTRAL	
Qty Leaked:	Not reported	
Case Number	083600938T	
Reg Board:	8	
Chemical:	Gasoline	
Lead Agency:	Regional Board	
Local Agency :	0	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	06/28/1988	
Release Date:	12/23/1985	
Cleanup Fund Id :	Not reported	
Discover Date :	/ /	
Enforcement Dt :	Not reported	
Enf Type:	Not reported	
Enter Date :	06/20/1988	
Funding:	Not reported	
Staff Initials:	CR2	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Not reported	
Leak Source:	Not reported	
MTBE Date :	/ /	
Max MTBE GW :	0 Parts per Billion	
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.	
Priority:	Not reported	
Local Case # :	Not reported	

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EXXON SERVICE STATION #35 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S102429524

Beneficial: Not reported
Staff : CAB
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Oversight Prgm : LUST
Review Date : 03/18/1992
Stop Date : / /
Work Suspended :Not reported
Responsible Party:EXXON COMPANY USA
RP Address: P.O. BOX 4415, HOUSTON, TX 77210
Global Id: T0607100098
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 8006619
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: CARL BERHHARDT
Lead Agency: Regional Board
Local Agency: 36000L
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 06/28/1988
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 06/20/1988
Funding: Not reported
Staff Initials: CR2
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.088555 / -117.6916368
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported

Cross Street: CENTRAL

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

EXXON SERVICE STATION #35 (Continued)

S102429524

GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LUST
Priority : Not reported
Work Suspended :Not reported
Responsible Party:EXXON COMPANY USA
Well name: Not reported
Distance From Lust: 1942.9288965775771275009214204
Waste Disch Global Id: Not reported
MTBE Class: *
Waste Disch Assigned Name: Not reported
Case Type: Soil only
Global ID: T0607100098
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: P.O. BOX 4415, HOUSTON, TX 77210
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083600938T
Water System Name: Not reported
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: GASOLINE
Staff: CARL BERHHARDT
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083600938T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

56
East
1/2-1
3541 ft.

5225 ARROW
MONTCLAIR, CA 91763

CHMIRS S100274966
N/A

Relative:
Higher

CHMIRS:

Actual:
1192 ft.

OES Control Number: 8906437
Chemical Name: Not reported
Extent of Release: Not reported
Property Use: Mercantile, Business
Incident Date: 05-JUN-89
Date Completed: 05-JUN-89
Time Completed : 1825
Agency Id Number : 36140
Agency Incident Number : 491354
OES Incident Number : 8906437
Time Notified : 1539
Surrounding Area : 962
Estimated Temperature : 80
Property Management : P
More Than Two Substances Involved? : N

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S100274966

Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personel # Of Injuries : 0
Responding Agency Personel # Of Fatalities : 0
Resp Agency Personel # Of Decontaminated : 0
Others Number Of Decontaminated : 0
Others Number Of Injuries : 0
Others Number Of Fatalities : 0
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : RANDOLPH W ROHRER
Report Date : 05-JUN-89
Comments : Not reported
Facility Telephone Number : 714 626-1217
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : Not reported
Cleanup By : Not reported
Containment : Not reported
What Happened : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported
Date/Time : Not reported
Evacuations : Not reported

57
ESE
1/2-1
3775 ft.

GOODYEAR TIRE CENTER
8995 CENTRAL AVE
MONTCLAIR, CA 91763

LUST
Cortese
S101301191
N/A

Relative:
Lower

Actual:
1171 ft.

State LUST:
Cross Street: MORENO
Qty Leaked: Not reported
Case Number 083600177T
Reg Board: 8
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 10/17/1994
Release Date: 03/30/1987
Cleanup Fund Id : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GOODYEAR TIRE CENTER (Continued)

S101301191

Discover Date : 02/25/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 04/06/1987
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: Tank
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 87018
Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : WICHMANN
Oversight Prgm: LUST
Oversight Prgm : LUST
Review Date : 05/30/1995
Stop Date : 02/25/1987
Work Suspended :Not reported
Responsible Party:GOODYEAR TIRE AND RUBBER CO.
RP Address: 8995 CENTRAL AVENUE, MONTCLAIR, CA 91763
Global Id: T0607100022
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region:	8	Cross Street:	MORENO
Substance:	12035		
Regional Board:	08		
Local Case Num:	87018		
Facility Status:	Case Closed		
Staff:	VALERIE JAHN		
Lead Agency:	Local Agency		
Local Agency:	36000L		
Qty Leaked:	Not reported		
County:	San Bernardino		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	10/17/1994		
Cleanup Fund Id :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GOODYEAR TIRE CENTER (Continued)

S101301191

Discover Date : 02/25/1987
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 04/06/1987
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.090634 / -117.6893927
Leak Cause: UNK
Leak Source: Tank
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : WICHMANN
Oversight Prgm : LUST
Priority : Not reported
Work Suspended :Not reported
Responsible Party:GOODYEAR TIRE AND RUBBER CO.
Well name: WELL 04 - INACTIVE
Distance From Lust: 1678.5635790676019993324543875
Waste Disch Global Id: W0607110029
MTBE Class: *
Waste Disch Assigned Name: 01S/08W-14A03 S
Case Type: Soil only
Global ID: T0607100022
How Stopped Date: 02/25/1987
Organization Name: Not reported
Contact Person: Not reported
RP Address: 8995 CENTRAL AVENUE, MONTCLAIR, CA 91763
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083600177T
Water System Name: MONTE VISTA CWD
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: WASTE OIL
Staff: VALERIE JAHN
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083600177T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

58
ESE
1/2-1
3853 ft.

9041 CENTRAL AVENUE
MONTECLAIR, CA 91763

CHMIRS S100278408
N/A

Relative:
Lower

CHMIRS:

Actual:
1163 ft.

OES Control Number: 9120140
Chemical Name: Not reported
Extent of Release: Not reported
Property Use: Mercantile, Business
Incident Date: 01-NOV-91
Date Completed: 01-NOV-91
Time Completed : 1118
Agency Id Number : 36140
Agency Incident Number : 2872
OES Incident Number : 9120140
Time Notified : 930
Surrounding Area : 500
Estimated Temperature : 72
Property Management : P
More Than Two Substances Involved? : N
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personnel # Of Injuries : 0
Responding Agency Personnel # Of Fatalities : 0
Resp Agency Personnel # Of Decontaminated : 0
Others Number Of Decontaminated : 0
Others Number Of Injuries : 0
Others Number Of Fatalities : 0
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : DANIEL TAPIA T975
Report Date : 01-NOV-91
Comments : No
Facility Telephone Number : 714 626-1217
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : Not reported
Cleanup By : Not reported
Containment : Not reported
What Happened : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported
Date/Time : Not reported
Evacuations : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

\(Continued\)

S100278408

59
NW
1/2-1
4075 ft.

POMONA COLLEGE
555 COLLEGE WY N
CLAREMONT, CA 91711

LUST
Cortese
S101295894
N/A

Relative:
Higher

State LUST:

Actual:
1216 ft.

Cross Street: 006TH ST
Qty Leaked: Not reported
Case Number I-15931H
Reg Board: 4
Chemical: Waste Oil
Lead Agency: Regional Board
Local Agency : 19000
Case Type: Soil only
Status: Leak being confirmed
Review Date: 02/20/2002
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 05/02/1996
Release Date: 11/20/1990
Cleanup Fund Id : Not reported
Discover Date : 10/31/1990
Enforcement Dt : Not reported
Enf Type: DLLET
Enter Date : 12/05/1990
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JLC
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : YOUNG, RICHARD
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 10/23/2001
Stop Date : 10/31/1990
Work Suspended :Not reported
Responsible PartyJAMES HANSEN
RP Address: 101 N. COLLEGE WAY
Global Id: T0603704368
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0

Confirm Leak: 02/20/2002
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

POMONA COLLEGE (Continued)

EDR ID Number
EPA ID Number

S101295894

Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 11/20/1990
Lead Agency: Local Agency
Local Agency: 19000
Case Number: I-15931
Substance: Waste Oil
Case Type: Soil
Status: Case Closed
Region: 4
Staff: Not reported

CORTESE:

Reg Id: I-15931
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**60
ESE
1/2-1
4201 ft.**

**FIRESTONE TIRE
9201 CENTRAL AVE
MONTCLAIR, CA 91763**

**LUST
Cortese
San Bern. Co. Permit**

**S104764381
N/A**

**Relative:
Lower**

State LUST:

Cross Street: 10 FREEWAY
Qty Leaked: Not reported
Case Number: 083601659T
Reg Board: 8
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 10/31/2000
Release Date: 08/09/1990
Cleanup Fund Id : Not reported
Discover Date : 08/09/1990
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 09/16/1990
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

**Actual:
1144 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

FIRESTONE TIRE (Continued)

EDR ID Number
EPA ID Number

Database(s)

S104764381

MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 87081
Beneficial: Not reported
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Oversight Prgm : LUST
Review Date : 06/18/1997
Stop Date : / /
Work Suspended :Not reported
Responsible Party:FIRESTONE TIRE
RP Address: 9201 CENTRAL AVE.
Global Id: T0607100195
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12035
Regional Board: 08
Local Case Num: 87081
Facility Status: Case Closed
Staff: VALERIE JAHN
Lead Agency: Local Agency
Local Agency: 36000L
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 10/31/2000
Cleanup Fund Id : Not reported
Discover Date : 08/09/1990
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 09/16/1990
Funding: Not reported
Staff Initials: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Yes
Lat/Lon : 34.0863861 / -117.6893767
Leak Cause: Not reported

Cross Street: 10 FREEWAY

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FIRESTONE TIRE \Continued

S104764381

Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LUST
Priority : Not reported
Work Suspended :Not reported
Responsible Party:FIRESTONE TIRE
Well name: WELL 04 - INACTIVE
Distance From Lust: 2272.8048880184145892953838851
Waste Disch Global Id: W0607110029
MTBE Class: *
Waste Disch Assigned Name: 01S/08W-14A03 S
Case Type: Soil only
Global ID: T0607100195
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: 9201 CENTRAL AVE.
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083601659T
Water System Name: MONTE VISTA CWD
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: WASTE OIL
Staff: VALERIE JAHN
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083601659T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

DEHS Permit:

Facility ID: PT0002237
Facility Status: ACTIVE
Permit Category: Special Generator\B\)
Expiration Date: 05/31/2004

Facility ID: PT0002238
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 05/31/2004

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

61
NE
1/2-1
4639 ft.

WESTON E. MONTGOMERY FUEL
2085 11TH ST
UPLAND, CA 91786

LUST
Cortese

S102441224
N/A

Relative:
Higher

Actual:
1301 ft.

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number: 083602753T
Reg Board: 8
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 0
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 01/08/1996
Release Date: 10/25/1995
Cleanup Fund Id : Not reported
Discover Date : 09/28/1995
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/19/1995
Funding: Not reported
Staff Initials: JC3
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : 95058
Beneficial: Not reported
Staff : WDM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 06/25/1996
Stop Date : / /
Work Suspended : Not reported
Responsible Party: WESTON E MONTGOMERY FUEL
RP Address: 2085 W. 11TH ST., UPLAND CA 91786
Global Id: T0607100397
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtb Fuel: 0
Water System Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WESTON E. MONTGOMERY FUEL (Continued\)

EDR ID Number
EPA ID Number

Database(s)

S102441224

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 8:

Region: 8
Substance: 12034
Regional Board: 08
Local Case Num: 95058
Facility Status: Case Closed
Staff: Not reported
Lead Agency: Local Agency
Local Agency: 36000L
Qty Leaked: Not reported
County: San Bernardino
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 01/08/1996
Cleanup Fund Id : Not reported
Discover Date : 09/28/1995
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/19/1995
Funding: Not reported
Staff Initials: JC3
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 34.1032976 / -117.6908148
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: UPPER SANTA ANA VALL
Operator : Not reported
Oversight Prgm : LOP
Priority : Not reported
Work Suspended :Not reported

Cross Street: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

Responsible PartyWESTON E MONTGOMERY FUEL

Well name: WELL 14 - DESTROYED
Distance From Lust: 995.6027308648070735057729631
Waste Disch Global Id: W0607110050
MTBE Class: *
Waste Disch Assigned Name: 01S/08W-11B02 S
Case Type: Soil only
Global ID: T0607100397
How Stopped Date: / /
Organization Name: Not reported
Contact Person: Not reported
RP Address: 2085 W. 11TH ST., UPLAND CA 91786

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WESTON E. MONTGOMERY FUEL (Continued\)

EDR ID Number
EPA ID Number

Database(s)

S102441224

MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083602753T
Water System Name: UPLAND, CITY OF
Code Name: SAN BERNARDINO
Agency Name: Not reported
Priority: Not reported
State Expalnation: CASE CLOSED
Substance: DIESEL
Staff: Not reported
Case Type: S
Summary: Not reported

CORTESE:

Reg Id: 083602753T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

**62
SE
1/2-1
5099 ft.**

**9400 CENTRAL
MONTCLAIR, CA 91763**

**CHMIRS S100216121
N/A**

**Relative:
Lower**

CHMIRS:

**Actual:
1109 ft.**

OES Control Number: 8802067
Chemical Name: Not reported
Extent of Release: Not reported
Property Use: Mercantile, Business
Incident Date: 02-JUL-88
Date Completed: 02-JUL-88
Time Completed : 1445
Agency Id Number : 36140
Agency Incident Number : 48438
OES Incident Number : 8802067
Time Notified : 1404
Surrounding Area : 500
Estimated Temperature : 95
Property Management : P
More Than Two Substances Involved? : N
Special Studies 1 : Not reported
Special Studies 2 : Not reported
Special Studies 3 : Not reported
Special Studies 4 : Not reported
Special Studies 5 : Not reported
Special Studies 6 : Not reported
Responding Agency Personel # Of Injuries : Not reported
Responding Agency Personel # Of Fatalities : Not reported
Resp Agncy Personel # Of Decontaminated : Not reported
Others Number Of Decontaminated : Not reported
Others Number Of Injuries : Not reported
Others Number Of Fatalities : Not reported
Vehicle Make/year : Not reported
Vehicle License Number : Not reported
Vehicle State : Not reported
Vehicle Id Number : Not reported
CA/DOT/PUC/ICC Number : Not reported
Company Name : Not reported
Reporting Officer Name/ID : MICHAEL E HARDEN H776
Report Date : 02-JUL-88

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

\(Continued\)

S100216121

Comments : No
Facility Telephone Number : 714 626-1217
Waterway Involved : Not reported
Waterway : Not reported
Spill Site : Not reported
Cleanup By : Not reported
Containment : Not reported
What Happened : Not reported
Type : Not reported
Other : Not reported
Chemical 1 : Not Reported
Chemical 2 : Not Reported
Chemical 3 : Not Reported
Date/Time : Not reported
Evacuations : Not reported

63
North
1/2-1
5117 ft.

CHEVRON STATION 20 2024
699 E FOOTHILL
CLAREMONT, CA 91711

RCRIS-SQG
FINDS
LUST
Cortese

1000820179
CAD983662065

Relative:
Higher

RCRIS:
Owner: CHEVRON U S A PRODUCTS CO
\\(310\\) 694-7452
EPA ID: CAD983662065
Contact: DESIREE CLOSS
\\(310\\) 694-7452
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

Actual:
1330 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System \\\(FRS\\)
Resource Conservation and Recovery Act Information system \\\(RCRAINFO\\)

State LUST:

Cross Street: Not reported
Qty Leaked: Not reported
Case Number R-21176
Reg Board: 4
Chemical: 1
Lead Agency: Local Agency
Local Agency : 19000
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 07/24/1996
Release Date: 07/24/1996
Cleanup Fund Id : Not reported
Discover Date : / /
Enforcement Dt : Not reported
Enf Type: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON STATION 20 2024 \ (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000820179

Enter Date : 08/23/1996
Funding: Not reported
Staff Initials: Not reported
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JLC
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST \ (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 07/24/1996
Stop Date : / /
Work Suspended : Not reported
Responsible Party: CHEVRON USS INC
RP Address: 1300 S BEACH BLVD., LA HABRA CA 90632-6300
Global Id: T0603705326
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 7/24/1996
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-21176
Substance: 1
Case Type: Soil
Status: Case Closed
Region: 4
Staff: Not reported

CORTESE:

Reg Id: R-21176
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON STATION 20 2024 \Continued\

EDR ID Number
EPA ID Number

Database(s)

1000820179

64
North
1/2-1
5217 ft.

76 PRODUCTS STATION #3824
601 FOOTHILL BLVD E
CLAREMONT, CA 91711

LUST
Cortese
S102439925
N/A

Relative:
Higher

Actual:
1321 ft.

State LUST:

Cross Street: MILLS
Qty Leaked: Not reported
Case Number: R-10271
Reg Board: 4
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 19000
Case Type: Soil only
Status: Leak being confirmed
Review Date: 09/15/1994
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 09/16/1994
Cleanup Fund Id : Not reported
Discover Date : 09/13/1994
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 11/02/1995
Funding: Not reported
Staff Initials: Not reported
How Discovered: OM
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : / /
Max MTBE GW : 0 Parts per Billion
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : JLC
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST \includes non-LOP cases within LOP jurisdiction\
Oversight Prgm : LIA
Review Date : 02/03/1999
Stop Date : 09/13/1994
Work Suspended :Not reported
Responsible Party:TOSCO/76 PRODUCTS TEAM
RP Address: 555 ANTON, COSTA MESA, CA 92626
Global Id: T0603704922
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0

Confirm Leak: 09/15/1994
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

76 PRODUCTS STATION #3824 (Continued)

S102439925

Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 9/16/1994
Lead Agency: Local Agency
Local Agency: 19000
Case Number: R-10271
Substance: Gasoline
Case Type: Soil
Status: Leak being confirmed
Region: 4
Staff: Not reported

CORTESE:

Reg Id: R-10271
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLAREMONT	S105911519	CLAREMONT UNIVERSITY CENTER	303 001ST	91711	CA SLIC
CLAREMONT	S103702267	SIXTH STREET DUMP-CLAREMONT	705 EAST 6TH STREET	91711	WMUDS/SWAT
CLAREMONT	S102808949	CO SANITATION DISTRICT OF LOS ANGE	CITY OF CLAREMONT/CITY YARD	91711	HAZNET
CLAREMONT	S104572597	GMS REALTY	438 CLAREMONT CENTER DR	91711	HAZNET
CLAREMONT	S104565657	GMC REALTY LLC	424 CLAREMONT CENTER DR	91711	HAZNET
CLAREMONT	S103951327	AUTO EXPO INC	508 CLAREMONT CENTER DR	91711	HAZNET
CLAREMONT	S103659536	AMERICAN STORES PROPERTIES, INC.	436 W. CLAREMONT CTR. DR.	91711	HAZNET
CLAREMONT	1000355819	CLAREMONT ONE HR CLNR-SOUTH	424 CLAREMONT CENTER DR	91711	RCRIS-SQG, FINDS, CLEANERS
CLAREMONT	U003777283	KRCA-TV62	1 GLENDORA RIDGE RD	91711	UST
CLAREMONT	S103976519	MARTIN F MCLOUD DC	428 W HARRISON SUITE 5	91711	HAZNET
CLAREMONT	S105085411	JIM COX	633 S INDIAN HILL BLVD UNIT D	91711	HAZNET
CLAREMONT	S103981958	PILGRIM PLACE	590/592 MAYFLOWER RD.	91711	HAZNET
CLAREMONT	S103639511	A T N T CORP	2 MILES N CLARMONT	91711	HAZNET
CLAREMONT	1000351947	AMER TELE & TELE CO PADUA HILLS	3 MI N OF	91711	RCRIS-SQG, FINDS
CLAREMONT	S102360674	LIVE OAK DEBRIS DISPOSAL SITE	4405 OAK CANYON ROAD	91711	SWF/LF, WMUDS/SWAT
CLAREMONT	S103971790	JB PALLETS	PARKING LOT OF 710 S INDIAN HI	91711	HAZNET
CLAREMONT	S100569911	1X THE CLAREMONT COLLEGES	PHYSICAL PLANT	91711	HAZNET
CLAREMONT	S103668438	PILGRAM PLACE	660 PILGRAM PALCE	91711	HAZNET
CLAREMONT	S105085861	CITY OF CLAREMONT	POMELLO ST BETWEEN PADUA / H	91711	HAZNET
MONTCLAIR	S103953952	CAL SELECT BUILDERS	5295 HOLF BLVD.	91763	HAZNET
MONTCLAIR	S104905593	A-S TRANSMISSION	5521 W HOLT BLVD D	91763	San Bern. Co. Permit
MONTCLAIR	1000372177	LARRY CARBURETOR SHOP	5834 HOLT BLVD #14	91763	RCRIS-SQG, FINDS, HAZNET
MONTCLAIR	S104575680	INDUSTRIAL ASPHAULT	4711 HUNINGTON DR	91763	HAZNET
MONTCLAIR	S105697713	PHILPAC	10735 KADOTA	91763	San Bern. Co. Permit
MONTCLAIR	S103625025	KENNETH WAYNE JACKSON	1193 A KADOTA AVENUE	91763	HAZNET
MONTCLAIR	S104567817	JI YOUNG LEE	10925 MILL AVE	91763	HAZNET
MONTCLAIR	S104405154	CHUNG'S MARKET	10295 MILLS AVE	91763	LUST, Cortese
MONTCLAIR	S105087942	RON FITZGERALD	4918 MISSION	91763	HAZNET
MONTCLAIR	S105091781	MACY'S WEST INC	5200 MONTCLAIR PARK LN	91763	HAZNET
MONTCLAIR	S104575047	THE PICTURE PEOPLE INC	5198 MONTCLAIR PLAZA	91763	HAZNET
MONTCLAIR	S103985122	ROBINSONS-MAY DEPT STORES	5000 MONTCLAIR PLAZA LANE	91763	HAZNET
MONTCLAIR	S103948640	ACQUIPORT 5 CORP	5031 MONTCLAIR PLAZA LANE	91763	HAZNET
MONTCLAIR	S103662923	JC PENNEY	5100 MONTCLAIR PLAZA LN	91763	HAZNET
MONTCLAIR	S103662805	SEARS ROEBUCK AND CO 1748/6828	5080 MONTCLAIR PLAZA	91763	HAZNET
MONTCLAIR	S102794464	1X MONTCLAIR PLAZA	5100 MONTCLAIR PLAZA LANE	91763	HAZNET
MONTCLAIR	S102039728	SEARS AUTO CENTER	5080 MONTCLAIR PLAZA LN	91763	San Bern. Co. Permit
MONTCLAIR	S100934937	EXPRESSLY PORTRAITS	5198 MONTCLAIR PLZ	91763	HAZNET
MONTCLAIR	S100926697	1X GOODYEAR AUTO SERVICE CTR #9362	5200 MONTCLAIR PLAZA	91763	HAZNET
MONTCLAIR	S100567614	1X ACQUIPORT FIVE	MONTCLAIR PLAZA	91763	HAZNET, CHMIRS
MONTCLAIR	S105725873	MONTCLAIR PLAZA DENTAL GROUP	5182 NMONTCLAIR PLAZA LN	91763	HAZNET
MONTCLAIR	S103663096	MONTCLAIR PLAZA CLEANERS	5144 N PLAZA LN	91763	HAZNET, CLEANERS
MONTCLAIR	1006805339	TEXACO SERVICE STATION	4910 S PLAZA LN	91763	RCRIS-SQG, FINDS
MONTCLAIR	S103963973	FAITH CENTER	SUNSIT RIDGE 5 MI N MONTCLAIR	91763	HAZNET

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MONTCLAIR	S103621306	HUD	10476 YOSIMTEE DR	91763	HAZNET
UPLAND	S104770724	STRESSCOAT INC	1334 N BENSON AVE A	91786	San Bern. Co. Permit
UPLAND	S105974497	UPLAND NISSAN SERVICE	825 N CENTRAL AVE UNIT E	91786	San Bern. Co. Permit
UPLAND	S105974496	UPLAND NISSAN SERVICE	825 N CENTRAL AVE UNIT E	91786	San Bern. Co. Permit
UPLAND	S105482105	R & R ROTARY	933 CENTRAL D	91786	San Bern. Co. Permit
UPLAND	S105298586	R & L AUTOMOTIVE REPAIR	923 N CENTRAL L	91786	San Bern. Co. Permit
UPLAND	S104905677	GERMAN AUTO WORKS	903 N CENTRAL AVE C	91786	San Bern. Co. Permit
UPLAND	S104766123	EXOTIC MOTORCARS	923 N CENTRAL D	91786	San Bern. Co. Permit
UPLAND	S104570311	HUD/ASSET MANAGEMENT SPECIALTIES I	466 CMAPUS	91786	HAZNET
UPLAND	S105085581	KATHRYN CARNEAL	SOUTHEAST CORNER OF 11TH / C	91786	HAZNET
UPLAND	1005415514	SHELL SERVICE STATION	2401 N EUCLID	91786	RCRIS-SQG, FINDS
UPLAND	S105126537	SHELL	1188 WEST FOOTHILL/MOUNTAIN	91786	HAZNET

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/22/03

Date Made Active at EDR: 08/26/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03

Elapsed ASTM days: 22

Date of Last EDR Contact: 08/04/03

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 06/10/03

Date Made Active at EDR: 08/26/03

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03

Elapsed ASTM days: 22

Date of Last EDR Contact: 08/04/03

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/11/03

Date Made Active at EDR: 10/29/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03

Elapsed ASTM days: 35

Date of Last EDR Contact: 09/24/03

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/03
Date Made Active at EDR: 10/29/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/24/03
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/24/03

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/13/03
Date Made Active at EDR: 09/18/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/22/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 09/08/03

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/03
Date Made Active at EDR: 10/01/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/11/03
Elapsed ASTM days: 20
Date of Last EDR Contact: 09/11/03

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 10/27/03

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 10/01/03
Date of Next Scheduled EDR Contact: 12/15/03

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/09/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/08/03

Date of Next Scheduled EDR Contact: 01/05/04

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/22/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03

Date of Next Scheduled EDR Contact: 11/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/25/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/31/03

Database Release Frequency: Annually

Date of Last EDR Contact: 10/23/03

Date of Next Scheduled EDR Contact: 01/19/04

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/16/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/27/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/01/03

Date of Next Scheduled EDR Contact: 12/29/03

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/13/03
Date of Next Scheduled EDR Contact: 11/10/03

DOD: Department of Defense Sites

Source: USGS

Telephone: 703-648-5920

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/15/03
Date of Next Scheduled EDR Contact: 11/10/03

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/08/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/21/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03

Date of Next Scheduled EDR Contact: 12/22/03

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01

Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/19/04

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/21/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/03

Date of Next Scheduled EDR Contact: 12/22/03

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/31/03

Date Made Active at EDR: 09/17/03

Database Release Frequency: Annually

Date of Data Arrival at EDR: 09/02/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 09/02/03

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 08/31/03

Date Made Active at EDR: 09/17/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/02/03

Elapsed ASTM days: 15

Date of Last EDR Contact: 09/02/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/02

Date Made Active at EDR: 08/07/03

Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/11/03

Elapsed ASTM days: 27

Date of Last EDR Contact: 08/25/03

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 10/27/03

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93

Date Made Active at EDR: 11/19/93

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93

Elapsed ASTM days: 18

Date of Last EDR Contact: 10/20/03

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board

Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95

Date Made Active at EDR: 09/26/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95

Elapsed ASTM days: 27

Date of Last EDR Contact: 08/04/03

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board

Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/12/03

Date Made Active at EDR: 10/16/03

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/15/03

Elapsed ASTM days: 31

Date of Last EDR Contact: 09/15/03

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/12/03

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-341-5740

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/25/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 9
Date of Last EDR Contact: 10/14/03

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities

Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/30/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 10/14/03

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03
Date Made Active at EDR: 09/17/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/02/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 09/02/03

INDIAN UST: Underground Storage Tanks on Indian Land

Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: N/A
Date Made Active at EDR: N/A
Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A
Elapsed ASTM days: 0
Date of Last EDR Contact: N/A

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

CLEANERS: Cleaner Facilities

Source: Department of Toxic Substance Control
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/11/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/05/04

CA WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 09/22/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/03
Date of Next Scheduled EDR Contact: 12/22/03

DEED: List of Deed Restrictions

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/03
Date of Next Scheduled EDR Contact: 01/05/04

NFA: No Further Action Determination

Source: Department of Toxic Substances Control
Telephone: 916-323-3400

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/31/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Emissions Inventory Data

Source: California Air Resources Board

Telephone: 916-322-2990

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/01

Database Release Frequency: Varies

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/19/04

REF: Unconfirmed Properties Referred to Another Agency

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

SCH: School Property Evaluation Program

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

NFE: Properties Needing Further Evaluation

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency

Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/01

Database Release Frequency: Annually

Date of Last EDR Contact: 08/12/03

Date of Next Scheduled EDR Contact: 11/10/03

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/02/03
Date of Next Scheduled EDR Contact: 12/01/03

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/21/03
Date of Next Scheduled EDR Contact: 11/10/03

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 07/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 06/03/03
Database Release Frequency: Varies

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-524-2236

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 05/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/29/03
Date of Next Scheduled EDR Contact: 11/24/03

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 09/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/19/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 10/02/03
Database Release Frequency: Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/11/03
Date of Next Scheduled EDR Contact: 12/08/03

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 10/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/23/03
Date of Next Scheduled EDR Contact: 12/22/03

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/03/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 05/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 09/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 09/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 07/21/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/16/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/13/03
Date of Next Scheduled EDR Contact: 01/12/04

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 12/11/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 08/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 07/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/26/04

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/27/03
Date of Next Scheduled EDR Contact: 01/05/04

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 08/26/03
Date of Next Scheduled EDR Contact: 11/24/03

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/12/04

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/02/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/15/03
Date of Next Scheduled EDR Contact: 12/15/03

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 06/19/03
Database Release Frequency: Annually

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/03
Date of Next Scheduled EDR Contact: 12/08/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 05/29/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/03
Date of Next Scheduled EDR Contact: 01/05/04

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 07/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/03
Date of Next Scheduled EDR Contact: 12/29/03

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/16/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/11/03
Date of Next Scheduled EDR Contact: 11/10/03

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/20/03
Date of Next Scheduled EDR Contact: 01/19/04

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/25/03
Date of Next Scheduled EDR Contact: 11/24/03

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/03
Date of Next Scheduled EDR Contact: 01/12/04

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 07/01/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/27/03

Date of Next Scheduled EDR Contact: 01/26/04

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 10/20/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 6L: SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Date of Government Version: 09/09/03

Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03

Date of Next Scheduled EDR Contact: 12/08/03

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Date of Government Version: 05/08/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 7: SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Date of Government Version: 05/29/03

Database Release Frequency: Varies

Date of Last EDR Contact: 09/08/03

Date of Next Scheduled EDR Contact: 11/24/03

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-3298

Date of Government Version: 04/01/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/20/03

Date of Next Scheduled EDR Contact: 01/05/04

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Date of Government Version: 09/08/03

Database Release Frequency: Annually

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 08/31/03

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/02/03

Date of Next Scheduled EDR Contact: 12/01/03

US BROWNFIELDS: A Listing of Brownfields Sites

Source: Environmental Protection Agency

Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become BCRLF cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

4748 ARROW HIGHWAY
4748 ARROW HIGHWAY
MONTCLAIR, CA 91763

TARGET PROPERTY COORDINATES

Latitude (North):	34.092899 - 34° 5' 34.4"
Longitude (West):	117.701698 - 117° 42' 6.1"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	435268.1
UTM Y (Meters):	3772484.0
Elevation:	1174 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

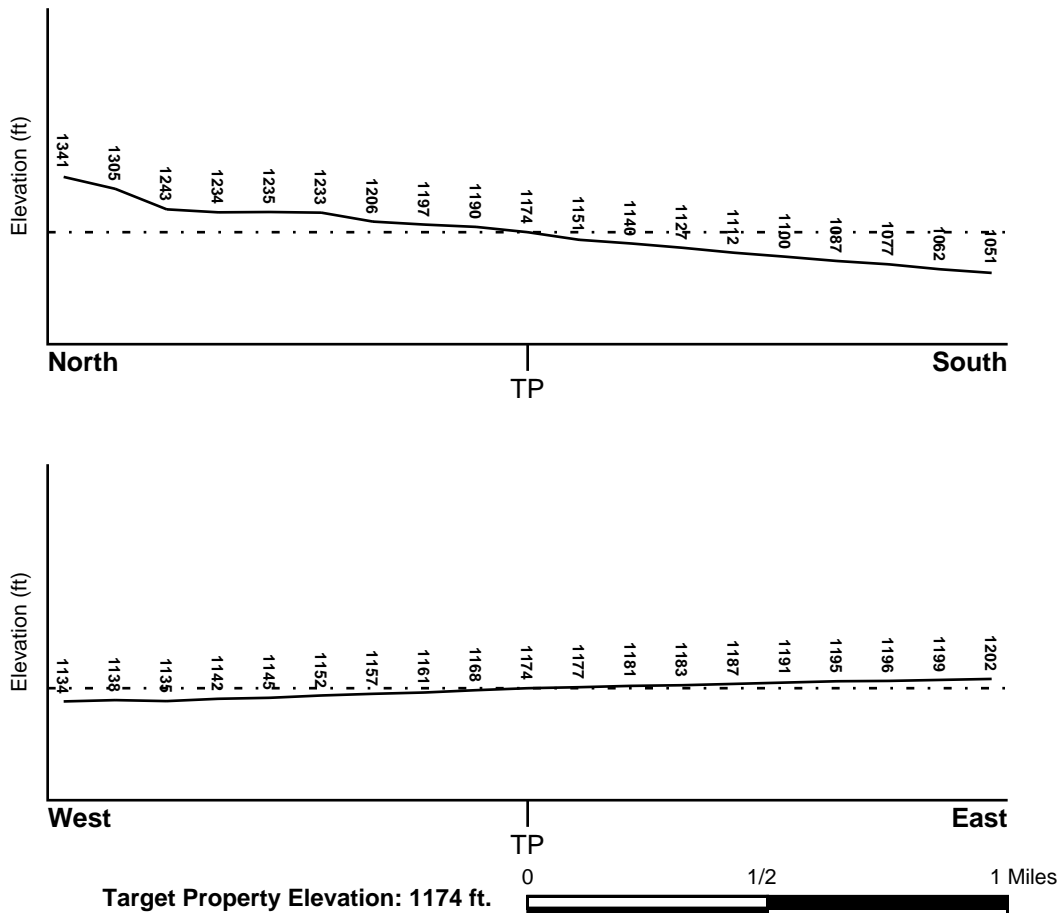
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 2434117-A6 ONTARIO, CA
General Topographic Gradient: General SSW
Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SAN BERNARDINO, CA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06071C8605F

Additional Panels in search area: 06071C8610F
06071C8608F
0601090000A
0601490000A

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
ONTARIO

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: gravelly - loamy sand
coarse sandy loam
stony - loamy sand
fine sand
silt loam
sandy loam
fine sandy loam
clay loam
gravelly - sandy loam
loamy fine sand

Surficial Soil Types: gravelly - loamy sand
coarse sandy loam
stony - loamy sand
fine sand
silt loam
sandy loam
fine sandy loam
clay loam
gravelly - sandy loam
loamy fine sand

Shallow Soil Types: fine sandy loam
gravelly - loam

Deeper Soil Types: gravelly - fine sandy loam
sand
silty clay loam
gravelly - sandy loam
loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS0155706	1/4 - 1/2 Mile East
2	USGS0155687	1/4 - 1/2 Mile SSE
10	USGS0155670	1/2 - 1 Mile South
B11	USGS0138261	1/2 - 1 Mile West
B15	USGS0138255	1/2 - 1 Mile West
D16	USGS0138257	1/2 - 1 Mile West
D17	USGS0138258	1/2 - 1 Mile West
18	USGS0138168	1/2 - 1 Mile SSW
19	USGS0155703	1/2 - 1 Mile East
20	USGS0138280	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

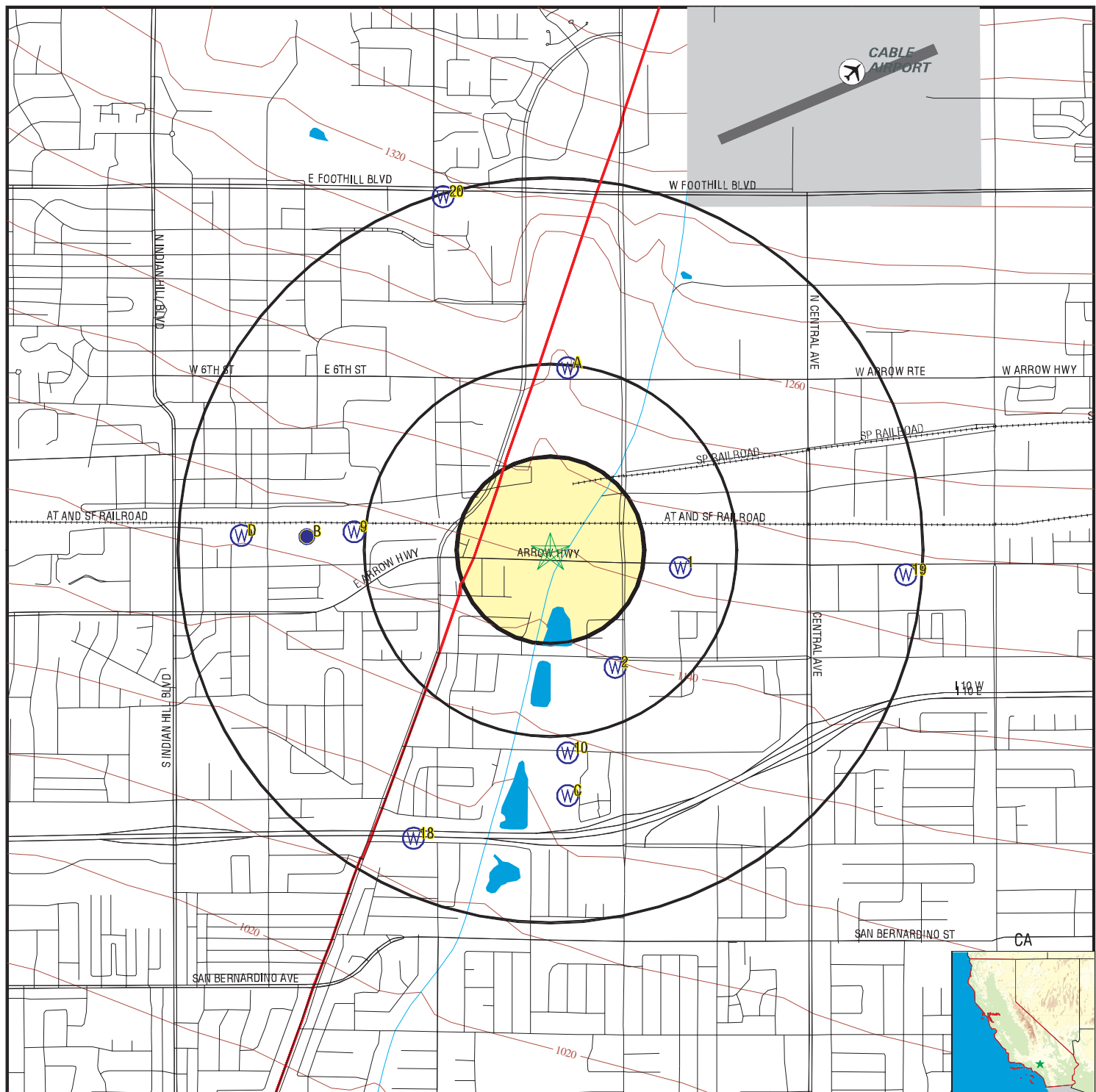
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	3162	1/4 - 1/2 Mile North
A4	1146	1/4 - 1/2 Mile North
A5	1151	1/4 - 1/2 Mile North
A6	1109	1/4 - 1/2 Mile North
A7	1106	1/4 - 1/2 Mile North
A8	1105	1/4 - 1/2 Mile North
9	14205	1/2 - 1 Mile West
B12	14203	1/2 - 1 Mile West
C13	1159	1/2 - 1 Mile South
C14	1162	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 1074387.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: 4748 Arrow Highway
 ADDRESS: 4748 Arrow Highway
 CITY/STATE/ZIP: Montclair CA 91763
 LAT/LONG: 34.0929 / 117.7017

CUSTOMER: Komex H2O Science
 CONTACT: MARISA FONTANOZ
 INQUIRY #: 1074387.2s
 DATE: October 31, 2003 9:09 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1

East
1/4 - 1/2 Mile
Higher

FED USGS USGS0155706

Agency:	USGS	Site ID:	340532117414101
Site Name:	001S008W14D001S		
Dec. Latitude:	34.09223		
Dec. Longitude:	-117.69561		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	1055		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

2

SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS0155687

Agency:	USGS	Site ID:	340518117415201
Site Name:	001S008W15H001S		
Dec. Latitude:	34.08834		
Dec. Longitude:	-117.69867		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	905		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

A3

North
1/4 - 1/2 Mile
Higher

CA WELLS 3162

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code: 036/029-001	User ID: TAN
FRDS Number: 3610029016	County: San Bernardino
District Number: 13	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Inactive Raw
Source Lat/Long: 340600.0 1174200.0	Precision: Undefined
Source Name: WELL 22 - INACTIVE	
System Number: 3610029	
System Name: MONTE VISTA CWD	
Organization That Operates System:	
PO BOX 71	
MONTCLAIR, CA 91763	
Pop Served: 38000	Connections: 10837
Area Served: MONTCLAIR	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 05/11/1995	Findings: 18.900 C
Chemical: SOURCE TEMPERATURE C	
Sample Collected: 05/11/1995	Findings: 530.000 UMHO
Chemical: SPECIFIC CONDUCTANCE	
Sample Collected: 05/11/1995	Findings: 7.800
Chemical: FIELD PH	
Sample Collected: 05/11/1995	Findings: 7.800
Chemical: PH (LABORATORY)	
Sample Collected: 05/11/1995	Findings: 158.400 MG/L
Chemical: TOTAL ALKALINITY (AS CaCO3)	
Sample Collected: 05/11/1995	Findings: 193.200 MG/L
Chemical: BICARBONATE ALKALINITY	
Sample Collected: 05/11/1995	Findings: 228.000 MG/L
Chemical: TOTAL HARDNESS (AS CaCO3)	
Sample Collected: 05/11/1995	Findings: 66.000 MG/L
Chemical: CALCIUM	
Sample Collected: 05/11/1995	Findings: 12.800 MG/L
Chemical: MAGNESIUM	
Sample Collected: 05/11/1995	Findings: 20.300 MG/L
Chemical: SODIUM	
Sample Collected: 05/11/1995	Findings: 1.900 MG/L
Chemical: POTASSIUM	
Sample Collected: 05/11/1995	Findings: 17.500 MG/L
Chemical: CHLORIDE	
Sample Collected: 05/11/1995	Findings: .200 MG/L
Chemical: FLUORIDE (TEMPERATURE DEPENDENT)	
Sample Collected: 05/11/1995	Findings: 2.900 UG/L
Chemical: ARSENIC	
Sample Collected: 05/11/1995	Findings: 681.000 UG/L
Chemical: IRON	
Sample Collected: 05/11/1995	Findings: 67.000 UG/L
Chemical: MANGANESE	
Sample Collected: 05/11/1995	Findings: 308.000 MG/L
Chemical: TOTAL DISSOLVED SOLIDS	
Sample Collected: 05/11/1995	Findings: .970
Chemical: LANGELIER INDEX @ 60 C	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/11/1995	Findings:	.240
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/11/1995	Findings:	29.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/11/1995	Findings:	12.220
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05/11/1995	Findings:	6682.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/18/1995	Findings:	30.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/14/1995	Findings:	29.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1995	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO3)		

A4
North
1/4 - 1/2 Mile
Higher

CA WELLS 1146

Water System Information:

Prime Station Code:	01S/08W-10B01 S	User ID:	MET
FRDS Number:	1910024011	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1174200.0	Precision:	Undefined
Source Name:	FAIR OAKS WELL 01		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	08/09/1985	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/02/1985	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/18/1986	Findings:	.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/31/1988	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/04/1989	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/04/1989	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/24/1990	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/03/1990	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/24/1990	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/24/1990	Findings:	360.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/24/1990	Findings:	7.870
Chemical:	PH (LABORATORY)		
Sample Collected:	08/24/1990	Findings:	134.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/24/1990	Findings:	164.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/24/1990	Findings:	129.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/24/1990	Findings:	42.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/24/1990	Findings:	5.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/24/1990	Findings:	23.300 MG/L
Chemical:	SODIUM		
Sample Collected:	08/24/1990	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/24/1990	Findings:	6.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/24/1990	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/24/1990	Findings:	205.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/24/1990	Findings:	16.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/24/1990	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/05/1990	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/07/1990	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/31/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/19/1991	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/19/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/13/1991	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/03/1991	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/01/1991	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/01/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/01/1991	Findings:	.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/01/1991	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/03/1991	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/07/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/07/1991	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/04/1991	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/08/1992	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	16.670 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1992	Findings:	360.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/05/1992	Findings:	7.900
Chemical:	FIELD PH		
Sample Collected:	02/05/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/05/1992	Findings:	131.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/05/1992	Findings:	160.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	120.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/05/1992	Findings:	41.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	3.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	26.400 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1992	Findings:	1.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	8.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	188.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	.810
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/05/1992	Findings:	.030
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1992	Findings:	16.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	12.030
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	02/05/1992	Findings:	16.670 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1992	Findings:	360.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1992	Findings:	7.900
Chemical:	FIELD PH		
Sample Collected:	02/05/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/05/1992	Findings:	131.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/05/1992	Findings:	160.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	120.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/05/1992	Findings:	41.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	3.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	26.400 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1992	Findings:	1.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	8.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	188.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	.810
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/05/1992	Findings:	.030
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1992	Findings:	16.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/05/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	12.030
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	03/04/1992	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/01/1992	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/06/1992	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/01/1992	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/05/1992	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/02/1992	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/07/1992	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/04/1992	Findings:	1.850 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/27/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/03/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/07/1993	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/05/1993	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/07/1993	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/04/1993	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/06/1993	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/02/1994	Findings:	15.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/01/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/06/1994	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/03/1994	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/07/1994	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/02/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/07/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/13/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/13/1994	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/04/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/08/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/05/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/03/1995	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/07/1995	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/05/1995	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/02/1995	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/04/1995	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/01/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/06/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/03/1996	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/22/1996	Findings:	380.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/22/1996	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	01/22/1996	Findings:	144.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/22/1996	Findings:	176.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/22/1996	Findings:	154.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/22/1996	Findings:	52.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/22/1996	Findings:	4.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/22/1996	Findings:	17.500 MG/L
Chemical:	SODIUM		
Sample Collected:	01/22/1996	Findings:	1.050 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/22/1996	Findings:	4.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/22/1996	Findings:	212.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/22/1996	Findings:	15.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1996	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/27/1996	Findings:	3.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	02/27/1996	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	3800.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/03/1996	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/01/1996	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/05/1996	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/03/1996	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/23/1996	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/23/1996	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/07/1996	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/04/1996	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/02/1996	Findings:	3.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/06/1996	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/27/1996	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	8.120
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/08/1997	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/05/1997	Findings:	2.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/26/1997	Findings:	19.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/05/1997	Findings:	2.810 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	1.050 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/19/1997	Findings:	2.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/07/1997	Findings:	2.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/02/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/08/1997	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/08/1997	Findings:	20.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1997	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/03/1997	Findings:	2.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/01/1997	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/05/1997	Findings:	2.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/03/1997	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/07/1998	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

A5
North
1/4 - 1/2 Mile
Higher

CA WELLS 1151

Water System Information:

Prime Station Code:	01S/08W-11D01 S	User ID:	TAN
FRDS Number:	3610029015	County:	San Beernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	340600.0 1174200.0	Precision:	Undefined
Source Name:	WELL 21 - INACTIVE		
System Number:	3610029		
System Name:	MONTE VISTA CWD		
Organization That Operates System:	PO BOX 71		
	MONTCLAIR, CA 91763		
Pop Served:	38000	Connections:	10837
Area Served:	MONTCLAIR		

A6
North
1/4 - 1/2 Mile
Higher

CA WELLS 1109

Water System Information:

Prime Station Code:	01S/08W-03G02 S	User ID:	MET
FRDS Number:	1910024020	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340600.0 1174200.0	Precision:	Undefined
Source Name:	MILL WELL 01		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/18/1986	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/18/1986	Findings:	.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	11.700 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/21/1989	Findings:	415.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/21/1989	Findings:	7.510
Chemical:	FIELD PH		
Sample Collected:	03/21/1989	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	03/21/1989	Findings:	144.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/21/1989	Findings:	176.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/21/1989	Findings:	164.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/21/1989	Findings:	54.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/21/1989	Findings:	7.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/21/1989	Findings:	17.400 MG/L
Chemical:	SODIUM		
Sample Collected:	03/21/1989	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/21/1989	Findings:	5.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/21/1989	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/21/1989	Findings:	.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	253.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/21/1989	Findings:	.560
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1989	Findings:	- .330
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1989	Findings:	14.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/21/1989	Findings:	11.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/14/1989	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/30/1990	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/24/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/11/1990	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/11/1990	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/24/1990	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/24/1990	Findings:	430.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/24/1990	Findings:	7.200
Chemical:	PH (LABORATORY)		
Sample Collected:	08/24/1990	Findings:	168.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/24/1990	Findings:	205.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/24/1990	Findings:	200.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/24/1990	Findings:	58.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/24/1990	Findings:	13.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/24/1990	Findings:	7.300 MG/L
Chemical:	SODIUM		
Sample Collected:	08/24/1990	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/24/1990	Findings:	8.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/24/1990	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/24/1990	Findings:	249.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/24/1990	Findings:	18.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/24/1990	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/20/1991	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/20/1991	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/08/1991	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/08/1991	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/08/1991	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/08/1991	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/21/1991	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/21/1991	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/12/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/12/1992	Findings:	15.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/12/1992	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/12/1992	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	02/12/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	02/12/1992	Findings:	142.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	02/12/1992	Findings:	173.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/12/1992	Findings:	188.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	02/12/1992	Findings:	55.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/12/1992	Findings:	12.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/12/1992	Findings:	7.300 MG/L
Chemical:	SODIUM		
Sample Collected:	02/12/1992	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/12/1992	Findings:	11.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/12/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/12/1992	Findings:	201.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/12/1992	Findings:	.660
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/12/1992	Findings:	- .080
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/12/1992	Findings:	18.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/12/1992	Findings:	1.000 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/12/1992	Findings:	11.890
Chemical:	AGGRESSIVE INDEX (CORROSIVITY)		
Sample Collected:	12/08/1993	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/09/1994	Findings:	20.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/29/1994	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/09/1994	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/09/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/13/1994	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/22/1996	Findings:	390.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/22/1996	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	01/22/1996	Findings:	156.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	01/22/1996	Findings:	191.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/22/1996	Findings:	192.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	01/22/1996	Findings:	59.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/22/1996	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/22/1996	Findings:	8.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/22/1996	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/22/1996	Findings:	9.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/22/1996	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/22/1996	Findings:	221.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/22/1996	Findings:	10.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/27/1996	Findings:	.160 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/27/1996	Findings:	56.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	02/27/1996	Findings:	8.300 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/27/1996	Findings:	1900.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/23/1996	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/23/1996	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	13.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	7.960
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1997	Findings:	5.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/26/1997	Findings:	3.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1997	Findings:	3.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/05/1997	Findings:	3.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	1.140 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/09/1997	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	7.430 MG/L
Chemical:	NITRATE (AS NO3)		

A7
North
1/4 - 1/2 Mile
Higher

CA WELLS 1106

Water System Information:

Prime Station Code:	01S/08W-03F03 S	User ID:	MET
FRDS Number:	1910126032	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	340600.0 1174200.0	Precision:	Undefined
Source Name:	WELL T-03		
System Number:	1910126		
System Name:	POMONA-CITY, WATER DEPT.		
Organization That Operates System:	P O BOX 660		
	POMONA, CA 91769		
Pop Served:	131723	Connections:	27808
Area Served:	POMONA		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	04/18/1989	Findings:	410.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/18/1989	Findings:	7.920
Chemical:	PH (LABORATORY)		
Sample Collected:	04/18/1989	Findings:	134.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/18/1989	Findings:	163.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/18/1989	Findings:	166.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	04/18/1989	Findings:	41.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/18/1989	Findings:	15.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/18/1989	Findings:	14.400 MG/L
Chemical:	SODIUM		
Sample Collected:	04/18/1989	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/18/1989	Findings:	5.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/18/1989	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/18/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/18/1989	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/18/1989	Findings:	246.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/18/1989	Findings:	12.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/18/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/18/1989	Findings:	410.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/18/1989	Findings:	7.920
Chemical:	PH (LABORATORY)		
Sample Collected:	04/18/1989	Findings:	134.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	04/18/1989	Findings:	163.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/18/1989	Findings:	166.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	04/18/1989	Findings:	41.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/18/1989	Findings:	15.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/18/1989	Findings:	14.400 MG/L
Chemical:	SODIUM		
Sample Collected:	04/18/1989	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/18/1989	Findings:	5.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/18/1989	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/18/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/18/1989	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/18/1989	Findings:	246.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/18/1989	Findings:	12.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/18/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/10/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/10/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/05/1992	Findings:	356.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/05/1992	Findings:	7.400
Chemical:	PH (LABORATORY)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/05/1992	Findings:	138.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/05/1992	Findings:	168.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/05/1992	Findings:	172.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/05/1992	Findings:	52.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/05/1992	Findings:	8.630 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/05/1992	Findings:	10.400 MG/L
Chemical:	SODIUM		
Sample Collected:	05/05/1992	Findings:	1.950 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/05/1992	Findings:	8.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/05/1992	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/05/1992	Findings:	.770 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/05/1992	Findings:	207.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/05/1992	Findings:	11.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/21/1994	Findings:	.660 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1994	Findings:	.660 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/13/1994	Findings:	13.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1995	Findings:	12.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1995	Findings:	395.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/26/1995	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	06/26/1995	Findings:	155.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/26/1995	Findings:	189.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	.390 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	184.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/26/1995	Findings:	54.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/26/1995	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/26/1995	Findings:	9.200 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/26/1995	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/26/1995	Findings:	9.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/26/1995	Findings:	.280 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/26/1995	Findings:	240.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/26/1995	Findings:	.100
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/26/1995	Findings:	.005 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	13.640 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1995	Findings:	3100.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/21/1995	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/25/1996	Findings:	.760 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/25/1996	Findings:	.760 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/01/1996	Findings:	11.440 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/09/1997	Findings:	11.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	372.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/23/1997	Findings:	7.560
Chemical:	PH (LABORATORY)		
Sample Collected:	09/23/1997	Findings:	156.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/23/1997	Findings:	190.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/23/1997	Findings:	157.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/23/1997	Findings:	49.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/23/1997	Findings:	7.820 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/23/1997	Findings:	18.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/23/1997	Findings:	1.490 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/23/1997	Findings:	5.530 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/23/1997	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/23/1997	Findings:	.540 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/23/1997	Findings:	227.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/23/1997	Findings:	9.930 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	.540 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/23/1997	Findings:	.480 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/23/1997	Findings:	2.900 UG/L
Chemical:	ARSENIC		
Sample Collected:	01/27/1998	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/27/1998	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1998	Findings:	9.380 MG/L
Chemical:	NITRATE (AS NO3)		

A8
North
1/4 - 1/2 Mile
Higher

CA WELLS 1105

Water System Information:

Prime Station Code:	01S/08W-03F02 S	User ID:	MET
FRDS Number:	1910126031	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	340600.0 1174200.0	Precision:	Undefined
Source Name:	WELL T-01		
System Number:	1910126		
System Name:	POMONA-CITY, WATER DEPT.		
Organization That Operates System:	P O BOX 660 POMONA, CA 91769		
Pop Served:	131723	Connections:	27808
Area Served:	POMONA		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	10/10/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/10/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/24/1989	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	10/24/1989	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	10/24/1989	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/24/1989	Findings:	7.640
Chemical:	PH (LABORATORY)		
Sample Collected:	10/24/1989	Findings:	193.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/24/1989	Findings:	236.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/24/1989	Findings:	178.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/24/1989	Findings:	49.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/24/1989	Findings:	13.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/24/1989	Findings:	33.900 MG/L
Chemical:	SODIUM		
Sample Collected:	10/24/1989	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/24/1989	Findings:	5.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/24/1989	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/24/1989	Findings:	285.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/24/1989	Findings:	14.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/24/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/21/1992	Findings:	377.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/21/1992	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	04/21/1992	Findings:	136.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	04/21/1992	Findings:	166.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/21/1992	Findings:	154.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	04/21/1992	Findings:	48.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	04/21/1992	Findings:	6.870 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/21/1992	Findings:	18.500 MG/L
Chemical:	SODIUM		
Sample Collected:	04/21/1992	Findings:	1.760 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/21/1992	Findings:	8.850 MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/21/1992	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/21/1992	Findings:	.580 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/21/1992	Findings:	239.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/21/1992	Findings:	13.400 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/11/1993	Findings:	377.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/11/1993	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	10/11/1993	Findings:	159.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/11/1993	Findings:	194.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/11/1993	Findings:	189.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/11/1993	Findings:	59.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/11/1993	Findings:	10.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/11/1993	Findings:	14.400 MG/L
Chemical:	SODIUM		
Sample Collected:	10/11/1993	Findings:	1.670 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/11/1993	Findings:	12.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/11/1993	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/11/1993	Findings:	234.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/11/1993	Findings:	16.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/21/1994	Findings:	.580 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1994	Findings:	.580 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/13/1994	Findings:	16.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/06/1995	Findings:	15.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/04/1995	Findings:	.820 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/04/1995	Findings:	.820 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	06/26/1995	Findings:	390.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/26/1995	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	06/26/1995	Findings:	145.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	06/26/1995	Findings:	177.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	.730 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	167.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/26/1995	Findings:	52.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/26/1995	Findings:	9.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/26/1995	Findings:	17.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/26/1995	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/26/1995	Findings:	8.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/26/1995	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/26/1995	Findings:	12.000 UG/L
Chemical:	NICKEL		
Sample Collected:	06/26/1995	Findings:	6.000 UG/L
Chemical:	SELENIUM		
Sample Collected:	06/26/1995	Findings:	240.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/26/1995	Findings:	.300
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/26/1995	Findings:	.011 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	14.960 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1995	Findings:	3400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/21/1995	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	1.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/25/1995	Findings:	.720 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/25/1995	Findings:	.720 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/01/1995	Findings:	.590 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/01/1995	Findings:	.590 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/25/1996	Findings:	.830 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/25/1996	Findings:	.830 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/03/1996	Findings:	1.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/03/1996	Findings:	1.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/02/1996	Findings:	.720 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/02/1996	Findings:	.720 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/01/1996	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/01/1996	Findings:	11.440 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/09/1997	Findings:	.780 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/09/1997	Findings:	.780 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/09/1997	Findings:	13.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	387.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/23/1997	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	09/23/1997	Findings:	152.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/23/1997	Findings:	185.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/23/1997	Findings:	158.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/23/1997	Findings:	49.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/23/1997	Findings:	8.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/23/1997	Findings:	18.600 MG/L
Chemical:	SODIUM		
Sample Collected:	09/23/1997	Findings:	1.240 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/23/1997	Findings:	8.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/23/1997	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/23/1997	Findings:	2.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/23/1997	Findings:	245.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/23/1997	Findings:	11.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	2.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/23/1997	Findings:	.480 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/23/1997	Findings:	2.300 UG/L
Chemical:	ARSENIC		
Sample Collected:	01/27/1998	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/27/1998	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected: 02/09/1998
Chemical: NITRATE (AS NO3)

Findings: 11.600 MG/L

9
West
1/2 - 1 Mile
Lower

CA WELLS 14205

Water System Information:

Prime Station Code:	1910024-031	User ID:	MET
FRDS Number:	1910024031	County:	Los Angeles
District Number:	15	Station Type:	RESVR/WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	M	Well Status:	Combined Treated
Source Lat/Long:	340537.0 1174236.0	Precision:	100 Feet (one Second)
Source Name:	DEL MONTE BLENDING RESERVOIR - TREATED		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016 SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	05/06/1992	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/10/1992	Findings:	12.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	06/24/1992	Findings:	12.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	01/27/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/03/1993	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/10/1993	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/17/1993	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/24/1993	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/03/1993	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/10/1993	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/16/1993	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/24/1993	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/31/1993	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/14/1993	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/12/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/19/1993	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/26/1993	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/02/1993	Findings:	10.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	06/02/1993	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/09/1993	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/16/1993	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/30/1993	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/07/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/14/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/21/1993	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/04/1993	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/11/1993	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/18/1993	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/25/1993	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/08/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/15/1993	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/29/1993	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/06/1993	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/06/1993	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/13/1993	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/20/1993	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/27/1993	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/17/1993	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/24/1993	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/08/1993	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/15/1993	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/22/1993	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/12/1994	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/19/1994	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/09/1994	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/15/1994	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/16/1994	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/02/1994	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/16/1994	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/13/1994	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/01/1994	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/08/1994	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/15/1994	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/22/1994	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/29/1994	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/06/1994	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/13/1994	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/20/1994	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/27/1994	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/03/1994	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/10/1994	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/17/1994	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/24/1994	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/31/1994	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/07/1994	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/14/1994	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/21/1994	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/28/1994	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/05/1994	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/12/1994	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/19/1994	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/26/1994	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/02/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/23/1994	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/30/1994	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/07/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/21/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/04/1995	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/11/1995	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/18/1995	Findings:	2.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/08/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/22/1995	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/08/1995	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/15/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/29/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/05/1995	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/12/1995	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/19/1995	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/26/1995	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/10/1995	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/17/1995	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/24/1995	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/31/1995	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/07/1995	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/14/1995	Findings:	2.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/21/1995	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/28/1995	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/12/1995	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/19/1995	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/26/1995	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/02/1995	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/12/1995	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/21/1995	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/27/1995	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/04/1995	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/20/1995	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/25/1995	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/01/1995	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/08/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/15/1995	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/06/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/13/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/24/1996	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/01/1996	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/15/1996	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/22/1996	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/29/1996	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/05/1996	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/12/1996	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/19/1996	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/03/1996	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/10/1996	Findings:	2.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/17/1996	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/24/1996	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/31/1996	Findings:	2.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/07/1996	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/14/1996	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/21/1996	Findings:	2.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/28/1996	Findings:	2.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/04/1996	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/11/1996	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/18/1996	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/25/1996	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/02/1996	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/09/1996	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/16/1996	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/23/1996	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/30/1996	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/06/1996	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/13/1996	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/20/1996	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/27/1996	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/04/1996	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/11/1996	Findings:	2.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/18/1996	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/26/1996	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/15/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/05/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/12/1997	Findings:	3.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/19/1997	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/26/1997	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/02/1997	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/09/1997	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/16/1997	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/23/1997	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/30/1997	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/07/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/14/1997	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/21/1997	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/28/1997	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/04/1997	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/11/1997	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/18/1997	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/02/1997	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/30/1997	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/06/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/13/1997	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/20/1997	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/27/1997	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/03/1997	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/10/1997	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/17/1997	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/24/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/01/1997	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/08/1997	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/15/1997	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/22/1997	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/29/1997	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/05/1997	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/26/1997	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/31/1997	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

**10
South
1/2 - 1 Mile
Lower**

FED USGS USGS0155670

Agency:	USGS	Site ID:	340506117420001
Site Name:	001S008W15J001S		
Dec. Latitude:	34.08501		
Dec. Longitude:	-117.70089		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	816		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B11
West
1/2 - 1 Mile
Lower

FED USGS **USGS0138261**

Agency:	USGS	Site ID:	340538117424301
Site Name:	001S008W10N003S		
Dec. Latitude:	34.0939		
Dec. Longitude:	-117.71283		
Coord Sys:	NAD83		
State:	CA		
County:	Los Angeles County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	644		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

B12
West
1/2 - 1 Mile
Lower

CA WELLS **14203**

Water System Information:

Prime Station Code:	1910024-029	User ID:	MET
FRDS Number:	1910024029	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340536.0 1174244.0	Precision:	100 Feet (one Second)
Source Name:	DEL MONTE WELL 04 - TREATED		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/09/1993	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/09/1993	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/08/1993	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/08/1993	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/11/1993	Findings:	2.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/11/1993	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/08/1993	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/15/1993	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/13/1993	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/10/1993	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/08/1993	Findings:	1.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/15/1993	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/12/1994	Findings:	2.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/26/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1994	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/09/1994	Findings:	16.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/09/1994	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/23/1994	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/13/1994	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/11/1994	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/01/1994	Findings:	14.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/01/1994	Findings:	350.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/01/1994	Findings:	8.000
Chemical:	FIELD PH		
Sample Collected:	06/01/1994	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	06/01/1994	Findings:	137.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/01/1994	Findings:	167.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/01/1994	Findings:	124.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/01/1994	Findings:	44.100 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/01/1994	Findings:	3.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/01/1994	Findings:	27.800 MG/L
Chemical:	SODIUM		
Sample Collected:	06/01/1994	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/01/1994	Findings:	5.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/01/1994	Findings:	12.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	06/01/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/01/1994	Findings:	203.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/01/1994	Findings:	.950
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/01/1994	Findings:	.110
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	06/01/1994	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/01/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/01/1994	Findings:	12.180
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/01/1994	Findings:	3454.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/08/1994	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/13/1994	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/29/1994	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/10/1994	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/10/1994	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/14/1994	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/09/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/09/1994	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/09/1994	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/09/1994	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/13/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/14/1994	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/11/1995	Findings:	2.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/08/1995	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/08/1995	Findings:	1.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/08/1995	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/08/1995	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/11/1995	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/11/1995	Findings:	1.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/14/1995	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/14/1995	Findings:	1.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/12/1995	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/12/1995	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/12/1995	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/12/1995	Findings:	1.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/25/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/25/1995	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/08/1995	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/08/1995	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/13/1995	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/13/1995	Findings:	1.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/20/1995	Findings:	350.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/20/1995	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	12/20/1995	Findings:	120.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	146.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/20/1995	Findings:	112.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	38.400 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/20/1995	Findings:	3.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/20/1995	Findings:	26.900 MG/L
Chemical:	SODIUM		
Sample Collected:	12/20/1995	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/20/1995	Findings:	6.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/20/1995	Findings:	191.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/20/1995	Findings:	16.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/10/1996	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/10/1996	Findings:	2.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/14/1996	Findings:	1.500 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/14/1996	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	2.800 UG/L
Chemical:	ARSENIC		
Sample Collected:	02/26/1996	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/26/1996	Findings:	24.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1996	Findings:	5557.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/20/1996	Findings:	1.300 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/20/1996	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/12/1996	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/12/1996	Findings:	1.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/10/1996	Findings:	3.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/24/1996	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/24/1996	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/14/1996	Findings:	2.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/11/1996	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/11/1996	Findings:	4.100 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/09/1996	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/13/1996	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/27/1996	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/27/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	17.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/04/1996	Findings:	18.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	8.160
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/11/1996	Findings:	2.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/11/1996	Findings:	4.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/15/1997	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/12/1997	Findings:	5.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/12/1997	Findings:	5.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/18/1997	Findings:	17.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	1.970 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	.990 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/26/1997	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/26/1997	Findings:	4.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/09/1997	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/09/1997	Findings:	5.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/06/1997	Findings:	6.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/30/1997	Findings:	16.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/1997	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C13
South
1/2 - 1 Mile
Lower

CA WELLS 1159

Water System Information:

Prime Station Code:	01S/08W-14D01 S	User ID:	TAN
FRDS Number:	3610029004	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340500.0 1174200.0	Precision:	Undefined
Source Name:	WELL 05		
System Number:	3610029		
System Name:	MONTE VISTA CWD		
Organization That Operates System:	PO BOX 71 MONTCLAIR, CA 91763		
Pop Served:	38000	Connections:	10837
Area Served:	MONTCLAIR		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	07/15/1985	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/15/1985	Findings:	358.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/15/1985	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	07/15/1985	Findings:	130.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/15/1985	Findings:	109.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/15/1985	Findings:	35.599 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/15/1985	Findings:	4.980 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/15/1985	Findings:	19.500 MG/L
Chemical:	SODIUM		
Sample Collected:	07/15/1985	Findings:	1.940 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/15/1985	Findings:	4.830 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/15/1985	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/15/1985	Findings:	196.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/15/1985	Findings:	- .620
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/15/1985	Findings:	16.599 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/15/1985	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/15/1985	Findings:	358.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/15/1985	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	07/15/1985	Findings:	130.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/15/1985	Findings:	109.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/15/1985	Findings:	35.599 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/15/1985	Findings:	4.980 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/15/1985	Findings:	19.500 MG/L
Chemical:	SODIUM		
Sample Collected:	07/15/1985	Findings:	1.940 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/15/1985	Findings:	4.830 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/15/1985	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/15/1985	Findings:	196.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/15/1985	Findings:	- .620
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/15/1985	Findings:	16.599 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/20/1989	Findings:	.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/18/1989	Findings:	354.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/18/1989	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	08/18/1989	Findings:	127.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	08/18/1989	Findings:	114.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	08/18/1989	Findings:	38.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/18/1989	Findings:	4.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/18/1989	Findings:	39.400 MG/L
Chemical:	SODIUM		
Sample Collected:	08/18/1989	Findings:	9.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/18/1989	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/18/1989	Findings:	212.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/18/1989	Findings:	19.800 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/08/1989	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/08/1989	Findings:	5.500 UG/L
Chemical:	DICHLOROMETHANE		
Sample Collected:	04/06/1994	Findings:	23.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/04/1994	Findings:	37.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/01/1994	Findings:	24.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/14/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1994	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/06/1994	Findings:	22.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/03/1994	Findings:	24.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/07/1994	Findings:	21.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/05/1994	Findings:	24.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/12/1994	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/02/1994	Findings:	24.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/07/1994	Findings:	26.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/15/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/15/1994	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/04/1995	Findings:	26.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/01/1995	Findings:	23.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/01/1995	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/1995	Findings:	27.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1995	Findings:	23.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/11/1995	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/11/1995	Findings:	370.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/11/1995	Findings:	7.900
Chemical:	FIELD PH		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/11/1995	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	05/11/1995	Findings:	132.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	05/11/1995	Findings:	161.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/11/1995	Findings:	140.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	05/11/1995	Findings:	43.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/11/1995	Findings:	6.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/11/1995	Findings:	21.700 MG/L
Chemical:	SODIUM		
Sample Collected:	05/11/1995	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/11/1995	Findings:	6.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/11/1995	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/11/1995	Findings:	3.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	05/11/1995	Findings:	208.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/11/1995	Findings:	.820
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	05/11/1995	Findings:	.120
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/11/1995	Findings:	27.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/11/1995	Findings:	12.050
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05/11/1995	Findings:	6208.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/07/1995	Findings:	26.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/05/1995	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/02/1995	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/04/1995	Findings:	27.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	11/01/1995	Findings:	23.100 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	12/05/1995	Findings:	24.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	01/03/1996	Findings:	25.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	02/07/1996	Findings:	24.100 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/01/1996	Findings:	45.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1996	Findings:	26.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1996	Findings:	25.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/03/1996	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/07/1996	Findings:	25.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/06/1996	Findings:	21.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/02/1996	Findings:	21.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/06/1996	Findings:	21.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/04/1996	Findings:	23.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1997	Findings:	24.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1997	Findings:	21.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	25.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/02/1997	Findings:	24.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1997	Findings:	21.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1997	Findings:	20.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/02/1997	Findings:	21.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/04/1997	Findings:	360.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1997	Findings:	7.770
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1997	Findings:	136.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/04/1997	Findings:	165.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1997	Findings:	138.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/04/1997	Findings:	42.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1997	Findings:	8.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1997	Findings:	17.900 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1997	Findings:	6.660 MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/04/1997	Findings:	.224 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1997	Findings:	197.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1997	Findings:	21.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1997	Findings:	22.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/03/1997	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1997	Findings:	23.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/06/1997	Findings:	22.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/03/1997	Findings:	21.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/08/1998	Findings:	22.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1998	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/05/1998	Findings:	16.200 MG/L
Chemical:	NITRATE (AS NO3)		

C14
South
1/2 - 1 Mile
Lower

CA WELLS 1162

Water System Information:

Prime Station Code:	01S/08W-15H01 S	User ID:	TAN
FRDS Number:	3610029005	County:	San Bernardino
District Number:	13	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340500.0 1174200.0	Precision:	Undefined
Source Name:	WELL 06		
System Number:	3610029		
System Name:	MONTE VISTA CWD		
Organization That Operates System:	PO BOX 71 MONTCLAIR, CA 91763		
Pop Served:	38000	Connections:	10837
Area Served:	MONTCLAIR		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	07/15/1985	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/15/1985	Findings:	457.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/15/1985	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	07/15/1985	Findings:	138.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/15/1985	Findings:	167.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/15/1985	Findings:	54.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/15/1985	Findings:	7.750 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/15/1985	Findings:	17.399 MG/L
Chemical:	SODIUM		
Sample Collected:	07/15/1985	Findings:	2.160 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/15/1985	Findings:	14.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/15/1985	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/15/1985	Findings:	70.000 UG/L
Chemical:	ZINC		
Sample Collected:	07/15/1985	Findings:	288.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/15/1985	Findings:	- .490
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/15/1985	Findings:	55.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/15/1985	Findings:	19.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/15/1985	Findings:	457.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/15/1985	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	07/15/1985	Findings:	138.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/15/1985	Findings:	167.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/15/1985	Findings:	54.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/15/1985	Findings:	7.750 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/15/1985	Findings:	17.399 MG/L
Chemical:	SODIUM		
Sample Collected:	07/15/1985	Findings:	2.160 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/15/1985	Findings:	14.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/15/1985	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/15/1985	Findings:	70.000 UG/L
Chemical:	ZINC		
Sample Collected:	07/15/1985	Findings:	288.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/15/1985	Findings:	- .490
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	07/15/1985	Findings:	55.700 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/17/1989	Findings:	508.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/17/1989	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	07/17/1989	Findings:	136.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	07/17/1989	Findings:	191.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	07/17/1989	Findings:	61.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/17/1989	Findings:	9.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/17/1989	Findings:	22.800 MG/L
Chemical:	SODIUM		
Sample Collected:	07/17/1989	Findings:	22.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/17/1989	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/17/1989	Findings:	320.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/17/1989	Findings:	57.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	07/20/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/20/1989	Findings:	2.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/08/1989	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/08/1989	Findings:	3.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/29/1992	Findings:	.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/29/1992	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/29/1992	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/06/1994	Findings:	37.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	05/04/1994	Findings:	36.400 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/01/1994	Findings:	47.700 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	06/14/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1994	Findings:	.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/06/1994	Findings:	42.200 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	08/03/1994	Findings:	33.400 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/05/1994	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/07/1994	Findings:	29.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/05/1994	Findings:	22.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/1994	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/12/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/12/1994	Findings:	1.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	11/02/1994	Findings:	28.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/07/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/15/1994	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/15/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/15/1994	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/04/1995	Findings:	51.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/01/1995	Findings:	34.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/01/1995	Findings:	43.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/1995	Findings:	50.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1995	Findings:	48.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/11/1995	Findings:	18.300 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	05/11/1995	Findings:	520.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/11/1995	Findings:	7.900
Chemical:	FIELD PH		
Sample Collected:	05/11/1995	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	05/11/1995	Findings:	142.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/11/1995	Findings:	173.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/11/1995	Findings:	227.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/11/1995	Findings:	53.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/11/1995	Findings:	13.600 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/11/1995	Findings:	32.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/11/1995	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/11/1995	Findings:	25.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/11/1995	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/11/1995	Findings:	150.000 UG/L
Chemical:	COPPER		
Sample Collected:	05/11/1995	Findings:	252.000 UG/L
Chemical:	IRON		
Sample Collected:	05/11/1995	Findings:	13.000 UG/L
Chemical:	LEAD		
Sample Collected:	05/11/1995	Findings:	85.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/11/1995	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/11/1995	Findings:	309.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/11/1995	Findings:	.930
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	05/11/1995	Findings:	.190
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/11/1995	Findings:	53.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/11/1995	Findings:	12.180
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05/11/1995	Findings:	11986.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/17/1995	Findings:	60.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1995	Findings:	54.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/02/1995	Findings:	24.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/05/1995	Findings:	56.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/05/1996	Findings:	60.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1996	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1996	Findings:	42.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/01/1996	Findings:	50.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1996	Findings:	64.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	539.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/29/1996	Findings:	7.630
Chemical:	PH (LABORATORY)		
Sample Collected:	10/29/1996	Findings:	136.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/29/1996	Findings:	166.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/29/1996	Findings:	230.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/29/1996	Findings:	77.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/29/1996	Findings:	8.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/29/1996	Findings:	12.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/29/1996	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/29/1996	Findings:	19.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/29/1996	Findings:	.270 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/29/1996	Findings:	262.000 UG/L
Chemical:	IRON		
Sample Collected:	10/29/1996	Findings:	299.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/29/1996	Findings:	58.500 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	10/30/1996	Findings:	550.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/30/1996	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	10/30/1996	Findings:	148.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	10/30/1996	Findings:	180.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/30/1996	Findings:	227.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	10/30/1996	Findings:	72.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/30/1996	Findings:	17.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/30/1996	Findings:	13.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/30/1996	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/30/1996	Findings:	22.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/30/1996	Findings:	.350 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/30/1996	Findings:	3200.000 UG/L
Chemical:	IRON		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/30/1996	Findings:	217.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	10/30/1996	Findings:	113.000 UG/L
Chemical:	ZINC		
Sample Collected:	10/30/1996	Findings:	322.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/30/1996	Findings:	59.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/30/1996	Findings:	548.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/30/1996	Findings:	7.980
Chemical:	PH (LABORATORY)		
Sample Collected:	10/30/1996	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/30/1996	Findings:	183.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/30/1996	Findings:	224.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/30/1996	Findings:	72.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/30/1996	Findings:	15.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/30/1996	Findings:	12.600 MG/L
Chemical:	SODIUM		
Sample Collected:	10/30/1996	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/30/1996	Findings:	22.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/30/1996	Findings:	.320 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/30/1996	Findings:	210.000 UG/L
Chemical:	IRON		
Sample Collected:	10/30/1996	Findings:	321.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/30/1996	Findings:	62.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/30/1996	Findings:	545.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/30/1996	Findings:	7.940
Chemical:	PH (LABORATORY)		
Sample Collected:	10/30/1996	Findings:	145.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/30/1996	Findings:	176.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/30/1996	Findings:	227.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/30/1996	Findings:	71.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/30/1996	Findings:	15.200 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/30/1996	Findings:	12.600 MG/L
Chemical:	SODIUM		
Sample Collected:	10/30/1996	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/30/1996	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/30/1996	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/30/1996	Findings:	210.000 UG/L
Chemical:	IRON		
Sample Collected:	10/30/1996	Findings:	316.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/30/1996	Findings:	62.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/21/1997	Findings:	58.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1997	Findings:	65.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1997	Findings:	58.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1997	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/02/1997	Findings:	60.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/04/1997	Findings:	415.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/04/1997	Findings:	7.760
Chemical:	PH (LABORATORY)		
Sample Collected:	08/04/1997	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/04/1997	Findings:	183.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/04/1997	Findings:	224.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/04/1997	Findings:	69.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/04/1997	Findings:	12.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/04/1997	Findings:	14.700 MG/L
Chemical:	SODIUM		
Sample Collected:	08/04/1997	Findings:	3.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/04/1997	Findings:	20.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/04/1997	Findings:	.294 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/04/1997	Findings:	250.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/04/1997	Findings:	60.600 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/06/1997	Findings:	60.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/03/1997	Findings:	55.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1997	Findings:	61.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/06/1997	Findings:	60.600 MG/L
Chemical:	NITRATE (AS NO3)		

B15
West
1/2 - 1 Mile
Lower

FED USGS USGS0138255

Agency:	USGS	Site ID:	340535117424501
Site Name:	001S008W10N001S		
Dec. Latitude:	34.09307		
Dec. Longitude:	-117.71339		
Coord Sys:	NAD83		
State:	CA		
County:	Los Angeles County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	450		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

D16
West
1/2 - 1 Mile
Lower

FED USGS USGS0138257

Agency:	USGS	Site ID:	340536117425501
Site Name:	001S008W09R001S		
Dec. Latitude:	34.09334		
Dec. Longitude:	-117.71617		
Coord Sys:	NAD83		
State:	CA		
County:	Los Angeles County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	890		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D17
West
1/2 - 1 Mile
Lower

FED USGS USGS0138258

Agency:	USGS	Site ID:	340537117425501
Site Name:	001S008W10N015S		
Dec. Latitude:	34.09362		
Dec. Longitude:	-117.71617		
Coord Sys:	NAD83		
State:	CA		
County:	Los Angeles County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	372		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

18
SSW
1/2 - 1 Mile
Lower

FED USGS USGS0138168

Agency:	USGS	Site ID:	340454117422601
Site Name:	001S008W15P002S		
Dec. Latitude:	34.08168		
Dec. Longitude:	-117.70811		
Coord Sys:	NAD83		
State:	CA		
County:	Los Angeles County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	742		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

19
East
1/2 - 1 Mile
Higher

FED USGS USGS0155703

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency:	USGS	Site ID:	340531117410301
Site Name:	001S008W14A002S		
Dec. Latitude:	34.09195		
Dec. Longitude:	-117.68506		
Coord Sys:	NAD83		
State:	CA		
County:	San Bernardino County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	474		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

20
NNW
1/2 - 1 Mile
Higher

FED USGS USGS0138280

Agency:	USGS	Site ID:	340624117422101
Site Name:	001S008W10B001S		
Dec. Latitude:	34.10668		
Dec. Longitude:	-117.70672		
Coord Sys:	NAD83		
State:	CA		
County:	Los Angeles County		
Altitude:	Not Reported		
Hydrologic code:	18070203		
Topographic:	Not Reported		
Site Type:	Ground-water other than Spring		
Const Date:	Not Reported	Inven Date:	Not Reported
Well Type:	Single well, other than collector or Ranney type		
Primary Aquifer:	Not Reported		
Aquifer type:	Not Reported		
Well depth:	800		
Hole depth:	Not Reported	Source:	Not Reported
Project no:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level ≥ 2 pCi/L and ≤ 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLAREMONT	S105911519	CLAREMONT UNIVERSITY CENTER	303 001ST	91711	CA SLIC
CLAREMONT	S103702267	SIXTH STREET DUMP-CLAREMONT	705 EAST 6TH STREET		WMUDS/SWAT
CLAREMONT	S102808949	CO SANITATION DISTRICT OF LOS ANGELES	CITY OF CLAREMONT/CITY YARD	91711	HAZNET
CLAREMONT	S104572597	GMS REALTY	438 CLAREMONT CENTER DR	91711	HAZNET
CLAREMONT	S104565657	GMC REALTY LLC	424 CLAREMONT CENTER DR	91711	HAZNET
CLAREMONT	S103951327	AUTO EXPO INC	508 CLAREMONT CENTER DR	91711	HAZNET
CLAREMONT	S103659536	AMERICAN STORES PROPERTIES, INC.	436 W. CLAREMONT CTR. DR.	91711	HAZNET
CLAREMONT	1000355819	CLAREMONT ONE HR CLNR-SOUTH	424 CLAREMONT CENTER DR	91711	RCRIS-SQG, FINDS, CLEANERS
CLAREMONT	U003777283	KRCA-TV62	1 GLENDORA RIDGE RD	91711	UST
CLAREMONT	S103976519	MARTIN F MCLOUD DC	428 W HARRISON SUITE 5	91711	HAZNET
CLAREMONT	S105085411	JIM COX	633 S INDIAN HILL BLVD UNIT D	91744	HAZNET
CLAREMONT	S103981958	PILGRIM PLACE	590/592 MAYFLOWER RD.	91711	HAZNET
CLAREMONT	S103639511	A T N T CORP	2 MILES N CLARMONT	91711	HAZNET
CLAREMONT	1000351947	AMER TELE & TELE CO PADUA HILLS	3 MI N OF	91711	RCRIS-SQG, FINDS
CLAREMONT	S102360674	LIVE OAK DEBRIS DISPOSAL SITE	4405 OAK CANYON ROAD	91711	WMUDS/SWAT, SWF/LF
CLAREMONT	S103971790	JB PALLETS	PARKING LOT OF 710 S INDIAN HILL	91711	HAZNET
CLAREMONT	S100569911	1X THE CLAREMONT COLLEGES	PHYSICAL PLANT	91711	HAZNET
CLAREMONT	S103668438	PILGRAM PLACE	660 PILGRAM PALCE	91711	HAZNET
CLAREMONT	S105085861	CITY OF CLAREMONT	POMELLO ST BETWEEN PADUA / HOLLINGS	91711	HAZNET
MONTCLAIR	S103953952	CAL SELECT BUILDERS	5295 HOLF BLVD.	91763	HAZNET
MONTCLAIR	S104905593	A-S TRANSMISSION	5521 W HOLT BLVD D	91761	San Bern. Co. Permit
MONTCLAIR	1000372177	LARRY CARBURETOR SHOP	5834 HOLT BLVD #14	91763	RCRIS-SQG, FINDS, HAZNET
MONTCLAIR	S104575680	INDUSTRIAL ASPHAULT	4711 HUNINGTON DR	91763	HAZNET
MONTCLAIR	S105697713	PHILPAC	10735 KADOTA	91766	San Bern. Co. Permit
MONTCLAIR	S103625025	KENNETH WAYNE JACKSON	1193 A KADOTA AVENUE	90766	HAZNET
MONTCLAIR	S104567817	JI YOUNG LEE	10925 MILL AVE	91763	HAZNET
MONTCLAIR	S104405154	CHUNG'S MARKET	10295 MILLS AVE	91763	Cortese, LUST
MONTCLAIR	S105087942	RON FITZGERALD	4918 MISSION	91761	HAZNET
MONTCLAIR	S105091781	MACY'S WEST INC	5200 MONTCLAIR PARK LN	91763	HAZNET
MONTCLAIR	S104575047	THE PICTURE PEOPLE INC	5198 MONTCLAIR PLAZA	91763	HAZNET
MONTCLAIR	S103985122	ROBINSONS-MAY DEPT STORES	5000 MONTCLAIR PLAZA LANE	91606	HAZNET
MONTCLAIR	S103948640	ACQUIPORT 5 CORP	5031 MONTCLAIR PLAZA LANE	91763	HAZNET
MONTCLAIR	S103662923	JC PENNEY	5100 MONTCLAIR PLAZA LN	91763	HAZNET
MONTCLAIR	S103662805	SEARS ROEBUCK AND CO 1748/6828	5080 MONTCLAIR PLAZA	91763	HAZNET
MONTCLAIR	S102794464	1X MONTCLAIR PLAZA	5100 MONTCLAIR PLAZA LANE	00000	HAZNET
MONTCLAIR	S102039728	SEARS AUTO CENTER	5080 MONTCLAIR PLAZA LN	91763	San Bern. Co. Permit
MONTCLAIR	S100934937	EXPRESSLY PORTRAITS	5198 MONTCLAIR PLZ	91763	HAZNET
MONTCLAIR	S100926697	1X GOODYEAR AUTO SERVICE CTR #9362	5200 MONTCLAIR PLAZA	91763	HAZNET
MONTCLAIR	S100567614	1X ACQUIPORT FIVE	MONTCLAIR PLAZA	91763	HAZNET, CHMIRS
MONTCLAIR	S105725873	MONTCLAIR PLAZA DENTAL GROUP	5182 NMONTCLAIR PLAZA LN	91763	HAZNET
MONTCLAIR	S103663096	MONTCLAIR PLAZA CLEANERS	5144 N PLAZA LN	91763	HAZNET, CLEANERS
MONTCLAIR	1006805339	TEXACO SERVICE STATION	4910 S PLAZA LN	91763	RCRIS-SQG, FINDS
MONTCLAIR	S103963973	FAITH CENTER	SUNSIT RIDGE 5 MI N MONTCLAIR	91763	HAZNET

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MONTCLAIR	S103621306	HUD	10476 YOSIMTEE DR	91763	HAZNET
UPLAND	S104770724	STRESSCOAT INC	1334 N BENSON AVE A	91786	San Bern. Co. Permit
UPLAND	S105974497	UPLAND NISSAN SERVICE	825 N CENTRAL AVE UNIT E	91786	San Bern. Co. Permit
UPLAND	S105974496	UPLAND NISSAN SERVICE	825 N CENTRAL AVE UNIT E	91786	San Bern. Co. Permit
UPLAND	S105482105	R & R ROTARY	933 CENTRAL D	91786	San Bern. Co. Permit
UPLAND	S105298586	R & L AUTOMOTIVE REPAIR	923 N CENTRAL L	91764	San Bern. Co. Permit
UPLAND	S104905677	GERMAN AUTO WORKS	903 N CENTRAL AVE C	91786	San Bern. Co. Permit
UPLAND	S104766123	EXOTIC MOTORCARS	923 N CENTRAL D	91786	San Bern. Co. Permit
UPLAND	S104570311	HUD/ASSET MANAGEMENT SPECIALTIES INC	466 CMAPUS	91786	HAZNET
UPLAND	S105085581	KATHRYN CARNEAL	SOUTHEAST CORNER OF 11TH / CENTRAL	91786	HAZNET
UPLAND	1005415514	SHELL SERVICE STATION	2401 N EUCLID	91786	RCRIS-SQG, FINDS
UPLAND	S105126537	SHELL	1188 WEST FOOTHILL/MOUNTAIN	91786	HAZNET

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CLAREMONT UNIVERSITY CENTER 303 001ST CLAREMONT, CA 91711 SLIC Region 4: Facility Status: Closure Region: 4 SLIC 0901 Staff: NB Substance: TPH	CA SLIC	S105911519 N/A
SIXTH STREET DUMP-CLAREMONT 705 EAST 6TH STREET CLAREMONT, CA WMUDS: Region: 4 Date of Last Facility Edit: Not reported Last Facility Editors: Not reported Waste Discharge System ID: 4 190322NUR Solid Waste Information ID: Not reported Waste Discharge System: False Solid Waste Assessment Test Program: True Facility Name: Not reported Toxic Pits Cleanup Act Program: False Resource Conservation Recovery Act Program: False Department of Defense: False Open to Public: False Number of WMUDS at Facility: 1 Facility Telephone: Not reported Primary Standard Industrial Classification: Not reported Secondary Standard Industrial Classification: Not reported Solid Waste Assessment Test Program Name: Not reported NPID: Not reported Tonnage: 0 Regional Board ID: Not reported Municipal Solid Waste: False Superorder: False Sub Chapter 15: False Reg. Board Project Officer: LT Section Range: Not reported RCRA Facility: Not reported Waste Discharge Requirements: Not reported Base Meridian: Not reported Waste List: False Facility Description: Not reported Self-Monitoring Rept. Frequency: Not reported Threat to Water Quality: Not reported Agency: Not reported Address: Not reported Department: Not reported Contact: Not reported Telephone: Not reported Landowner: Not reported Address: CA Telephone: Not reported Contact: Not reported	WMUDS/SWAT	S103702267 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CO SANITATION DISTRICT OF LOS ANGELES CITY OF CLAREMONT/CITY YARD CLAREMONT, CA 91711	HAZNET	S102808949 N/A
HAZNET:		
Gepaid:	CAH777000551	
TSD EPA ID:	CAT080010101	
Gen County:	Los Angeles	
Tsd County:	San Diego	
Tons:	6.1163	
Waste Category:		
Disposal Method:	Transfer Station	
Contact:	JOE REILLY/CONTACT	
Telephone:	\(000\) 000-0000	
Mailing Address:	1955 WORKMAN MILL ROAD WHITTIER, CA 90607 - 4998	
County	Los Angeles	
Gepaid:	CAH777000551	
TSD EPA ID:	CAT080010101	
Gen County:	Los Angeles	
Tsd County:	San Diego	
Tons:	.0375	
Waste Category:		
Disposal Method:	Treatment, Tank	
Contact:	JOE REILLY/CONTACT	
Telephone:	\(000\) 000-0000	
Mailing Address:	1955 WORKMAN MILL ROAD WHITTIER, CA 90607 - 4998	
County	Los Angeles	
Gepaid:	CAH777000551	
TSD EPA ID:	CAT080010101	
Gen County:	Los Angeles	
Tsd County:	San Diego	
Tons:	.3492	
Waste Category:	Household waste	
Disposal Method:	Treatment, Tank	
Contact:	JOE REILLY/CONTACT	
Telephone:	\(000\) 000-0000	
Mailing Address:	1955 WORKMAN MILL ROAD WHITTIER, CA 90607 - 4998	
County	Los Angeles	
Gepaid:	CAH777000551	
TSD EPA ID:	CAT080010101	
Gen County:	Los Angeles	
Tsd County:	San Diego	
Tons:	20.4507	
Waste Category:	Household waste	
Disposal Method:	Transfer Station	
Contact:	JOE REILLY/CONTACT	
Telephone:	\(000\) 000-0000	
Mailing Address:	1955 WORKMAN MILL ROAD WHITTIER, CA 90607 - 4998	
County	Los Angeles	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CO SANITATION DISTRICT OF LOS ANGELES \Continued\		S102808949
Gepaid: CAH777000551 TSD EPA ID: CAD981696420 Gen County: Los Angeles Tsd County: Los Angeles Tons: 10.0080 Waste Category: Household waste Disposal Method: Transfer Station Contact: JOE REILLY/CONTACT Telephone: \000\ 000-0000 Mailing Address: 1955 WORKMAN MILL ROAD WHITTIER, CA 90607 - 4998 County: Los Angeles		

GMS REALTY
438 CLAREMONT CENTER DR
CLAREMONT, CA 91711

HAZNET S104572597
N/A

HAZNET:

Gepaid: CAC002221281
TSD EPA ID: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.1042
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: GMS REALTY
Telephone: \562\ 693-5543
Mailing Address: 13502 WHITTIER BLVD STE Q
WHITTIER, CA 90605
County: Los Angeles

Gepaid: CAC002221281
TSD EPA ID: CAT080033681
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.05
Waste Category: Unspecified oil-containing waste
Disposal Method: Disposal, Land Fill
Contact: GMS REALTY
Telephone: \562\ 693-5543
Mailing Address: 13502 WHITTIER BLVD STE Q
WHITTIER, CA 90605
County: Los Angeles

GMC REALTY LLC
424 CLAREMONT CENTER DR
CLAREMONT, CA 91711

HAZNET S104565657
N/A

HAZNET:

Gepaid: CAC001176264
TSD EPA ID: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.0333
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: GMC REALTY LLC
Telephone: \562\ 693-5543

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
GMC REALTY LLC \Continued\ Mailing Address: 13502 WHITTIER BLVD WHITTIER, CA 90605 County Los Angeles		S104565657
AUTO EXPO INC 508 CLAREMONT CENTER DR CLAREMONT, CA 91711 HAZNET: Gepaid: CAL000121063 TSD EPA ID: CAT080013352 Gen County: Los Angeles Tsd County: Los Angeles Tons: .2293 Waste Category: Aqueous solution with 10% or more total organic residues Disposal Method: Recycler Contact: AUTO EXPO INC Telephone: \000\ 000-0000 Mailing Address: 15222 DEL AMO AVE STE 200 TUSTIN, CA 92780 - 6414 County Los Angeles	HAZNET	S103951327 N/A
AMERICAN STORES PROPERTIES, INC. 436 W. CLAREMONT CTR. DR. CLAREMONT, CA 91711 HAZNET: Gepaid: CAC000925232 TSD EPA ID: AZD983481813 Gen County: Los Angeles Tsd County: 99 Tons: .8428 Waste Category: Asbestos-containing waste Disposal Method: Not reported Contact: Not reported Telephone: \000\ 000-0000 Mailing Address: 6565 KNOTT AVENUE BUENA PARK, CA 90620 County Los Angeles	HAZNET	S103659536 N/A
CLAREMONT ONE HR CLNR-SOUTH 424 CLAREMONT CENTER DR CLAREMONT, CA 91711 RCRIS: Owner: SEUNG H CHO \714\ 621-7202 EPA ID: CAD981582125 Contact: SEUNG CHO \714\ 621-7202 Classification: Small Quantity Generator TSDF Activities: Not reported	RCRIS-SQG FINDS CLEANERS	1000355819 CAD981582125

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CLAREMONT ONE HR CLNR-SOUTH \((Continued)\)		1000355819
Violation Status: No violations found		
FINDS:		
Other Pertinent Environmental Activity Identified at Site:		
Facility Registry System \((FRS)\)		
Resource Conservation and Recovery Act Information system \((RCRAINFO)\)		
CA Cleaners:		
Create Date: 04/10/87		
Inactive Date: / /		
EPA Id: CAD981582125		
County : Los Angeles		
KRCA-TV62	UST	U003777283
1 GLENDORA RIDGE RD		N/A
CLAREMONT, CA 91711		
State UST:		
Facility ID: 15977		
Region: STATE		
Local Agency: 19000		
MARTIN F MCLOUD DC	HAZNET	S103976519
428 W HARRISON SUITE 5		N/A
CLAREMONT, CA 91711		
HAZNET:		
Gepaid: CAL000126537		
TSD EPA ID: CAL000121946		
Gen County: Los Angeles		
Tsd County: Marin		
Tons: .0250		
Waste Category: Photochemicals/photoprocessing waste		
Disposal Method: Recycler		
Contact: MARTIN F MCLOUD DC		
Telephone: \((909)\) 921-1208		
Mailing Address: 428 HARRISON AVE STE 5		
CLAREMONT, CA 91711 - 4605		
County Los Angeles		
Gepaid: CAL000126537		
TSD EPA ID: CAL000121946		
Gen County: Los Angeles		
Tsd County: Marin		
Tons: .0300		
Waste Category: Photochemicals/photoprocessing waste		
Disposal Method: Recycler		
Contact: MARTIN F MCLOUD DC		
Telephone: \((909)\) 921-1208		
Mailing Address: 428 HARRISON AVE STE 5		
CLAREMONT, CA 91711 - 4605		
County Los Angeles		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
JIM COX 633 S INDIAN HILL BLVD UNIT D CLAREMONT, CA 91744 HAZNET: Gepaid: CAC002246849 TSD EPA ID: CAD009007626 Gen County: Los Angeles Tsd County: Los Angeles Tons: 3.2869 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Contact: JIM COX Telephone: \ (909) 399-3103 Mailing Address: PO BOX 5022 UPLAND, CA 91785 County: Los Angeles	HAZNET	S105085411 N/A
PILGRIM PLACE 590/592 MAYFLOWER RD. CLAREMONT, CA 91711 HAZNET: Gepaid: CAC001482816 TSD EPA ID: CAD009007626 Gen County: Los Angeles Tsd County: Los Angeles Tons: 5.8996 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Contact: PILGRIM PLACE Telephone: \ (909) 399-5527 Mailing Address: 698 AVERY ROAD CLAREMONT, CA 91711 County: Los Angeles	HAZNET	S103981958 N/A
A T N T CORP 2 MILES N CLARMONT CLAREMONT, CA 91711 HAZNET: Gepaid: CAC001338400 TSD EPA ID: CAD009007626 Gen County: Los Angeles Tsd County: Los Angeles Tons: .0825 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Contact: A T AND T Telephone: \ (000) 000-0000 Mailing Address: 227 WEST MONROE STE 2240 CHICAGO ILLINOIS, IL 60606 County: Los Angeles	HAZNET	S103639511 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
AMER TELE & TELE CO PADUA HILLS 3 MI N OF CLAREMONT, CA 91711 RCRIS: Owner: NOT REQUIRED \ (415) 555-1212 EPA ID: CAT080012222 Contact: Not reported Classification: Small Quantity Generator TSDF Activities: Not reported Violation Status: No violations found FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System \ (FRS) \ Resource Conservation and Recovery Act Information system \ (RCRAINFO) \	RCRIS-SQG FINDS	1000351947 CAT080012222
LIVE OAK DEBRIS DISPOSAL SITE 4405 OAK CANYON ROAD CLAREMONT, CA 91711 WMUDS: Region: 4 Date of Last Facility Edit: Not reported Last Facility Editors: Not reported Waste Discharge System ID: 4 190368NUR Solid Waste Information ID: 19-AA-0492 Waste Discharge System: False Solid Waste Assessment Test Program: True Facility Name: LIVE OAK DEBRIS DISPOSAL SITE Toxic Pits Cleanup Act Program: False Resource Conservation Recovery Act Program: False Department of Defense: False Open to Public: False Number of WMUDS at Facility: 1 Facility Telephone: Not reported Primary Standard Industrial Classification: Not reported Secondary Standard Industrial Classification: Not reported Solid Waste Assessment Test Program Name: LOS ANGELES CO FLOOD CONTROL NPID: Not reported Tonnage: 0 Regional Board ID: Not reported Municipal Solid Waste: False Superorder: False Sub Chapter 15: False Reg. Board Project Officer: LT Section Range: 01N08W32 RCRA Facility: Not reported Waste Discharge Requirements: Not reported Base Meridian: SB Waste List: False Facility Description: Not reported Self-Monitoring Rept. Frequency: Not reported Threat to Water Quality: Not reported Agency: LOS ANGELES CO FLOOD CONTROL Address: P.O. BOX 2418 TERMINAL ANNEX LOS ANGELES 90051	WMUDS/SWAT SWF/LF	S102360674 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
LIVE OAK DEBRIS DISPOSAL SITE \Continued\		S102360674
Department: Not reported Contact: Not reported Telephone: \213\ 226-4111 Landowner: LOS ANGELES CO FLOOD CONTROL Address: P.O. BOX 2418 TERMINAL ANNEX LOS ANGELES, CA 90051 Telephone: \213\ 226-4111 Contact: Not reported		
LF:		
Facility ID: 19-AA-0492		
Operator: Los Angeles Co. Flood Control District		
Operator Phone: \626\ 445-4145		
Operator Addr: 900 S. Freemont Ave. Alhambra, CA 91803		
Owner: Not reported		
Owner Address: Not reported		
Owner Telephone: Not reported		
Activity: Solid Waste Disposal Site		
Operator's Status: Closed		
Regulation Status: Unpermitted		
Region: STATE		
Lat/Long: 34 / -118		
Permit Date: Not reported		
Accepted Waste:		
Restrictions:		
Status : Not reported		
Swisnumber : Not reported		
Site Type : Not reported		
Aka : Not reported		
Type Of Waste : Not reported		
Disposal Area : Not reported		
SWFP Date : Not reported		
WDR Number : Not reported		
Dates Of Operation : Not reported		
Closure Approved : Not reported		
Date Of Field Units : Not reported		
Surface Condition : Not reported		
Landfill Gas : Not reported		
Leachate : Not reported		
Emergency Response : Not reported		
Other Recommendation : Not reported		
Reassess Site : Not reported		
Priority For Site Assessment : Not reported		
Lea Date : Not reported		
Explanation: Not Reported		
No Further Action: Not Reported		
Permitted Throughput with Units: Not reported		
Permitted Throughput with Units: Not reported		
Permitted Throughput with Units: Not reported		
Actual Throughput with Units: Not reported		
Actual Capacity with Units: Not reported		
Permitted Capacity with Units: Not reported		
Remaining Capacity with Units: Not reported		
Permitted Total Acreage: 0		
Inspection Frequency: Quarterly		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
LIVE OAK DEBRIS DISPOSAL SITE \Continued\		S102360674
Landuse Name:	Not reported	
GIS Source:	Place	
Permit Status:	Not reported	
Category:	Disposal	
Unit Number:	01	
Last Waste Tire Inspection Count :	Not reported	
Last Waste Tire Inspection Date:	Not reported	
Original Waste Tire Count:	Not reported	
Original Waste Tire Count Date:	Not reported	
Closure Date:	/ /	
Closure Type:	Not reported	
Disposal Acreage:	0	
Remaining Capacity:	Not reported	

JB PALLETS PARKING LOT OF 710 S INDIAN HILL CLAREMONT, CA 91711

**HAZNET S103971790
N/A**

HAZNET:

Gepaid: CAC001423240
TSD EPA ID: CAD099452708
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.4595
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: JOHN WINSTON BOYCE
Telephone: \909\ 945-5559
Mailing Address: 8787 ONYX STE 1
RANCHO CUCAMONGA, CA 91730
County Los Angeles

Gepaid: CAC001423240
TSD EPA ID: CAD000088252
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 1.0000
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: JOHN WINSTON BOYCE
Telephone: \909\ 945-5559
Mailing Address: 8787 ONYX STE 1
RANCHO CUCAMONGA, CA 91730
County Los Angeles

1X THE CLAREMONT COLLEGES PHYSICAL PLANT CLAREMONT, CA 91711

**HAZNET S100569911
N/A**

HAZNET:

Gepaid: CAD981421621
TSD EPA ID: CAD981402522
Gen County: Los Angeles
Tsd County: Kern
Tons: .0500
Waste Category: Metal sludge - Alkaline solution \pH <UN-> 12.5\ with metals \antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
1X THE CLAREMONT COLLEGES \Continued\		S100569911
<p>zinc\)</p> <p>Disposal Method: Recycler</p> <p>Contact: CLAREMONT UNIVERSITY CENTER</p> <p>Telephone: \909\ 621-8043</p> <p>Mailing Address: 303 E 1ST ST CLAREMONT, CA 91711 - 4439</p> <p>County: Los Angeles</p> <p>Gepaid: CAD981421621</p> <p>TSD EPA ID: CAD009007629</p> <p>Gen County: Los Angeles</p> <p>Tsd County: 0</p> <p>Tons: 9.6079</p> <p>Waste Category: Asbestos-containing waste</p> <p>Disposal Method: Disposal, Land Fill</p> <p>Contact: CLAREMONT UNIVERSITY CENTER</p> <p>Telephone: \909\ 621-8043</p> <p>Mailing Address: 303 E 1ST ST CLAREMONT, CA 91711 - 4439</p> <p>County: Los Angeles</p> <p>Gepaid: CAD981421621</p> <p>TSD EPA ID: AZD049318009</p> <p>Gen County: Los Angeles</p> <p>Tsd County: 99</p> <p>Tons: .0050</p> <p>Waste Category: Liquids with pH <UN-> 2 with metals</p> <p>Disposal Method: Transfer Station</p> <p>Contact: CLAREMONT UNIVERSITY CENTER</p> <p>Telephone: \909\ 621-8043</p> <p>Mailing Address: 303 E 1ST ST CLAREMONT, CA 91711 - 4439</p> <p>County: Los Angeles</p> <p>Gepaid: CAD981421621</p> <p>TSD EPA ID: AZD049318009</p> <p>Gen County: Los Angeles</p> <p>Tsd County: 99</p> <p>Tons: .0250</p> <p>Waste Category: Oxygenated solvents \acetone, butanol, ethyl acetate, etc.\)</p> <p>Disposal Method: Transfer Station</p> <p>Contact: CLAREMONT UNIVERSITY CENTER</p> <p>Telephone: \909\ 621-8043</p> <p>Mailing Address: 303 E 1ST ST CLAREMONT, CA 91711 - 4439</p> <p>County: Los Angeles</p> <p>Gepaid: CAD981421621</p> <p>TSD EPA ID: AZD049318009</p> <p>Gen County: Los Angeles</p> <p>Tsd County: 99</p> <p>Tons: .0005</p> <p>Waste Category: Laboratory waste chemicals</p> <p>Disposal Method: Transfer Station</p> <p>Contact: CLAREMONT UNIVERSITY CENTER</p> <p>Telephone: \909\ 621-8043</p> <p>Mailing Address: 303 E 1ST ST CLAREMONT, CA 91711 - 4439</p> <p>County: Los Angeles</p>		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
1X THE CLAREMONT COLLEGES \Continued\		S100569911
The CA HAZNET database contains 176 additional records for this site. Please contact your EDR Account Executive for more information.		
PILGRAM PLACE 660 PILGRAM PALCE CLAREMONT, CA 91711	HAZNET	S103668438 N/A
HAZNET:		
Gepaid: CAC001369352		
TSD EPA ID: CAD000088252		
Gen County: Los Angeles		
Tsd County: Los Angeles		
Tons: .1000		
Waste Category: Other organic solids		
Disposal Method: Transfer Station		
Contact: PILGRAM PLACE		
Telephone: \909\ 399-5531		
Mailing Address: 660 PILGRAM PALCE		
CLAREMONT, CA 91711		
County Los Angeles		
Gepaid: CAC001369352		
TSD EPA ID: CAD000088252		
Gen County: Los Angeles		
Tsd County: Los Angeles		
Tons: .5000		
Waste Category: Unspecified oil-containing waste		
Disposal Method: Transfer Station		
Contact: PILGRAM PLACE		
Telephone: \909\ 399-5531		
Mailing Address: 660 PILGRAM PALCE		
CLAREMONT, CA 91711		
County Los Angeles		
CITY OF CLAREMONT POMELLO ST BETWEEN PADUA / HOLLINGS CLAREMONT, CA 91711	HAZNET	S105085861 N/A
HAZNET:		
Gepaid: CAC002254088		
TSD EPA ID: CAT080033681		
Gen County: Los Angeles		
Tsd County: Los Angeles		
Tons: 5.4000		
Waste Category: Unspecified oil-containing waste		
Disposal Method: Disposal, Land Fill		
Contact: CITY OF CLAREMONT		
Telephone: \909\ 399-5431		
Mailing Address: 215 CORNELL AVE		
CLAREMONT, CA 91711		
County Los Angeles		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CAL SELECT BUILDERS 5295 HOLP BLVD. MONTCLAIR, CA 91763 HAZNET: Gepaid: CAC001481208 TSD EPA ID: CAT080013352 Gen County: San Bernardino Tsd County: Los Angeles Tons: .1251 Waste Category: Waste oil and mixed oil Disposal Method: Recycler Contact: ELDON JOHNSON/OWNER Telephone: \ (714) 996-3470 Mailing Address: 716 RICHFIELD RD. PLACENTIA, CA 92670 County: San Bernardino	HAZNET	S103953952 N/A
A-S TRANSMISSION 5521 W HOLT BLVD D MONTCLAIR, CA 91761 DEHS Permit: Facility ID: PT0007134 Facility Status: ACTIVE Permit Category: Special Generator\ (B) Expiration Date: 11/30/2001 Facility ID: PT0007135 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 11/30/2001	San Bern. Co. Permit	S104905593 N/A
LARRY CARBURETOR SHOP 5834 HOLT BLVD #14 MONTCLAIR, CA 91763 RCRIS: Owner: LARRY YEPES \ (415) 555-1212 EPA ID: CAD982369225 Contact: ENVIRONMENTAL MANAGER \ (714) 624-8497 Classification: Small Quantity Generator TSDF Activities: Not reported Violation Status: No violations found FINDS: Other Pertinent Environmental Activity Identified at Site: Facility Registry System \ (FRS) Resource Conservation and Recovery Act Information system \ (RCRAINFO)	RCRIS-SQG FINDS HAZNET	1000372177 CAD982369225

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
LARRY CARBURETOR SHOP \ (Continued\)		1000372177

HAZNET:

Gepaid: CAD982369225
 TSD EPA ID: CAT000613927
 Gen County: San Bernardino
 Tsd County: San Bernardino
 Tons: .8713
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: Not reported
 Telephone: \ (000) 000-0000
 Mailing Address: 5834 HOLT BLVD STE 14
 MONTCLAIR, CA 91763
 County San Bernardino
 Gepaid: CAD982369225
 TSD EPA ID: CAT000613927
 Gen County: San Bernardino
 Tsd County: San Bernardino
 Tons: 0.89
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: LAWRENCE YEPES
 Telephone: \ (909) 624-8497
 Mailing Address: 5438 HOLT BLVD #14
 MONTCLAIR, CA 91763
 County San Bernardino
 Gepaid: CAD982369225
 TSD EPA ID: CAT000613927
 Gen County: San Bernardino
 Tsd County: San Bernardino
 Tons: 0.2752
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: Not reported
 Telephone: \ (000) 000-0000
 Mailing Address: 5834 HOLT BLVD STE 14
 MONTCLAIR, CA 91763
 County San Bernardino

INDUSTRIAL ASPHALT
4711 HUNINGTON DR
MONTCLAIR, CA 91763

HAZNET S104575680
N/A

HAZNET:

Gepaid: CAL000021640
 TSD EPA ID: CAT080033681
 Gen County: San Bernardino
 Tsd County: Los Angeles
 Tons: .4625
 Waste Category: Other organic solids
 Disposal Method: Disposal, Land Fill
 Contact: CAL MAT
 Telephone: \ (000) 000-0000
 Mailing Address: 4711 HUNINGTON DR
 MONTCLAIR, CA 91763
 County San Bernardino

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
INDUSTRIAL ASPHALT \\\(Continued\\)		S104575680
<p>Gepaid: CAL000021640</p> <p>TSD EPA ID: CAT000613927</p> <p>Gen County: San Bernardino</p> <p>Tsd County: San Bernardino</p> <p>Tons: 0.2085</p> <p>Waste Category: Aqueous solution with less than 10% total organic residues</p> <p>Disposal Method: Transfer Station</p> <p>Contact: CAL MAT</p> <p>Telephone: \\\(000\\) 000-0000</p> <p>Mailing Address: 4711 HUNINGTON DR</p> <p>MONTCLAIR, CA 91763</p> <p>County San Bernardino</p>		
<p>PHILPAC</p> <p>10735 KADOTA</p> <p>MONTCLAIR, CA 91766</p> <p>DEHS Permit:</p> <p>Facility ID: PT0009286</p> <p>Facility Status: INACTIVE</p> <p>Permit Category: Special Handler</p> <p>Expiration Date: 08/31/2001</p>	San Bern. Co. Permit	S105697713 N/A
<p>KENNETH WAYNE JACKSON</p> <p>1193 A KADOTA AVENUE</p> <p>MONTCLAIR, CA 90766</p> <p>HAZNET:</p> <p>Gepaid: CLU970014351</p> <p>TSD EPA ID: CAD008302903</p> <p>Gen County: San Bernardino</p> <p>Tsd County: Los Angeles</p> <p>Tons: .0100</p> <p>Waste Category: Other inorganic solid waste</p> <p>Disposal Method: Transfer Station</p> <p>Contact: Not reported</p> <p>Telephone: \\\(000\\) 000-0000</p> <p>Mailing Address: PO BOX 806</p> <p>SACRAMENTO, CA 95812 - 0806</p> <p>County San Bernardino</p> <p>Gepaid: CLU970014351</p> <p>TSD EPA ID: CAD008302903</p> <p>Gen County: San Bernardino</p> <p>Tsd County: Los Angeles</p> <p>Tons: .0225</p> <p>Waste Category: Off-specification, aged, or surplus organics</p> <p>Disposal Method: Recycler</p> <p>Contact: Not reported</p> <p>Telephone: \\\(000\\) 000-0000</p> <p>Mailing Address: PO BOX 806</p> <p>SACRAMENTO, CA 95812 - 0806</p> <p>County San Bernardino</p>	HAZNET	S103625025 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
<hr/>		
KENNETH WAYNE JACKSON \ (Continued\)		S103625025
<hr/>		
Gepaid:	CLU970014351	
TSD EPA ID:	CAD008302903	
Gen County:	San Bernardino	
Tsd County:	Los Angeles	
Tons:	.0250	
Waste Category:	Liquids with pH <UN-> 2	
Disposal Method:	Transfer Station	
Contact:	Not reported	
Telephone:	\(000\) 000-0000	
Mailing Address:	PO BOX 806	
	SACRAMENTO, CA 95812 - 0806	
County	San Bernardino	
<hr/>		
JI YOUNG LEE 10925 MILL AVE MONTCLAIR, CA 91763	HAZNET	S104567817 N/A
<hr/>		
HAZNET:		
Gepaid:	CAC001432956	
TSD EPA ID:	CAD028409019	
Gen County:	San Bernardino	
Tsd County:	Los Angeles	
Tons:	0.2085	
Waste Category:	Tank bottom waste	
Disposal Method:	Treatment, Tank	
Contact:	JI YOUNG LEE	
Telephone:	\(323\) 721-0046	
Mailing Address:	1515 ALDEA DR	
	MONTEBELLO, CA 90640	
County	San Bernardino	
<hr/>		
CHUNG'S MARKET 10295 MILLS AVE MONTCLAIR, CA 91763	Cortese LUST	S104405154 N/A
<hr/>		
CORTESE:		
Reg Id:	083603590T	
Region:	CORTESE	
Reg By:	Leaking Underground Storage Tanks	
<hr/>		
State LUST:		
Cross Street:	KINGSLEY AVENUE	
Qty Leaked:	Not reported	
Case Number	083603590T	
Reg Board:	8	
Chemical:	Waste Oil	
Lead Agency:	Local Agency	
Local Agency :	0	
Case Type:	Soil only	
Status:	Case Closed	
Review Date:	11/10/1999	Confirm Leak: 11/10/1999
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	
Monitoring:	Not reported	
Close Date:	09/27/2000	
Release Date:	12/09/1999	
Cleanup Fund Id :	Not reported	

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CHUNG'S MARKET \Continued\		S104405154
Discover Date : 11/10/1999		
Enforcement Dt : Not reported		
Enf Type: Not reported		
Enter Date : 01/24/2000		
Funding: Not reported		
Staff Initials: JC3		
How Discovered: Tank Closure		
How Stopped: Not reported		
Interim : Not reported		
Leak Cause: UNK		
Leak Source: UNK		
MTBE Date : / /		
Max MTBE GW : 0 Parts per Billion		
MTBE Tested: Not Required to be Tested.		
Priority: Not reported		
Local Case # : 99147		
Beneficial: Not reported		
Staff : RS		
GW Qualifier : Not reported		
Max MTBE Soil : Not reported		
Soil Qualifier : Not reported		
Hydr Basin #: Not reported		
Operator : JOHN WON		
Oversight Prgm: Local Oversight Program UST		
Oversight Prgm : LOP		
Review Date : 01/24/2000		
Stop Date : 11/10/1999		
Work Suspended :No		
Responsible PartyCHUNG'S MARKET		
RP Address: Not reported		
Global Id: T0607100615		
Org Name: Not reported		
Contact Person: Not reported		
MTBE Conc: 0		
Mtbe Fuel: 0		
Water System Name: Not reported		
Well Name: Not reported		
Distance To Lust: 0		
Waste Discharge Global ID: Not reported		
Waste Disch Assigned Name: Not reported		
LUST Region 8:		
Region: 8		
Substance: 12035	Cross Street:	KINGSLEY AVENUE
Regional Board: 08		
Local Case Num: 99147		
Facility Status: Case Closed		
Staff: ROSE SCOTT		
Lead Agency: Local Agency		
Local Agency: 36000L		
Qty Leaked: Not reported		
County: San Bernardino		
Review Date: 11/10/99	Confirm Leak:	11/10/99
Workplan: Not reported	Prelim Assess:	Not reported
Pollution Char: Not reported	Remed Plan:	Not reported
Remed Action: Not reported	Monitoring:	Not reported
Close Date: 09/27/2000		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
CHUNG'S MARKET \Continued\		S104405154
Cleanup Fund Id : Not reported Discover Date : 11/10/1999 Enforcement Dt : Not reported Enf Type: Not reported Enter Date : 01/24/2000 Funding: Not reported Staff Initials: JC3 How Discovered: Tank Closure How Stopped: Not reported Interim : Not reported Lat/Lon : 34.067951 / -117.715754 Leak Cause: UNK Leak Source: UNK Beneficial: Not reported MTBE Date : Not reported MTBE Tested : NRQ Max MTBE GW : Not reported GW Qualifies : Not reported Max MTBE Soil : Not reported Soil Qualifies : Not reported Hydr Basin #: SAN FERNANDO VALLEY Operator : JOHN WON Oversight Prgm : LOP Priority : Not reported Work Suspended :No Responsible PartyCHUNG'S MARKET Well name: Not reported Distance From Lust: 542.52831810199455444475435224 Waste Disch Global Id: Not reported MTBE Class: * Waste Disch Assigned Name: Not reported Case Type: Soil only Global ID: T0607100615 How Stopped Date: 11/10/1999 Organization Name: Not reported Contact Person: Not reported RP Address: Not reported MTBE Concentration: 0 MTBE Fuel: 0 Case Number: 083603590T Water System Name: Not reported Code Name: SAN BERNARDINO Agency Name: Not reported Priority: Not reported State Expalnation: CASE CLOSED Substance: WASTE OIL Staff: ROSE SCOTT Case Type: S Summary: Not reported		
RON FITZGERALD 4918 MISSION MONTCLAIR, CA 91761	HAZNET	S105087942 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
RON FITZGERALD \ (Continued)		S105087942
HAZNET: Gepaid: CAC002319385 TSD EPA ID: CAD982444481 Gen County: San Bernardino Tsd County: San Bernardino Tons: .5000 Waste Category: Other organic solids Disposal Method: Transfer Station Contact: RON FITZGERALD Telephone: \ (000) 000-0000 Mailing Address: 4918 MISSION MONTCLAIR, CA 91761 County: San Bernardino		
MACY'S WEST INC 5200 MONTCLAIR PARK LN MONTCLAIR, CA 91763	HAZNET	S105091781 N/A
HAZNET: Gepaid: CAL000195582 TSD EPA ID: CAD008252405 Gen County: San Bernardino Tsd County: Los Angeles Tons: .2085 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l Disposal Method: Recycler Contact: FEDERATED DEPT STORES Telephone: \ (523) 579-7078 Mailing Address: PO BOX 7888 SAN FRANCISCO, CA 94120 County: San Bernardino Gepaid: CAL000195582 TSD EPA ID: CAD008252405 Gen County: San Bernardino Tsd County: Los Angeles Tons: .2293 Waste Category: Unspecified solvent mixture Waste Disposal Method: Recycler Contact: FEDERATED DEPT STORES Telephone: \ (523) 579-7078 Mailing Address: PO BOX 7888 SAN FRANCISCO, CA 94120 County: San Bernardino Gepaid: CAL000195582 TSD EPA ID: CAD008252405 Gen County: San Bernardino Tsd County: Los Angeles Tons: 0.22 Waste Category: Unspecified solvent mixture Waste Disposal Method: Recycler Contact: TOM MALSBARY\ PROJ MGR Telephone: \ (415) 954-6940 Mailing Address: PO BOX 7888 INTERNAL BOX 54 SAN FRANCISCO, CA 94120 County: San Bernardino		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
THE PICTURE PEOPLE INC 5198 MONTCLAIR PLAZA MONTCLAIR, CA 91763 HAZNET: Gepaid: CAD983667189 TSD EPA ID: CAD003963592 Gen County: Los Angeles Tsd County: Santa Clara Tons: .0700 Waste Category: Metal sludge - Alkaline solution \(\text{pH} < \text{UN} > 12.5\)) with metals \(\text{antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc}\) Disposal Method: Recycler Contact: THE PICTURE PEOPLE INC Telephone: \(\text{650}\) 578-9291 Mailing Address: 1157 TRITON DRIVE SUITE B FOSTER CITY, CA 94404 - 1213 County Los Angeles	HAZNET	S104575047 N/A
ROBINSONS-MAY DEPT STORES 5000 MONTCLAIR PLAZA LANE MONTCLAIR, CA 91606 HAZNET: Gepaid: CAC001166104 TSD EPA ID: CAD009007626 Gen County: San Bernardino Tsd County: Los Angeles Tons: .1685 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Contact: MAY DEPT STORES COMPANY Telephone: \(\text{818}\) 509-4777 Mailing Address: 6160 LAUREL CANYON BLVD NORTH HOLLYWOOD, CA 91606 County San Bernardino	HAZNET	S103985122 N/A
ACQUIPORT 5 CORP 5031 MONTCLAIR PLAZA LANE MONTCLAIR, CA 91763 HAZNET: Gepaid: CAC001460376 TSD EPA ID: AZC950823111 Gen County: San Bernardino Tsd County: 99 Tons: 12.6420 Waste Category: Asbestos-containing waste Disposal Method: Not reported Contact: ACQUIPORT 5 CORP Telephone: \(\text{000}\) 000-0000 Mailing Address: 5060 MONTCLAIR PLAZA LANE MONTCLAIR, CA 91763 County San Bernardino	HAZNET	S103948640 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
JC PENNEY 5100 MONTCLAIR PLAZA LN MONTCLAIR, CA 91763 HAZNET: Gepaid: CAC001305432 TSD EPA ID: CAD009007626 Gen County: San Bernardino Tsd County: Los Angeles Tons: .8428 Waste Category: Asbestos-containing waste Disposal Method: Disposal, Land Fill Contact: JC PENNEY Telephone: \ (000) 000-0000 Mailing Address: 5100 MONTCLAIR PLAZA LN MONTCLAIR, CA 91763 County: San Bernardino	HAZNET	S103662923 N/A
SEARS ROEBUCK AND CO 1748/6828 5080 MONTCLAIR PLAZA MONTCLAIR, CA 91763 HAZNET: Gepaid: CAD981442239 TSD EPA ID: CAD093459485 Gen County: San Bernardino Tsd County: Fresno Tons: .1500 Waste Category: Unspecified solvent mixture Waste Disposal Method: Transfer Station Contact: SEARS, ROEBUCK AND COMPANY Telephone: \ (847) 286-8616 Mailing Address: 3333 BEVERLY RD A2-242A HOFFMAN ESTATES, IL 60179 - 3322 County: San Bernardino Gepaid: CAD981442239 TSD EPA ID: CAT000613893 Gen County: San Bernardino Tsd County: Los Angeles Tons: .1376 Waste Category: Aqueous solution with less than 10% total organic residues Disposal Method: Transfer Station Contact: SEARS, ROEBUCK AND COMPANY Telephone: \ (847) 286-8616 Mailing Address: 3333 BEVERLY RD A2-242A HOFFMAN ESTATES, IL 60179 - 3322 County: San Bernardino Gepaid: CAD981442239 TSD EPA ID: CAT000613927 Gen County: San Bernardino Tsd County: San Bernardino Tons: .3166 Waste Category: Aqueous solution with less than 10% total organic residues Disposal Method: Transfer Station Contact: SEARS, ROEBUCK AND COMPANY Telephone: \ (847) 286-8616 Mailing Address: 3333 BEVERLY RD A2-242A HOFFMAN ESTATES, IL 60179 - 3322 County: San Bernardino	HAZNET	S103662805 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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SEARS ROEBUCK AND CO 1748/6828 \Continued\

S103662805

Gepaid: CAD981442239
TSD EPA ID: CAD093459485
Gen County: San Bernardino
Tsd County: Fresno
Tons: .3334
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Transfer Station
Contact: SEARS, ROEBUCK AND COMPANY
Telephone: \847\ 286-8616
Mailing Address: 3333 BEVERLY RD A2-242A
HOFFMAN ESTATES, IL 60179 - 3322
County San Bernardino

Gepaid: CAD981442239
TSD EPA ID: CAT000613927
Gen County: San Bernardino
Tsd County: San Bernardino
Tons: 0.38
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: KATHLEEN FLAHERTY/ENV SPECIAL
Telephone: \847\ 286-7199
Mailing Address: 3333 BEVERLY RD A2-238A
HOFFMAN ESTATES, IL 60179 - 3322
County San Bernardino

The CA HAZNET database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

**1X MONTCLAIR PLAZA
5100 MONTCLAIR PLAZA LANE
MONTCLAIR, CA 00000**

**HAZNET S102794464
N/A**

HAZNET:
Gepaid: CAC000802048
TSD EPA ID: CAD009007626
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 3.3712
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: LARRY PAYNE/PROPERTY OWNER
Telephone: \000\ 000-0000
Mailing Address: THREE GATEWAY
PHOENIX, AZ 85008
County San Bernardino

**SEARS AUTO CENTER
5080 MONTCLAIR PLAZA LN
MONTCLAIR, CA 91763**

**San Bern. Co. Permit S102039728
N/A**

DEHS Permit:
Facility ID: PT0003227
Facility Status: ACTIVE
Permit Category: Special Handler
Expiration Date: 11/30/2003

Facility ID: PT0003228

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
SEARS AUTO CENTER \\\(Continued\\)		S102039728
Facility Status: ACTIVE Permit Category: Special Generator\\(B\\) Expiration Date: 11/30/2003		
EXPRESSLY PORTRAITS 5198 MONTCLAIR PLZ MONTCLAIR, CA 91763	HAZNET	S100934937 N/A
HAZNET: Gepaid: CAL000063442 TSD EPA ID: NMD097970065 Gen County: San Bernardino Tsd County: 0 Tons: .1042 Waste Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Contact: EXPRESSLY PORTRAITS INC Telephone: \\(650\\) 578-9291 Mailing Address: 1157 TRITON DR STE B FOSTER CITY, CA 94404 - 1213 County San Bernardino		
1X GOODYEAR AUTO SERVICE CTR #9362 5200 MONTCLAIR PLAZA MONTCLAIR, CA 91763	HAZNET	S100926697 N/A
HAZNET: Gepaid: CAD000313098 TSD EPA ID: CAL000113451 Gen County: San Bernardino Tsd County: Los Angeles Tons: .4587 Waste Category: Unspecified organic liquid mixture Disposal Method: Transfer Station Contact: Not reported Telephone: \\(000\\) 000-0000 Mailing Address: LOS ANGELES, CA 90040 County San Bernardino Gepaid: CAD000313098 TSD EPA ID: CAD009452657 Gen County: San Bernardino Tsd County: San Mateo Tons: 1.0842 Waste Category: Unspecified organic liquid mixture Disposal Method: Transfer Station Contact: Not reported Telephone: \\(000\\) 000-0000 Mailing Address: LOS ANGELES, CA 90040 County San Bernardino		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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1X GOODYEAR AUTO SERVICE CTR #9362 \Continued\

S100926697

Gepaid: CAD000313098
TSD EPA ID: CAD009452657
Gen County: San Bernardino
Tsd County: San Mateo
Tons: 0.5212
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: Not reported
Telephone: \000\ 000-0000
Mailing Address: LOS ANGELES, CA 90040
County San Bernardino

Gepaid: CAD000313098
TSD EPA ID: CAL000113451
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 0.3336
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: Not reported
Telephone: \000\ 000-0000
Mailing Address: LOS ANGELES, CA 90040
County San Bernardino

Gepaid: CAD000313098
TSD EPA ID: CAL000113451
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 1.7305
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: Not reported
Telephone: \000\ 000-0000
Mailing Address: LOS ANGELES, CA 90040
County San Bernardino

The CA HAZNET database contains 8 additional records for this site.
Please contact your EDR Account Executive for more information.

**1X ACQUIPORT FIVE
MONTCLAIR PLAZA
MONTCLAIR, CA 91763**

**HAZNET S100567614
CHMIRS N/A**

HAZNET:
Gepaid: CAC000635736
TSD EPA ID: CAL000027741
Gen County: San Bernardino
Tsd County: 5
Tons: 53.0964
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: ACUIPORT FIVE
Telephone: \000\ 000-0000
Mailing Address: 5060 MONTCLAIR PLAZA LANE
MONTCLAIR, CA 91763
County San Bernardino

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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1X ACQUIPORT FIVE \Continued\

S100567614

Gepaid: CAC000635736
TSD EPA ID: CAD009007626
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 72.4808
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: ACUIPORT FIVE
Telephone: \000\ 000-0000
Mailing Address: 5060 MONTCLAIR PLAZA LANE
MONTCLAIR, CA 91763
County San Bernardino

Gepaid: CAC000635736
TSD EPA ID: AZC950823111
Gen County: San Bernardino
Tsd County: 99
Tons: 25.2840
Waste Category: Asbestos-containing waste
Disposal Method: Not reported
Contact: ACUIPORT FIVE
Telephone: \000\ 000-0000
Mailing Address: 5060 MONTCLAIR PLAZA LANE
MONTCLAIR, CA 91763
County San Bernardino

Gepaid: CAC000635736
TSD EPA ID: CAL000027741
Gen County: San Bernardino
Tsd County: 5
Tons: 97.7648
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: ACUIPORT FIVE
Telephone: \000\ 000-0000
Mailing Address: 5060 MONTCLAIR PLAZA LANE
MONTCLAIR, CA 91763
County San Bernardino

Gepaid: CAC000635736
TSD EPA ID: CAD009007626
Gen County: San Bernardino
Tsd County: Los Angeles
Tons: 67.4240
Waste Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: ACUIPORT FIVE
Telephone: \000\ 000-0000
Mailing Address: 5060 MONTCLAIR PLAZA LANE
MONTCLAIR, CA 91763
County San Bernardino

The CA HAZNET database contains 5 additional records for this site.
Please contact your EDR Account Executive for more information.

CHMIRS:

OES Control Number: 97-4316
Chemical Name: NA

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
1X ACQUIPORT FIVE \Continued\		S100567614
Extent of Release:	Not reported	
Property Use:	Not reported	
Incident Date:	Not reported	
Date Completed:	Not reported	
Time Completed :	Not reported	
Agency Id Number :	Not reported	
Agency Incident Number :	Not reported	
OES Incident Number :	97-4316	
Time Notified :	Not reported	
Surrounding Area :	Not reported	
Estimated Temperature :	Not reported	
Property Management :	Not reported	
More Than Two Substances Involved? :	Not reported	
Special Studies 1 :	Not reported	
Special Studies 2 :	Not reported	
Special Studies 3 :	Not reported	
Special Studies 4 :	Not reported	
Special Studies 5 :	Not reported	
Special Studies 6 :	Not reported	
Responding Agency Personnel # Of Injuries :	0	
Responding Agency Personnel # Of Fatalities :	1	
Resp Agncy Personnel # Of Decontaminated :	Not reported	
Others Number Of Decontaminated :	Not reported	
Others Number Of Injuries :	Not reported	
Others Number Of Fatalities :	Not reported	
Vehicle Make/year :	Not reported	
Vehicle License Number :	Not reported	
Vehicle State :	Not reported	
Vehicle Id Number :	Not reported	
CA/DOT/PUC/ICC Number :	Not reported	
Company Name :	Not reported	
Reporting Officer Name/ID :	Not reported	
Report Date :	Not reported	
Comments :	Not reported	
Facility Telephone Number :	Not reported	
Waterway Involved :	No	
Waterway :	Not reported	
Spill Site :	Rail Road	
Cleanup By :	N/A	
Containment :	Yes	
What Happened :	Train vs Pedestrian. 1L554L2-30	
Type :	UNSPECIFIED	
Other :	N/a	
Chemical 1 :	Not Reported	
Chemical 2 :	Not Reported	
Chemical 3 :	Not Reported	
Date/Time :	10/30/97	
Evacuations :	0	

**MONTCLAIR PLAZA DENTAL GROUP
5182 NMONTCLAIR PLAZA LN
MONTCLAIR, CA 91763**

**HAZNET S105725873
N/A**

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
MONTCLAIR PLAZA DENTAL GROUP \\\(Continued\\)		S105725873
HAZNET: Gepaid: CAL000230026 TSD EPA ID: CAD093459485 Gen County: San Bernardino Tsd County: Fresno Tons: 0.02 Waste Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Contact: PATTY ELIAS BACK OFFICE MGR Telephone: \\\(909\\) 626-3566 Mailing Address: 5182 NMONTCLAIR PLAZA LN MONTCLAIR, CA 91763 County San Bernardino		
MONTCLAIR PLAZA CLEANERS 5144 N PLAZA LN MONTCLAIR, CA 91763	HAZNET CLEANERS	S103663096 N/A
HAZNET: Gepaid: CAL000019305 TSD EPA ID: CAD981397417 Gen County: San Bernardino Tsd County: Los Angeles Tons: .2085 Waste Category: Halogenated solvents \\\(chloroform, methyl chloride, perchloroethylene, etc.\\) Disposal Method: Recycler Contact: DAMI CHO Telephone: \\\(909\\) 624-6532 Mailing Address: 9477 CENTRAL AVE MONTCLAIR, CA 91763 County San Bernardino Gepaid: CAL000019305 TSD EPA ID: CAD981375983 Gen County: San Bernardino Tsd County: 1 Tons: .2217 Waste Category: Solids or sludges with halogenated organic compounds > 1000mg/kg Disposal Method: Recycler Contact: DAMI CHO Telephone: \\\(909\\) 624-6532 Mailing Address: 9477 CENTRAL AVE MONTCLAIR, CA 91763 County San Bernardino Gepaid: CAL000019305 TSD EPA ID: CAD981375983 Gen County: San Bernardino Tsd County: 1 Tons: .0000 Waste Category: Liquids with halogenated organic compounds > 1000 mg/l Disposal Method: Not reported Contact: DAMI CHO Telephone: \\\(909\\) 624-6532 Mailing Address: 9477 CENTRAL AVE MONTCLAIR, CA 91763 County San Bernardino		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
MONTCLAIR PLAZA CLEANERS \Continued\		S103663096
<p>Gepaid: CAL000019305</p> <p>TSD EPA ID: CAD981375983</p> <p>Gen County: San Bernardino</p> <p>Tsd County: 1</p> <p>Tons: .1125</p> <p>Waste Category: Liquids with halogenated organic compounds > 1000 mg/l</p> <p>Disposal Method: Recycler</p> <p>Contact: DAMI CHO</p> <p>Telephone: \909\ 624-6532</p> <p>Mailing Address: 9477 CENTRAL AVE</p> <p>MONTCLAIR, CA 91763</p> <p>County San Bernardino</p> <p>Gepaid: CAL000019305</p> <p>TSD EPA ID: CAD981397417</p> <p>Gen County: San Bernardino</p> <p>Tsd County: Los Angeles</p> <p>Tons: .8591</p> <p>Waste Category: Halogenated solvents \chloroform, methyl chloride, perchloroethylene, etc.\</p> <p>Disposal Method: Recycler</p> <p>Contact: DAMI CHO</p> <p>Telephone: \909\ 624-6532</p> <p>Mailing Address: 9477 CENTRAL AVE</p> <p>MONTCLAIR, CA 91763</p> <p>County San Bernardino</p> <p>The CA HAZNET database contains 1 additional record for this site. Please contact your EDR Account Executive for more information.</p> <p>CA Cleaners:</p> <p>Create Date: 11/14/89</p> <p>Inactive Date: 06/30/00</p> <p>EPA Id: CAL000019305</p> <p>County : San Bernardino</p> <p>Create Date: 06/17/88</p> <p>Inactive Date: 01/01/95</p> <p>EPA Id: CAD040529943</p> <p>County : San Bernardino</p>		

TEXACO SERVICE STATION
4910 S PLAZA LN
MONTCLAIR, CA 91763

RCRIS-SQG 1006805339
FINDS CAR000126011

RCRIS:

Owner: EQUILON ENTERPRISES L L C
\713\ 241-5036

EPA ID: CAR000126011

Contact: SONDR A BIENVENU
\713\ 241-5036

Classification: Small Quantity Generator

TSDF Activities: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
------	-------------	--------------------------------

TEXACO SERVICE STATION \Continued\

1006805339

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System \FRS\

Resource Conservation and Recovery Act Information system \RCRAINFO\

**FAITH CENTER
SUNSHINE RIDGE 5 MI N MONTCLAIR
MONTCLAIR, CA 91763**

**HAZNET S103963973
N/A**

HAZNET:

Gepaid: CAC001375384

TSD EPA ID: NVT330010000

Gen County: San Bernardino

Tsd County: 99

Tons: .0000

Waste Category:

Disposal Method: Transfer Station

Contact: FAITH CENTER

Telephone: \213\ 469-5638

Mailing Address: 6611 SANTA MONICA BLVD

LOS ANGELES, CA 90038

County San Bernardino

Gepaid: CAC001375384

TSD EPA ID: NVT330010000

Gen County: San Bernardino

Tsd County: 99

Tons: 3.3060

Waste Category: Polychlorinated biphenyls and material containing PCB's

Disposal Method: Disposal, Other

Contact: FAITH CENTER

Telephone: \213\ 469-5638

Mailing Address: 6611 SANTA MONICA BLVD

LOS ANGELES, CA 90038

County San Bernardino

Gepaid: CAC001375384

TSD EPA ID: NVT330010000

Gen County: San Bernardino

Tsd County: 99

Tons: .8816

Waste Category: Liquids with polychlorinated biphenyls > 50 mg/l

Disposal Method: Not reported

Contact: FAITH CENTER

Telephone: \213\ 469-5638

Mailing Address: 6611 SANTA MONICA BLVD

LOS ANGELES, CA 90038

County San Bernardino

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
HUD 10476 YOSIMTEE DR MONTCLAIR, CA 91763 HAZNET: Gepaid: CAC001345408 TSD EPA ID: CAD000088252 Gen County: San Bernardino Tsd County: Los Angeles Tons: .0417 Waste Category: Oxygenated solvents \(\acetone, butanol, ethyl acetate, etc.\) Disposal Method: Not reported Contact: HUD Telephone: \(\000\ 000-0000 Mailing Address: 7365 CARNELIAN AVE STE 105 RANCHO CUCAMONGA, CA 91730 County: San Bernardino Gepaid: CAC001345408 TSD EPA ID: Not reported Gen County: San Bernardino Tsd County: 0 Tons: .0417 Waste Category: Oxygenated solvents \(\acetone, butanol, ethyl acetate, etc.\) Disposal Method: Transfer Station Contact: HUD Telephone: \(\000\ 000-0000 Mailing Address: 7365 CARNELIAN AVE STE 105 RANCHO CUCAMONGA, CA 91730 County: San Bernardino	HAZNET	S103621306 N/A
STRESSCOAT INC 1334 N BENSON AVE A UPLAND, CA 91786 DEHS Permit: Facility ID: PT0004302 Facility Status: ACTIVE Permit Category: Hazmat Handler 0-10 Employees \(\w/Gen Prmt\) Expiration Date: 05/31/2004 Facility ID: PT0004303 Facility Status: INACTIVE Permit Category: Generator - 0-10 Employees Expiration Date: 05/31/2003	San Bern. Co. Permit	S104770724 N/A
UPLAND NISSAN SERVICE 825 N CENTRAL AVE UNIT E UPLAND, CA 91786 DEHS Permit: Facility ID: PT0005798 Facility Status: INACTIVE Permit Category: Special Generator\(\B\) Expiration Date: 07/31/2004	San Bern. Co. Permit	S105974497 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
UPLAND NISSAN SERVICE 825 N CENTRAL AVE UNIT E UPLAND, CA 91786 DEHS Permit: Facility ID: PT0005797 Facility Status: INACTIVE Permit Category: Special Handler Expiration Date: 07/31/2004	San Bern. Co. Permit	S105974496 N/A
R & R ROTARY 933 CENTRAL D UPLAND, CA 91786 DEHS Permit: Facility ID: PT0010117 Facility Status: ACTIVE Permit Category: Special Generator\ (B\) Expiration Date: 05/31/2002 Facility ID: PT0010118 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 05/31/2002	San Bern. Co. Permit	S105482105 N/A
R & L AUTOMOTIVE REPAIR 923 N CENTRAL L UPLAND, CA 91764 DEHS Permit: Facility ID: PT0001147 Facility Status: INACTIVE Permit Category: Special Generator\ (B\) Expiration Date: 02/28/2003 Facility ID: PT0001152 Facility Status: INACTIVE Permit Category: Special Handler Expiration Date: 02/28/2003	San Bern. Co. Permit	S105298586 N/A
GERMAN AUTO WORKS 903 N CENTRAL AVE C UPLAND, CA 91786 DEHS Permit: Facility ID: PT0007684 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 05/31/2004 Facility ID: PT0007685 Facility Status: ACTIVE Permit Category: Special Generator\ (B\) Expiration Date: 05/31/2004	San Bern. Co. Permit	S104905677 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
EXOTIC MOTORCARS 923 N CENTRAL D UPLAND, CA 91786 DEHS Permit: Facility ID: PT0007057 Facility Status: ACTIVE Permit Category: Special Generator\B\ Expiration Date: 09/30/2004 Facility ID: PT0007058 Facility Status: ACTIVE Permit Category: Special Handler Expiration Date: 09/30/2004	San Bern. Co. Permit	S104766123 N/A
HUD/ASSET MANAGEMENT SPECIALTIES INC 466 CMAPUS UPLAND, CA 91786 HAZNET: Gepaid: CAC002135241 TSD EPA ID: CAD982444481 Gen County: San Bernardino Tsd County: San Bernardino Tons: 1.6365 Waste Category: Household waste Disposal Method: Transfer Station Contact: HUD/ASSET MANAGMENT SPECIALTIE Telephone: \000\ 000-0000 Mailing Address: 1141 POMONA RD #D CORONA, CA 91720 County: San Bernardino	HAZNET	S104570311 N/A
KATHRYN CARNEAL SOUTHEAST CORNER OF 11TH / CENTRAL UPLAND, CA 91786 HAZNET: Gepaid: CAC002249313 TSD EPA ID: CAD050806850 Gen County: San Bernardino Tsd County: Los Angeles Tons: .0240 Waste Category: Other empty containers 30 gallons or more Disposal Method: Transfer Station Contact: KATHRYN CARNEAL Telephone: \858\ 509-1100 Mailing Address: 13172 CAMINITO POINTE DEL MAR DEL MAR, CA 92014 - 3855 County: San Bernardino Gepaid: CAC002249313 TSD EPA ID: CAD050806850 Gen County: San Bernardino Tsd County: Los Angeles Tons: .0075 Waste Category: Other organic solids Disposal Method: Transfer Station Contact: KATHRYN CARNEAL Telephone: \858\ 509-1100	HAZNET	S105085581 N/A

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
KATHRYN CARNEAL \Continued\		S105085581
Mailing Address: 13172 CAMINITO POINTE DEL MAR DEL MAR, CA 92014 - 3855		
County: San Bernardino		
Gepaid: CAC002249313		
TSD EPA ID: CAD050806850		
Gen County: San Bernardino		
Tsd County: Los Angeles		
Tons: .0500		
Waste Category: Contaminated soil from site clean-ups		
Disposal Method: Transfer Station		
Contact: KATHRYN CARNEAL		
Telephone: \858\ 509-1100		
Mailing Address: 13172 CAMINITO POINTE DEL MAR DEL MAR, CA 92014 - 3855		
County: San Bernardino		
Gepaid: CAC002249313		
TSD EPA ID: CAD050806850		
Gen County: San Bernardino		
Tsd County: Los Angeles		
Tons: .0015		
Waste Category: Empty containers less than 30 gallons		
Disposal Method: Transfer Station		
Contact: KATHRYN CARNEAL		
Telephone: \858\ 509-1100		
Mailing Address: 13172 CAMINITO POINTE DEL MAR DEL MAR, CA 92014 - 3855		
County: San Bernardino		
Gepaid: CAC002249313		
TSD EPA ID: CAD050806850		
Gen County: San Bernardino		
Tsd County: Los Angeles		
Tons: .0550		
Waste Category: Paint sludge		
Disposal Method: Transfer Station		
Contact: KATHRYN CARNEAL		
Telephone: \858\ 509-1100		
Mailing Address: 13172 CAMINITO POINTE DEL MAR DEL MAR, CA 92014 - 3855		
County: San Bernardino		
The CA HAZNET database contains 2 additional records for this site. Please contact your EDR Account Executive for more information.		

SHELL SERVICE STATION
2401 N EUCLID
UPLAND, CA 91786

RCRIS-SQG 1005415514
FINDS CAR000112078

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
<p>SHELL SERVICE STATION \ (Continued)</p> <p>RCRIS:</p> <p>Owner: EQUILON ENTERPRISES L L C \ (713\) 241-5036</p> <p>EPA ID: CAR000112078</p> <p>Contact: SONDRA BIENVENU \ (713\) 241-5036</p> <p>Classification: Small Quantity Generator TSD Activities: Not reported</p> <p>Violation Status: No violations found</p> <p>FINDS:</p> <p>Other Pertinent Environmental Activity Identified at Site: Facility Registry System \ (FRS\) Resource Conservation and Recovery Act Information system \ (RCRAINFO\)</p>		1005415514
<p>SHELL 1188 WEST FOOTHILL/MOUNTAIN UPLAND, CA 91786</p>	HAZNET	S105126537 N/A

APPENDIX G

DISPERSION MODELING RESULTS

METRO STATION AND SURROUNDING MAJOR POLLUTERS



PREPARED SOLELY FOR THE USE OF OUR CLIENT AND NO
 REPRESENTATION OF ANY KIND IS MADE TO OTHER PARTIES WITH
 WHOM KOMEX MAY NOT ENTER INTO A CONTRACT

Client:

Project/Site:

Title:

Dispersion Model Results for Metro Station.

Date:

Project No:

Figure No:

ISCST3 - (DATED 02035)

ISCST3X PC (32 BIT) VERSION 4.0.1
(C) COPYRIGHT 1991-2002, Trinity Consultants

Run Began on 3/01/2004 at 11:07:47

** BREEZE ISC GIS Pro v4.0.13 - C:\SWAPE\Projects\Omnitrans\Appendix G\prelim 5th
street.dat
** Trinity Consultants

CO STARTING
CO TITLEONE Preliminary 5th Street Model
CO TITLETWO Fugitive Emissions From Service Bay
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTs FLAT
CO FLAGPOLE 2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION YLLWCAB AREA 445.4 52.9 0
** SRCDESCR Yellow Cab/Bell Cabstop
SO LOCATION TACOKID AREAPOLY 37.9 742.4 0
** SRCDESCR Taco Kid
SO LOCATION PRIETO AREAPOLY 171.1 -161.3 0
** SRCDESCR Prieto Auto Body
SO LOCATION ISLAND AREA -110.6 185.9 0
** SRCDESCR Fueling Islands
SO LOCATION SRC2 AREA -237.3 181.0 0
** SRCDESCR Service Bays
SO SRCPARAM YLLWCAB 3.392130E-05 0 22.3 49.00002 180 0
SO SRCPARAM TACOKID 1.221167E-04 0 6 0
SO AREAVERT TACOKID 37.9 742.4 23.2 742.4 23.2 737.9 18.0 737.5
SO AREAVERT TACOKID 18.0 731.3 38.2 731.3
SO SRCPARAM PRIETO 1.587517E-04 0 5 0
SO AREAVERT PRIETO 171.1 -161.3 202.5 -162.0 205.3 -221.9 176.0 -220.5
SO AREAVERT PRIETO 175.3 -160.6
SO SRCPARAM ISLAND 0.000000E+00 1 17 23.9 90 0
SO SRCPARAM SRC2 8.292917E-05 0 114 53.2 90 0
SO EMISFACT YLLWCAB HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1
SO EMISFACT YLLWCAB HROFDY 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0
SO EMISFACT YLLWCAB HROFDY 0.0 0.0 0.0 0.0
SO EMISFACT TACOKID HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.07692 0.07692
0.07692
SO EMISFACT TACOKID HROFDY 0.07692 0.07692 0.07692 0.07692 0.07692 0.07692
SO EMISFACT TACOKID HROFDY 0.07692 0.07692 0.07692 0.07692 0.0 0.0 0.0
SO EMISFACT TACOKID HROFDY 0.0 0.0
SO EMISFACT PRIETO HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1
SO EMISFACT PRIETO HROFDY 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0
SO EMISFACT PRIETO HROFDY 0.0 0.0 0.0 0.0
SO SRCGROUP Metro SRC2
SO SRCGROUP Taco TACOKID
SO SRCGROUP Prieto PRIETO
SO SRCGROUP Taxi YLLWCAB
SO FINISHED

RE STARTING
RE GRIDCART GRD2 STA 0
** GRDDESCR 100 Meter Cartesian Grid
RE GRIDCART GRD2 XYINC -725.0 15 100.0 -633.1 15 100.0
RE GRIDCART GRD2 END
RE DISCCART 55.4 149.3

```

** RCPDESCR 500 ft receptor
RE DISCCART 103.8 291.4
** RCPDESCR 1000 ft receptor
RE DISCCART 228.8 396.6
** RCPDESCR 1500 ft receptor
RE DISCCART 308.4 524.5
** RCPDESCR 2000 ft receptor
RE DISCCART 385.0 655.4
** RCPDESCR 2500 ft receptor
RE DISCCART -2.4 204.7 2
** RCPDESCR Worst Case Receptor
RE FINISHED

ME STARTING
ME INPUTFIL "C:\SWAPE\PROJECTS\MET DATA\RIVERSD.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 54139 1981
ME UAIRDATA 99999 1981
ME STARTEND 1981 01 01 1 1981 12 31 24
ME FINISHED

OU STARTING
OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0
** IMAGE2 "C:\DOCUMENTS AND SETTINGS\JCLARK\DESKTOP\SB02-576_606_BW COPY.TAB"
** BMP "C:\DOCUMENTS AND SETTINGS\JCLARK\DESKTOP\SB02-576_606_BW COPY.JPG" -
1954.27778533101 -2048.59353366494 0.4623321
** OUTFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\prelim 5th street.LST"
** RAWFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\prelim 5th street.RAW"
** RAWFMT 2
** HILLBOUN 0 0 0 0

** POLLUTNT IDN 01 OTHER X
** POLLUTNT NAM 01 Other
** POLLUTNT IDN 02 H2S
** POLLUTNT NAM 02 Hydrogen Sulfide
** POLLUTNT IDN 03 MEMERC
** POLLUTNT NAM 03 Methyl Mercaptan
** POLLUTNT IDN 04 TOG
** POLLUTNT NAM 04 TOG
** POLLUTNT EMS YLLWCAB 3.392130E-05 0 0 0
** POLLUTNT EMS TACOKID 1.221167E-04 0 0 0
** POLLUTNT EMS PRIETO 1.587517E-04 0 0 0
** POLLUTNT EMS ISLAND 0 0 0 2.424179E-05
** POLLUTNT EMS SRC2 8.292917E-05 0 0 0

** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD2
** BUILDING NAM Washing Station
** BUILDING REC -167.0 185.9 24.7 24.7 90.0
** BUILDING BLD 0 0 0 12.192 4
** BUILDING IDN BLD3
** BUILDING NAM Main Building
** BUILDING REC -210.4 133.2 59.8 73.8 90.0
** BUILDING BLD 0 0 0 9.144 10
** BUILDING IDN BLD4
** BUILDING NAM Service Bays
** BUILDING CRN -237.8 179.8
** BUILDING CRN -236.9 67.4
** BUILDING CRN -183.0 66.9
** BUILDING CRN -182.5 72.9
** BUILDING CRN -210.4 73.4
** BUILDING CRN -210.4 132.4
** BUILDING CRN -190.0 132.4
** BUILDING CRN -190.0 181.2
** BUILDING CRN -190.0 181.2

```

```

** BUILDING CRN -237.4 180.7
** BUILDING BLD 0 0 0 9.144 9
** BUILDING IDN BLD5
** BUILDING NAM Front Office of Omnitrans
** BUILDING CRN -157.9 72.9
** BUILDING CRN -159.8 26.9
** BUILDING CRN -152.4 23.2
** BUILDING CRN -113.8 21.9
** BUILDING CRN -114.3 24.2
** BUILDING CRN -94.3 24.6
** BUILDING CRN -94.3 46.9
** BUILDING CRN -141.2 48.3
** BUILDING CRN -141.2 74.3
** BUILDING BLD 0 0 0 3.048 4
** BUILDING IDN BLD6
** BUILDING NAM Guard Shack
** BUILDING REC -17.1 51.2 5.8 6.7 90.0
** BUILDING BLD 0 0 0 3.6576 4
** BUILDING IDN BLD7
** BUILDING NAM LNG Storage Facility
** BUILDING REC -271.1 186.7 29.3 14.4 90.0
** BUILDING BLD 0 0 0 9.144 12
** BUILDING IDN BLD8
** BUILDING NAM Main School Bldg
** BUILDING CRN 43.2 390.6
** BUILDING CRN 43.2 370.6
** BUILDING CRN 51.6 370.1
** BUILDING CRN 51.1 377.1
** BUILDING CRN 131.9 376.7
** BUILDING CRN 131.4 369.7
** BUILDING CRN 141.2 371.1
** BUILDING CRN 140.3 405.9
** BUILDING CRN 130.5 405.9
** BUILDING CRN 131.0 397.5
** BUILDING CRN 52.0 397.5
** BUILDING CRN 52.0 392.5
** BUILDING BLD 0 0 0 3.6576 4
** BUILDING IDN BLD9
** BUILDING NAM Annex 1
** BUILDING REC 23.3 381.3 9.8 14.4 90.0
** BUILDING BLD 0 0 0 3.6576 8
** BUILDING IDN BLD10
** BUILDING NAM Annex 2
** BUILDING CRN 68.3 360.4
** BUILDING CRN 73.9 355.3
** BUILDING CRN 64.6 346.9
** BUILDING CRN 80.4 333.4
** BUILDING CRN 87.8 342.7
** BUILDING CRN 91.5 340.4
** BUILDING CRN 100.8 349.7
** BUILDING CRN 76.6 371.5
** BUILDING BLD 0 0 0 0 4
** BUILDING IDN BLD11
** BUILDING NAM Annex 3
** BUILDING CRN 90.6 375.7
** BUILDING CRN 91.0 359.9
** BUILDING CRN 111.9 359.5
** BUILDING CRN 111.5 378.0
** BUILDING BLD 0 0 0 3.6576 13
** BUILDING IDN BLD12
** BUILDING NAM Annex 4
** BUILDING CRN 107.3 360.8
** BUILDING CRN 98.0 349.7
** BUILDING CRN 129.6 323.7
** BUILDING CRN 137.0 330.7
** BUILDING CRN 140.7 326.9
** BUILDING CRN 156.5 343.2

```

** BUILDING CRN 145.4 353.9
** BUILDING CRN 140.3 349.2
** BUILDING CRN 129.6 359.9
** BUILDING CRN 126.3 358.5
** BUILDING CRN 119.8 364.1
** BUILDING CRN 117.0 361.3
** BUILDING CRN 112.4 365.5

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 7 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 42 APARM :Input Parameter May Be Out-of-Range for Parameter QS
RE W216 64 RECAR:FLAG Input Inconsistent With Option: Defaults Used GRD2
RE W228 65 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 67 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 69 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 71 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 73 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 03/01/04 *** Fugitive Emissions From Service Bay
*** 11:07:48
**MODELOPTs:
PAGE 1
CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY

-- Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.

6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 4 Source Group(s); and 231
Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and

Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ;
Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.2 MB of RAM.

**Input Runstream File: C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX G\PRELIM 5TH
STREET.DAT

**Output Print File: C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX G\PRELIM 5TH
STREET.LST

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model

*** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

Y-DIM	ORIENT.	NUMBER	EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM
AREA	OF AREA	INIT.	EMISSION RATE				
AREA	OF AREA	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT
ID	CATS.	SZ	SCALAR VARY	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(DEG.)	(METERS)	BY				

YLLWCAB	0	0.33921E-04	445.4	52.9	0.0	0.00	22.30
49.00	180.00	0.00	HROFDY				
ISLAND	0	0.00000E+00	-110.6	185.9	0.0	1.00	17.00
23.90	90.00	0.00					
SRC2	0	0.82929E-04	-237.3	181.0	0.0	0.00	114.00
53.20	90.00	0.00					

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 03/01/04

*** Fugitive Emissions From Service Bay

[illegible]

*** Fugitive Emissions From Service Bay

GROUP ID	SOURCE IDs
----------	------------

*** Fugitive Emissions From Service Bay

[illegible]

SOURCE ID = YLLWCAB ; SOURCE TYPE = AREA :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.00000E+00
11	.10000E+00	12	.10000E+00	13	.10000E+00	14	.10000E+00
17	.10000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
23	.00000E+00	24	.00000E+00	21	.00000E+00	22	.00000E+00

SOURCE ID = TACOKID ; SOURCE TYPE = AREAPOLY :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.76920E-01	8	.76920E-01
11	.76920E-01	12	.76920E-01	13	.76920E-01	14	.76920E-01
17	.76920E-01	18	.76920E-01	19	.76920E-01	20	.00000E+00
23	.00000E+00	24	.00000E+00	21	.00000E+00	22	.00000E+00

SOURCE ID = PRIETO ; SOURCE TYPE = AREAPOLY :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00	7	.00000E+00	8	.10000E+00
11	.10000E+00	12	.10000E+00	13	.10000E+00	14	.10000E+00
17	.10000E+00	18	.00000E+00	19	.00000E+00	20	.00000E+00
23	.00000E+00	24	.00000E+00	21	.00000E+00	22	.00000E+00

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 03/01/04 *** Fugitive Emissions From Service Bay
 *** 11:07:48
 **MODELOPTs:
 PAGE 6
 CONC URBAN FLAT FLGPOL DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

*** X-COORDINATES OF GRID ***
 (METERS)

-25.0,	-725.0,	-625.0,	-525.0,	-425.0,	-325.0,	-225.0,	-125.0,
75.0,	175.0,	275.0,	375.0,	475.0,	575.0,	675.0,	

*** Y-COORDINATES OF GRID ***
 (METERS)

66.9,	-633.1,	-533.1,	-433.1,	-333.1,	-233.1,	-133.1,	-33.1,
166.9,	266.9,	366.9,	466.9,	566.9,	666.9,	766.9,	

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 03/01/04 *** Fugitive Emissions From Service Bay
 *** 11:07:48
 **MODELOPTs:
 PAGE 7
 CONC URBAN FLAT FLGPOL DFAULT

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD		X-COORD (METERS)				
(METERS)		-725.00	-625.00	-525.00	-425.00	-325.00
-225.00	-125.00	-25.00	75.00			

766.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
666.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
566.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
466.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
366.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
266.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
166.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
66.90		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-33.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-133.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-233.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-333.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-433.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-533.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-633.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model

*** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD		X-COORD (METERS)				
(METERS)		175.00	275.00	375.00	475.00	575.00
675.00						

766.90		2.00	2.00	2.00	2.00	2.00
2.00						
666.90		2.00	2.00	2.00	2.00	2.00
2.00						

[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
(METERS/SEC)
10.80, 1.54, 3.09, 5.14, 8.23,

```

		WIND SPEED CATEGORY		
	STABILITY CATEGORY	1	2	3
5	6			4
	A	.15000E+00	.15000E+00	.15000E+00
.15000E+00	.15000E+00	.15000E+00		
	B	.15000E+00	.15000E+00	.15000E+00
.15000E+00	.15000E+00	.15000E+00		
	C	.20000E+00	.20000E+00	.20000E+00
.20000E+00	.20000E+00	.20000E+00		
	D	.25000E+00	.25000E+00	.25000E+00
.25000E+00	.25000E+00	.25000E+00		
	E	.30000E+00	.30000E+00	.30000E+00
.30000E+00	.30000E+00	.30000E+00		
	F	.30000E+00	.30000E+00	.30000E+00
.30000E+00	.30000E+00	.30000E+00		

		STABILITY CATEGORY	1	2	WIND SPEED CATEGORY	3	4
5	6	A	.00000E+00	.00000E+00	.00000E+00		
.00000E+00	.00000E+00		.00000E+00				
	B	.00000E+00	.00000E+00	.00000E+00			
.00000E+00	.00000E+00		.00000E+00				
	C	.00000E+00	.00000E+00	.00000E+00	.00000E+00		
.00000E+00	.00000E+00		.00000E+00				
	D	.00000E+00	.00000E+00	.00000E+00	.00000E+00		
.00000E+00	.00000E+00		.00000E+00				
	E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-	
01	.20000E-01	.20000E-01					
	F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-	
01	.35000E-01	.35000E-01					

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

					FLOW	SPEED	TEMP	STAB	MIXING	HEIGHT (M)	USTAR	M-O	LENGTH	Z-0
IPCODE	PRATE				VECTOR	(M/S)	(K)	CLASS	RURAL	URBAN	(M/S)	(M)		(M)
YR	MN	DY	HR											
(mm/HR)														

0	81	01	01	01	202.3	1.00	284.3	7	522.6	170.0	0.0000		0.0	0.0000
0	81	01	01	02	192.4	0.00	284.3	7	507.0	170.0	0.0000		0.0	0.0000
0	81	01	01	03	197.5	0.00	283.1	7	491.4	170.0	0.0000		0.0	0.0000
0	81	01	01	04	211.0	0.00	283.1	7	475.8	170.0	0.0000		0.0	0.0000
0	81	01	01	05	174.0	1.00	282.6	7	460.3	170.0	0.0000		0.0	0.0000
0	81	01	01	06	207.0	1.00	283.1	7	444.7	170.0	0.0000		0.0	0.0000
0	81	01	01	07	207.0	0.00	285.4	6	1.4	170.7	0.0000		0.0	0.0000
0	81	01	01	08	202.1	0.00	287.6	5	47.0	192.0	0.0000		0.0	0.0000
0	81	01	01	09	231.5	1.00	289.8	4	92.5	213.3	0.0000		0.0	0.0000
0	81	01	01	10	9.1	1.00	291.5	3	138.0	234.7	0.0000		0.0	0.0000
0	81	01	01	11	359.1	1.34	294.3	2	183.5	256.0	0.0000		0.0	0.0000
0	81	01	01	12	350.6	0.00	297.6	2	229.0	277.3	0.0000		0.0	0.0000
0	81	01	01	13	19.7	2.24	298.7	3	274.5	298.7	0.0000		0.0	0.0000
0	81	01	01	14	56.7	2.68	299.8	3	320.0	320.0	0.0000		0.0	0.0000
0	81	01	01	15	89.8	2.68	299.3	3	320.0	320.0	0.0000		0.0	0.0000
0	81	01	01	16	98.2	3.13	298.7	4	320.0	320.0	0.0000		0.0	0.0000
0	81	01	01	17	87.6	1.79	295.4	5	325.6	318.5	0.0000		0.0	0.0000
0	81	01	01	18	75.1	1.00	291.5	6	357.2	310.3	0.0000		0.0	0.0000
0	81	01	01	19	110.5	1.00	289.8	7	388.8	302.1	0.0000		0.0	0.0000
0	81	01	01	20	235.7	1.00	287.0	7	420.4	293.9	0.0000		0.0	0.0000
0	81	01	01	21	246.1	1.00	286.5	7	452.0	285.7	0.0000		0.0	0.0000

81	01	01	22	204.5	1.00	287.0	7	483.5	277.4	0.0000	0.0	0.0000
0				0.00								
81	01	01	23	203.2	0.00	285.9	7	515.1	269.2	0.0000	0.0	0.0000
0				0.00								
81	01	01	24	202.2	0.00	285.4	7	546.7	261.0	0.0000	0.0	0.0000
0				0.00								

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 03/01/04 *** Fugitive Emissions From Service Bay
*** 11:07:48
**MODELOPTs:
PAGE 12
CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: METRO ***
INCLUDING SOURCE(S): SRC2 ,
*** NETWORK ID: GRD2 ; NETWORK TYPE:
GRIDCART ***

*** CONC OF OTHER IN MICROGRAMS/M**3
**

Y-COORD (METERS)		-725.00	-625.00	-525.00	X-COORD (METERS)	
-225.00	-125.00	-25.00	75.00		-425.00	-325.00

766.90		0.33726	0.40513	0.49230	0.59900	0.79497
0.96104	0.89479	0.74850	0.69706			
666.90		0.42384	0.47550	0.60115	0.74801	1.02032
1.30488	1.18875	0.98921	0.89473			
566.90		0.59515	0.61948	0.73601	0.98076	1.36424
1.89397	1.66868	1.40157	1.07791			
466.90		0.91532	0.95301	1.01174	1.32356	1.94719
3.04405	2.55758	2.03916	1.14945			
366.90		1.33786	1.60722	1.80858	2.01743	3.12727
5.83059	4.64210	2.56287	1.38366			
266.90		1.72799	2.36913	3.37250	4.72980	6.42969
16.36655	9.65626	3.99432	3.02229			
166.90		2.07046	3.01554	4.88004	9.42115	25.37249
185.99438	44.85357	13.62797	6.88729			
66.90		2.19833	3.20516	5.14265	9.67642	25.85194
217.78876	80.02150	26.29359	11.80195			
-33.10		1.88168	2.52555	3.64898	5.74068	11.96776
30.78963	18.17266	12.79118	10.08162			
-133.10		1.46780	1.93078	2.54168	3.83218	7.65210
11.93339	9.23229	5.69556	4.69628			
-233.10		1.21407	1.45006	1.92440	3.28274	4.63463
6.48198	5.80465	3.75056	2.84087			
-333.10		0.95060	1.18160	1.74601	2.61566	3.16880
4.13475	3.96703	2.77395	2.14165			
-433.10		0.81111	1.08748	1.60043	1.95891	2.37148
2.89996	2.87681	2.20222	1.66558			
-533.10		0.75180	1.04371	1.36938	1.50630	1.86058
2.16525	2.18444	1.79788	1.37450			
-633.10		0.72921	0.97214	1.12472	1.21784	1.50365
1.68974	1.71978	1.49343	1.17945			

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 03/01/04


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***                               *** Fugitive Emissions From Service Bay
***      11:07:48
**MODELOPTs:
PAGE 13
CONC                URBAN FLAT  FLGPOL DFAULT

*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: METRO ***
INCLUDING SOURCE(S):      SRC2      ,

*** NETWORK ID: GRD2      ; NETWORK TYPE:

GRIDCART ***

** CONC OF OTHER      IN MICROGRAMS/M**3
**

      Y-COORD |
      (METERS) |      175.00      275.00      375.00      X-COORD (METERS)
675.00      |      475.00      575.00
-----|-----
766.90 |      0.59772      0.42975      0.30070      0.22789      0.19882
0.19640 |
666.90 |      0.64802      0.42529      0.30838      0.27044      0.27143
0.27711 |
566.90 |      0.65418      0.44603      0.39582      0.39911      0.39290
0.36772 |
466.90 |      0.71583      0.64486      0.63099      0.58144      0.51773
0.46228 |
366.90 |      1.22799      1.09499      0.93506      0.80589      0.70880
0.63155 |
266.90 |      2.32152      1.81554      1.46203      1.20044      1.00009
0.84402 |
166.90 |      4.20694      2.84687      2.06191      1.56813      1.23728
1.00443 |
66.90 |      6.45715      4.03662      2.76126      2.01308      1.53787
1.21724 |
-33.10 |      6.96119      4.76047      3.37551      2.48996      1.90089
1.49392 |
-133.10 |      4.57680      3.96661      3.18946      2.52374      2.01383
1.63103 |
-233.10 |      2.46426      2.51196      2.42695      2.17060      1.86284
1.57773 |
-333.10 |      1.72172      1.53865      1.57701      1.59781      1.52758
1.39461 |
-433.10 |      1.40743      1.16593      1.06283      1.08542      1.12072
1.11421 |
-533.10 |      1.15273      1.00000      0.84825      0.78414      0.79675
0.82759 |
-633.10 |      0.96524      0.85819      0.74961      0.64874      0.60595
0.61285 |
1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
***      03/01/04 *** Fugitive Emissions From Service Bay

***      11:07:48
**MODELOPTs:
PAGE 14
CONC                URBAN FLAT  FLGPOL DFAULT

*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: METRO ***
INCLUDING SOURCE(S):      SRC2      ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

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** CONC OF OTHER IN MICROGRAMS/M**3
 **

COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
291.40	55.40	149.30	8.81384	103.80	
	2.31356				
524.50	228.80	396.60	0.98169	308.40	
	0.48256				
204.70	385.00	655.40	0.30634	-2.40	
	7.63123				

 1 *** ISCST3 - VERSION 02035 ***
 *** 03/01/04
 *** Preliminary 5th Street Model
 *** Fugitive Emissions From Service Bay
 *** 11:07:48
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: TACO INCLUDING SOURCE(S): TACOKID ,
 *** NETWORK ID: GRD2 ; NETWORK TYPE:
 GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3
 **

Y-COORD (METERS)	X-COORD (METERS)	CONC	CONC	CONC	CONC	CONC
-225.00	-125.00	-725.00	-625.00	-525.00	-425.00	-325.00
		-25.00	75.00			
766.90	0.00097	0.00125	0.00169	0.00244	0.00385	
0.00707	0.01742	0.09851	0.12834			
666.90	0.00093	0.00119	0.00158	0.00224	0.00344	
0.00599	0.01233	0.03306	0.06377			
566.90	0.00083	0.00104	0.00134	0.00175	0.00245	
0.00384	0.00481	0.01411	0.01271			
466.90	0.00071	0.00084	0.00106	0.00142	0.00176	
0.00193	0.00389	0.00639	0.00544			
366.90	0.00060	0.00075	0.00092	0.00101	0.00105	
0.00160	0.00290	0.00362	0.00316			
266.90	0.00056	0.00063	0.00065	0.00067	0.00087	
0.00149	0.00207	0.00234	0.00210			
166.90	0.00046	0.00046	0.00047	0.00055	0.00086	
0.00126	0.00153	0.00165	0.00151			
66.90	0.00034	0.00035	0.00039	0.00055	0.00081	
0.00103	0.00117	0.00123	0.00114			
-33.10	0.00027	0.00029	0.00038	0.00055	0.00072	
0.00084	0.00093	0.00096	0.00090			
-133.10	0.00023	0.00028	0.00039	0.00052	0.00062	
0.00070	0.00076	0.00077	0.00073			
-233.10	0.00022	0.00028	0.00038	0.00047	0.00054	
0.00060	0.00063	0.00064	0.00061			
-333.10	0.00022	0.00029	0.00036	0.00042	0.00047	
0.00051	0.00053	0.00054	0.00052			
-433.10	0.00022	0.00029	0.00034	0.00038	0.00042	
0.00044	0.00046	0.00046	0.00045			
-533.10	0.00023	0.00027	0.00031	0.00034	0.00037	
0.00039	0.00040	0.00040	0.00039			

-633.10 | 0.00022 0.00026 0.00028 0.00031 0.00033
0.00034 0.00035 0.00035 0.00034
1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TACO ***

INCLUDING SOURCE(S): TACOKID ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

Y-COORD | X-COORD (METERS)
(METERS) | 175.00 275.00 375.00 475.00 575.00
675.00

766.90 | 0.03892 0.01672 0.00914 0.00577 0.00398
0.00293
666.90 | 0.07124 0.02925 0.01427 0.00829 0.00540
0.00381
566.90 | 0.01204 0.01530 0.01320 0.00925 0.00640
0.00458
466.90 | 0.00440 0.00495 0.00590 0.00629 0.00554
0.00449
366.90 | 0.00272 0.00241 0.00269 0.00307 0.00344
0.00342
266.90 | 0.00184 0.00152 0.00157 0.00170 0.00188
0.00211
166.90 | 0.00129 0.00116 0.00103 0.00110 0.00118
0.00127
66.90 | 0.00096 0.00093 0.00078 0.00077 0.00082
0.00086
-33.10 | 0.00075 0.00074 0.00065 0.00058 0.00061
0.00064
-133.10 | 0.00061 0.00060 0.00056 0.00048 0.00047
0.00049
-233.10 | 0.00052 0.00049 0.00049 0.00042 0.00038
0.00039
-333.10 | 0.00044 0.00041 0.00042 0.00038 0.00033
0.00032
-433.10 | 0.00039 0.00035 0.00036 0.00034 0.00030
0.00027
-533.10 | 0.00034 0.00030 0.00031 0.00031 0.00027
0.00024
-633.10 | 0.00030 0.00027 0.00027 0.00027 0.00025
0.00022

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TACO ***

INCLUDING SOURCE(S): TACOKID ,

* * *

* *

* *

Y-COORD (METERS)		X-COORD (METERS)				
-225.00	-125.00	-725.00	-625.00	-525.00	-425.00	-325.00
<hr/>						
766.90	0.00364	0.00187	0.00201	0.00221	0.00256	0.00313
666.90	0.00420	0.00421	0.00229	0.00250	0.00282	0.00340
566.90	0.00476	0.00503	0.00266	0.00289	0.00322	0.00375
466.90	0.00534	0.00618	0.00331	0.00344	0.00380	0.00433
366.90	0.00621	0.00790	0.00438	0.00448	0.00467	0.00524
266.90	0.00778	0.01413	0.00538	0.00607	0.00644	0.00676
166.90	0.01077	0.01840	0.00614	0.00732	0.00879	0.01002
66.90	0.01730	0.02565	0.00690	0.00852	0.01062	0.01356
-33.10	0.02326	0.04989	0.00682	0.00881	0.01177	0.01627
-133.10	0.02377	0.08661	0.00625	0.00806	0.01085	0.01543
-233.10	0.01933	0.06497	0.00554	0.00705	0.00931	0.01293
-333.10	0.01550	0.03087	0.00508	0.00646	0.00846	0.01138
-433.10	0.01004	0.01579	0.00474	0.00562	0.00661	0.00794
		0.04024				

-533.10	0.00329	0.00365	0.00417	0.00497	0.00574
0.00590	0.00748	0.01533	0.02279		
-633.10	0.00260	0.00300	0.00343	0.00360	0.00359
0.00438	0.00738	0.01265	0.01429		

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: PRIETO

INCLUDING SOURCE(S): PRIETO ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

Y-COORD (METERS)	175.00	275.00	375.00	X-COORD (METERS) 475.00	575.00
675.00					

766.90	0.00509	0.00524	0.00532	0.00499	0.00459
0.00429					
666.90	0.00629	0.00651	0.00653	0.00599	0.00551
0.00500					
566.90	0.00800	0.00833	0.00819	0.00737	0.00672
0.00573					
466.90	0.01053	0.01103	0.01052	0.00936	0.00814
0.00641					
366.90	0.01453	0.01530	0.01399	0.01219	0.00960
0.00707					
266.90	0.02140	0.02255	0.01959	0.01575	0.01100
0.00817					
166.90	0.03468	0.03607	0.02912	0.01939	0.01326
0.01065					
66.90	0.06595	0.06526	0.04245	0.02513	0.01910
0.01565					
-33.10	0.17203	0.14465	0.06462	0.04390	0.03237
0.02446					
-133.10	1.22401	0.43052	0.17525	0.09111	0.05470
0.03619					
-233.10	1.52766	1.57471	0.40624	0.16066	0.08340
0.05060					
-333.10	0.13870	0.12331	0.18825	0.15188	0.09917
0.06408					
-433.10	0.04759	0.03469	0.04830	0.06158	0.06182
0.05337					
-533.10	0.02405	0.01936	0.01790	0.02522	0.02986
0.03129					
-633.10	0.01458	0.01235	0.00981	0.01214	0.01539
0.01751					

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model

*** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: PRIETO ***
INCLUDING SOURCE(S): PRIETO ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3
**

COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
291.40	55.40	149.30	0.02727	103.80	
524.50	228.80	396.60	0.01355	308.40	
204.70	385.00	655.40	0.00666	-2.40	
1 ***	ISCST3 - VERSION 02035	***	Preliminary 5th Street Model		
***	03/01/04		Fugitive Emissions From Service Bay		
***	11:07:48				
**MODELOPTs:					
PAGE 21					
CONC	URBAN FLAT	FLGPOL	DEFAULT		

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TAXI ***
INCLUDING SOURCE(S): YLLWCAB ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:
GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS)	CONC	CONC	CONC	CONC	CONC
-225.00	-125.00	-725.00	-625.00	-525.00	-425.00	-325.00
766.90	0.00036	0.00037	0.00037	0.00038	0.00040	
0.00044	0.00050	0.00060	0.00077			
666.90	0.00040	0.00045	0.00048	0.00048	0.00049	
0.00052	0.00059	0.00069	0.00089			
566.90	0.00044	0.00049	0.00056	0.00062	0.00066	
0.00067	0.00072	0.00083	0.00103			
466.90	0.00048	0.00055	0.00062	0.00072	0.00084	
0.00094	0.00098	0.00106	0.00128			
366.90	0.00051	0.00060	0.00070	0.00082	0.00097	
0.00117	0.00141	0.00159	0.00175			
266.90	0.00050	0.00059	0.00072	0.00088	0.00110	
0.00138	0.00176	0.00230	0.00295			
166.90	0.00047	0.00056	0.00068	0.00084	0.00108	
0.00142	0.00196	0.00282	0.00425			
66.90	0.00044	0.00052	0.00062	0.00077	0.00098	
0.00128	0.00177	0.00261	0.00427			
-33.10	0.00040	0.00047	0.00056	0.00068	0.00085	
0.00111	0.00150	0.00215	0.00338			
-133.10	0.00037	0.00044	0.00052	0.00064	0.00080	
0.00103	0.00134	0.00174	0.00229			
-233.10	0.00037	0.00043	0.00050	0.00059	0.00069	
0.00080	0.00094	0.00118	0.00136			

-333.10	0.00034	0.00038	0.00042	0.00046	0.00052
0.00061	0.00071	0.00073	0.00084		
-433.10	0.00028	0.00030	0.00033	0.00038	0.00044
0.00046	0.00045	0.00052	0.00078		
-533.10	0.00023	0.00026	0.00030	0.00032	0.00032
0.00031	0.00035	0.00048	0.00081		
-633.10	0.00021	0.00023	0.00024	0.00023	0.00023
0.00025	0.00033	0.00050	0.00076		

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TAXI

INCLUDING SOURCE(S): YLLWCAB ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

Y-COORD (METERS)	175.00	275.00	375.00	X-COORD (METERS)	475.00	575.00
675.00						

766.90	0.00087	0.00098	0.00114	0.00120	0.00123
0.00113					
666.90	0.00111	0.00125	0.00150	0.00160	0.00162
0.00144					
566.90	0.00142	0.00167	0.00207	0.00225	0.00221
0.00192					
466.90	0.00175	0.00238	0.00302	0.00340	0.00318
0.00263					
366.90	0.00224	0.00354	0.00481	0.00573	0.00495
0.00348					
266.90	0.00344	0.00512	0.00882	0.01155	0.00837
0.00454					
166.90	0.00675	0.00988	0.02172	0.03277	0.01365
0.00828					
66.90	0.00823	0.02157	0.10197	0.20552	0.04627
0.01934					
-33.10	0.00606	0.01266	0.03370	0.11979	0.09159
0.03481					
-133.10	0.00320	0.00424	0.01343	0.01177	0.01680
0.01956					
-233.10	0.00160	0.00375	0.00553	0.00488	0.00426
0.00645					
-333.10	0.00149	0.00269	0.00302	0.00266	0.00207
0.00260					
-433.10	0.00143	0.00177	0.00191	0.00169	0.00140
0.00130					
-533.10	0.00115	0.00125	0.00132	0.00117	0.00102
0.00083					
-633.10	0.00088	0.00093	0.00097	0.00087	0.00078

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model

*** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

PAGE 23

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: TAXI

INCLUDING SOURCE(S): YLLWCAB ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF OTHER IN MICROGRAMS/M**3

**

COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
-----------	-------------	-------------	------	-------------	----

	55.40	149.30	0.00403	103.80	
--	-------	--------	---------	--------	--

291.40	0.00266				
--------	---------	--	--	--	--

	228.80	396.60	0.00261	308.40	
--	--------	--------	---------	--------	--

524.50	0.00204				
--------	---------	--	--	--	--

	385.00	655.40	0.00157	-2.40	
--	--------	--------	---------	-------	--

204.70	0.00288				
--------	---------	--	--	--	--

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model

*** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

PAGE 24

CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1

YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

NETWORK

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
----------	--------------	--------------------------

ZFLAG) OF TYPE GRID-ID -----

METRO	1ST HIGHEST VALUE IS	217.78876 AT (-225.00,	66.90,
-------	----------------------	----------------	----------	--------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	2ND HIGHEST VALUE IS	185.99438 AT (-225.00,	166.90,
--	----------------------	----------------	----------	---------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	3RD HIGHEST VALUE IS	80.02150 AT (-125.00,	66.90,
--	----------------------	---------------	----------	--------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	4TH HIGHEST VALUE IS	44.85357 AT (-125.00,	166.90,
--	----------------------	---------------	----------	---------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	5TH HIGHEST VALUE IS	30.78963 AT (-225.00,	-33.10,
--	----------------------	---------------	----------	---------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	6TH HIGHEST VALUE IS	26.29359 AT (-25.00,	66.90,
--	----------------------	---------------	---------	--------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	7TH HIGHEST VALUE IS	25.85194 AT (-325.00,	66.90,
--	----------------------	---------------	----------	--------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	8TH HIGHEST VALUE IS	25.37249 AT (-325.00,	166.90,
--	----------------------	---------------	----------	---------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	9TH HIGHEST VALUE IS	18.17266 AT (-125.00,	-33.10,
--	----------------------	---------------	----------	---------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

	10TH HIGHEST VALUE IS	16.36655 AT (-225.00,	266.90,
--	-----------------------	---------------	----------	---------

0.00,	2.00) GC GRD2			
-------	---------------	--	--	--

TACO	1ST HIGHEST VALUE IS	0.12834 AT (	75.00,	766.90,
0.00,	2.00) GC GRD2			
	2ND HIGHEST VALUE IS	0.09851 AT (	-25.00,	766.90,
0.00,	2.00) GC GRD2			
	3RD HIGHEST VALUE IS	0.07124 AT (	175.00,	666.90,
0.00,	2.00) GC GRD2			
	4TH HIGHEST VALUE IS	0.06377 AT (	75.00,	666.90,
0.00,	2.00) GC GRD2			
	5TH HIGHEST VALUE IS	0.03892 AT (	175.00,	766.90,
0.00,	2.00) GC GRD2			
	6TH HIGHEST VALUE IS	0.03306 AT (	-25.00,	666.90,
0.00,	2.00) GC GRD2			
	7TH HIGHEST VALUE IS	0.02925 AT (	275.00,	666.90,
0.00,	2.00) GC GRD2			
	8TH HIGHEST VALUE IS	0.01742 AT (	-125.00,	766.90,
0.00,	2.00) GC GRD2			
	9TH HIGHEST VALUE IS	0.01672 AT (	275.00,	766.90,
0.00,	2.00) GC GRD2			
	10TH HIGHEST VALUE IS	0.01530 AT (	275.00,	566.90,
0.00,	2.00) GC GRD2			

PRIETO	1ST HIGHEST VALUE IS	1.57471 AT (	275.00,	-233.10,
0.00,	2.00) GC GRD2			
	2ND HIGHEST VALUE IS	1.52766 AT (	175.00,	-233.10,
0.00,	2.00) GC GRD2			
	3RD HIGHEST VALUE IS	1.22401 AT (	175.00,	-133.10,
0.00,	2.00) GC GRD2			
	4TH HIGHEST VALUE IS	0.43052 AT (	275.00,	-133.10,
0.00,	2.00) GC GRD2			
	5TH HIGHEST VALUE IS	0.40624 AT (	375.00,	-233.10,
0.00,	2.00) GC GRD2			
	6TH HIGHEST VALUE IS	0.24151 AT (	75.00,	-133.10,
0.00,	2.00) GC GRD2			
	7TH HIGHEST VALUE IS	0.18825 AT (	375.00,	-333.10,
0.00,	2.00) GC GRD2			
	8TH HIGHEST VALUE IS	0.17861 AT (	75.00,	-233.10,
0.00,	2.00) GC GRD2			
	9TH HIGHEST VALUE IS	0.17525 AT (	375.00,	-133.10,
0.00,	2.00) GC GRD2			
	10TH HIGHEST VALUE IS	0.17203 AT (	175.00,	-33.10,
0.00,	2.00) GC GRD2			

1 *** ISCST3 - VERSION 02035 ***
 *** 03/01/04

*** Preliminary 5th Street Model

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1

YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

NETWORK

GROUP ID

AVERAGE CONC

RECEPTOR (XR, YR, ZELEV,

ZFLAG) OF TYPE GRID-ID

TAXI	1ST HIGHEST VALUE IS	0.20552 AT (	475.00,	66.90,
0.00,	2.00) GC GRD2			
	2ND HIGHEST VALUE IS	0.11979 AT (	475.00,	-33.10,
0.00,	2.00) GC GRD2			

0.00,	3RD HIGHEST VALUE IS	0.10197 AT (	375.00,	66.90,
	2.00) GC GRD2			
0.00,	4TH HIGHEST VALUE IS	0.09159 AT (	575.00,	-33.10,
	2.00) GC GRD2			
0.00,	5TH HIGHEST VALUE IS	0.04627 AT (	575.00,	66.90,
	2.00) GC GRD2			
0.00,	6TH HIGHEST VALUE IS	0.03481 AT (	675.00,	-33.10,
	2.00) GC GRD2			
0.00,	7TH HIGHEST VALUE IS	0.03370 AT (	375.00,	-33.10,
	2.00) GC GRD2			
0.00,	8TH HIGHEST VALUE IS	0.03277 AT (	475.00,	166.90,
	2.00) GC GRD2			
0.00,	9TH HIGHEST VALUE IS	0.02172 AT (	375.00,	166.90,
	2.00) GC GRD2			
0.00,	10TH HIGHEST VALUE IS	0.02157 AT (	275.00,	66.90,
	2.00) GC GRD2			

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 03/01/04

*** Fugitive Emissions From Service Bay

*** 11:07:48

**MODELOPTs:

PAGE 26

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 7 Warning Message(s)
 A Total of 1062 Informational Message(s)
 A Total of 1062 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 SO W320 42 APARM :Input Parameter May Be Out-of-Range for Parameter QS
 RE W216 64 RECAR:FLAG Input Inconsistent With Option: Defaults Used GRD2
 RE W228 65 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
 RE W228 67 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
 RE W228 69 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
 RE W228 71 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
 RE W228 73 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART

 *** ISCST3 Finishes Successfully ***

FUEL DISPENSER

ISCST3X PC (32 BIT) VERSION 4.0.1

(C) COPYRIGHT 1991-2002, Trinity Consultants

Run Began on 2/29/2004 at 23:19:25

** BREEZE ISC GIS Pro v4.0.13 - C:\SWAPE\Projects\Omnitrans\Appendix G\prelim 5th
street fueling island.dat
** Trinity Consultants

CO STARTING
CO TITLEONE Preliminary 5th Street Model
CO TITLETWO TOG Only
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID TOG
CO TERRHGTs FLAT
CO FLAGPOLE 2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION METRO AREA -280.0 197.7 0
** SRCDESCR Metro Station Repair Bays
SO LOCATION YLLWCAB AREA 445.4 52.9 0
** SRCDESCR Yellow Cab/Bell Cabstop
SO LOCATION TACOKID AREAPOLY 37.9 742.4 0
** SRCDESCR Taco Kid
SO LOCATION PRIETO AREAPOLY 171.1 -161.3 0
** SRCDESCR Prieto Auto Body
SO LOCATION Island AREA -110.6 185.9 0
** SRCDESCR Fueling Islands
SO SRCPARAM METRO 0.000000E+00 0 193.4 278.6 89.1 0
SO SRCPARAM YLLWCAB 0.000000E+00 0 22.3 49.00002 180 0
SO SRCPARAM TACOKID 0.000000E+00 0 6 0
SO AREAVERT TACOKID 37.9 742.4 23.2 742.4 23.2 737.9 18.0 737.5
SO AREAVERT TACOKID 18.0 731.3 38.2 731.3
SO SRCPARAM PRIETO 0.000000E+00 0 5 0
SO AREAVERT PRIETO 171.1 -161.3 202.5 -162.0 205.3 -221.9 176.0 -220.5
SO AREAVERT PRIETO 175.3 -160.6
SO SRCPARAM Island 2.424179E-05 1 17 23.9 90 0
SO EMISFACT YLLWCAB HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1
SO EMISFACT YLLWCAB HROFDY 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0
SO EMISFACT YLLWCAB HROFDY 0.0 0.0 0.0 0.0
SO EMISFACT TACOKID HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.07692 0.07692
0.07692
SO EMISFACT TACOKID HROFDY 0.07692 0.07692 0.07692 0.07692 0.07692 0.07692
SO EMISFACT TACOKID HROFDY 0.07692 0.07692 0.07692 0.07692 0.0 0.0 0.0
SO EMISFACT TACOKID HROFDY 0.0 0.0
SO EMISFACT PRIETO HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1 0.1
SO EMISFACT PRIETO HROFDY 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0
SO EMISFACT PRIETO HROFDY 0.0 0.0 0.0 0.0
SO SRCGROUP SRC7 PRIETO
SO SRCGROUP SRC10 TACOKID
SO SRCGROUP SRC11 YLLWCAB
SO SRCGROUP SRC12 METRO
SO SRCGROUP Island Island
SO FINISHED

RE STARTING
RE GRIDCART GRD2 STA 0
** GRDDESCR 100 Meter Cartesian Grid
RE GRIDCART GRD2 XYINC -725.0 15 100.0 -633.1 15 100.0
RE GRIDCART GRD2 END
RE DISCCART 55.4 149.3

```

** RCPDESCR 500 ft receptor
RE DISCCART 103.8 291.4
** RCPDESCR 1000 ft receptor
RE DISCCART 228.8 396.6
** RCPDESCR 1500 ft receptor
RE DISCCART 308.4 524.5
** RCPDESCR 2000 ft receptor
RE DISCCART 385.0 655.4
** RCPDESCR 2500 ft receptor
RE DISCCART -2.4 204.7 2
** RCPDESCR Worst Case Receptor
RE FINISHED

ME STARTING
ME INPUTFIL "C:\SWAPE\PROJECTS\MET DATA\RIVERSD.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 54139 1981
ME UAIRDATA 99999 1981
ME STARTEND 1981 01 01 1 1981 12 31 24
ME FINISHED

OU STARTING
OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0
** IMAGE2 "C:\DOCUMENTS AND SETTINGS\JCLARK\DESKTOP\SB02-576_606_BW COPY.TAB"
** BMP "C:\DOCUMENTS AND SETTINGS\JCLARK\DESKTOP\SB02-576_606_BW COPY.JPG" -
1954.27778533101 -2048.59353366494 0.4623321
** OUTFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\prelim 5th street fueling
island.lst"
** RAWFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\prelim 5th street fueling
island.RAW"
** RAWFMT 2
** HILLBOUN 0 0 0 0

** POLLUTNT IDN 01 OTHER
** POLLUTNT NAM 01 Other
** POLLUTNT IDN 02 H2S
** POLLUTNT NAM 02 Hydrogen Sulfide
** POLLUTNT IDN 03 MEMERC
** POLLUTNT NAM 03 Methyl Mercaptan
** POLLUTNT IDN 04 TOG X
** POLLUTNT NAM 04 TOG
** POLLUTNT EMS METRO 1.216027E-06 0 0 0
** POLLUTNT EMS YLLWCAB 3.392130E-05 0 0 0
** POLLUTNT EMS TACOKID 1.221167E-04 0 0 0
** POLLUTNT EMS PRIETO 1.587517E-04 0 0 0
** POLLUTNT EMS Island 0 0 0 2.424179E-05

** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD2
** BUILDING NAM Washing Station
** BUILDING REC -167.0 185.9 24.7 24.7 90.0
** BUILDING BLD 0 0 0 12.192 4
** BUILDING IDN BLD3
** BUILDING NAM Main Building
** BUILDING REC -210.4 133.2 59.8 73.8 90.0
** BUILDING BLD 0 0 0 9.144 10
** BUILDING IDN BLD4
** BUILDING NAM Service Bays
** BUILDING CRN -237.8 179.8
** BUILDING CRN -236.9 67.4
** BUILDING CRN -183.0 66.9
** BUILDING CRN -182.5 72.9
** BUILDING CRN -210.4 73.4
** BUILDING CRN -210.4 132.4
** BUILDING CRN -190.0 132.4

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** BUILDING CRN -190.0 181.2
** BUILDING CRN -190.0 181.2
** BUILDING CRN -237.4 180.7
** BUILDING BLD 0 0 0 9.144 9
** BUILDING IDN BLD5
** BUILDING NAM Front Office of Omnitrans
** BUILDING CRN -157.9 72.9
** BUILDING CRN -159.8 26.9
** BUILDING CRN -152.4 23.2
** BUILDING CRN -113.8 21.9
** BUILDING CRN -114.3 24.2
** BUILDING CRN -94.3 24.6
** BUILDING CRN -94.3 46.9
** BUILDING CRN -141.2 48.3
** BUILDING CRN -141.2 74.3
** BUILDING BLD 0 0 0 3.048 4
** BUILDING IDN BLD6
** BUILDING NAM Guard Shack
** BUILDING REC -17.1 51.2 5.8 6.7 90.0
** BUILDING BLD 0 0 0 3.6576 4
** BUILDING IDN BLD7
** BUILDING NAM LNG Storage Facility
** BUILDING REC -271.1 186.7 29.3 14.4 90.0
** BUILDING BLD 0 0 0 9.144 12
** BUILDING IDN BLD8
** BUILDING NAM Main School Bldg
** BUILDING CRN 43.2 390.6
** BUILDING CRN 43.2 370.6
** BUILDING CRN 51.6 370.1
** BUILDING CRN 51.1 377.1
** BUILDING CRN 131.9 376.7
** BUILDING CRN 131.4 369.7
** BUILDING CRN 141.2 371.1
** BUILDING CRN 140.3 405.9
** BUILDING CRN 130.5 405.9
** BUILDING CRN 131.0 397.5
** BUILDING CRN 52.0 397.5
** BUILDING CRN 52.0 392.5
** BUILDING BLD 0 0 0 3.6576 4
** BUILDING IDN BLD9
** BUILDING NAM Annex 1
** BUILDING REC 23.3 381.3 9.8 14.4 90.0
** BUILDING BLD 0 0 0 3.6576 8
** BUILDING IDN BLD10
** BUILDING NAM Annex 2
** BUILDING CRN 68.3 360.4
** BUILDING CRN 73.9 355.3
** BUILDING CRN 64.6 346.9
** BUILDING CRN 80.4 333.4
** BUILDING CRN 87.8 342.7
** BUILDING CRN 91.5 340.4
** BUILDING CRN 100.8 349.7
** BUILDING CRN 76.6 371.5
** BUILDING BLD 0 0 0 0 4
** BUILDING IDN BLD11
** BUILDING NAM Annex 3
** BUILDING CRN 90.6 375.7
** BUILDING CRN 91.0 359.9
** BUILDING CRN 111.9 359.5
** BUILDING CRN 111.5 378.0
** BUILDING BLD 0 0 0 3.6576 13
** BUILDING IDN BLD12
** BUILDING NAM Annex 4
** BUILDING CRN 107.3 360.8
** BUILDING CRN 98.0 349.7
** BUILDING CRN 129.6 323.7
** BUILDING CRN 137.0 330.7

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** BUILDING CRN 140.7 326.9
** BUILDING CRN 156.5 343.2
** BUILDING CRN 145.4 353.9
** BUILDING CRN 140.3 349.2
** BUILDING CRN 129.6 359.9
** BUILDING CRN 126.3 358.5
** BUILDING CRN 119.8 364.1
** BUILDING CRN 117.0 361.3
** BUILDING CRN 112.4 365.5

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 10 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 35 APARM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 36 APARM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 37 APPARM:Input Parameter May Be Out-of-Range for Parameter QS
SO W320 40 APPARM:Input Parameter May Be Out-of-Range for Parameter QS
RE W216 65 RECAR:FLAG Input Inconsistent With Option: Defaults Used GRD2
RE W228 66 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 68 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 70 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 72 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 74 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART

*** SETUP Finishes Successfully ***

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*** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

- | Y-DIM | ORIENT. | NUMBER | EMISSION RATE | COORD (SW CORNER) | BASE | RELEASE | X-DIM |
|--------------|---------|--------------|---------------|-------------------|----------|----------|----------|
| SOURCE | PART. | (GRAMS/SEC | X | Y | ELEV. | HEIGHT | OF AREA |
| AREA OF AREA | SZ | SCALAR VARY | | | | | OF |
| ID | CATS. | /METER**2) | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | (DEG.) | (METERS) | BY | | | | |
| - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - |
| METRO | 0 | 0.000000E+00 | -280.0 | 197.7 | 0.0 | 0.00 | 193.40 |
| 278.60 | 89.10 | 0.00 | | | | | |

YLLWCAB	0	0.00000E+00	445.4	52.9	0.0	0.00	22.30
49.00	180.00	0.00	HROFDY				
ISLAND	0	0.24242E-04	-110.6	185.9	0.0	1.00	17.00
23.90	90.00	0.00					

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*** AREAPOLY SOURCE DATA ***

INIT.	EMISSION RATE	LOCATION OF AREA	BASE	RELEASE	NUMBER		
SOURCE	PART. (GRAMS/SEC	X	Y	ELEV.	HEIGHT OF VERTS.		
SZ	SCALAR VARY						
ID	CATS. /METER**2)	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)	BY						
TACOKID	0	0.00000E+00	37.9	742.4	0.0	0.00	6
0.00	HROFDY						
PRIETO	0	0.00000E+00	171.1	-161.3	0.0	0.00	5
0.00	HROFDY						

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
SRC7	PRIETO ,
SRC10	TACOKID ,
SRC11	YLLWCAB ,
SRC12	METRO ,

ISLAND	ISLAND	
--------	--------	--

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* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR

OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR


```

SOURCE ID = YLLWCAB ; SOURCE TYPE = AREA :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+00 9 .10000E+00 10 .10000E+00
11 .10000E+00 12 .10000E+00
13 .10000E+00 14 .10000E+00 15 .10000E+00 16 .10000E+00
17 .10000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = TACOKID ; SOURCE TYPE = AREAPOLY :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .76920E-01 8 .76920E-01 9 .76920E-01 10 .76920E-01
11 .76920E-01 12 .76920E-01
13 .76920E-01 14 .76920E-01 15 .76920E-01 16 .76920E-01
17 .76920E-01 18 .76920E-01
19 .76920E-01 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

```

SOURCE ID = PRIETO ; SOURCE TYPE = AREAPOLY :
1 .00000E+00 2 .00000E+00 3 .00000E+00 4 .00000E+00
5 .00000E+00 6 .00000E+00
7 .00000E+00 8 .10000E+00 9 .10000E+00 10 .10000E+00
11 .10000E+00 12 .10000E+00
13 .10000E+00 14 .10000E+00 15 .10000E+00 16 .10000E+00
17 .10000E+00 18 .00000E+00
19 .00000E+00 20 .00000E+00 21 .00000E+00 22 .00000E+00
23 .00000E+00 24 .00000E+00

```

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```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

```

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART
***

```

*** X-COORDINATES OF GRID ***
(METERS)

-25.0,	-725.0,	-625.0,	-525.0,	-425.0,	-325.0,	-225.0,	-125.0,
	75.0,	175.0,					
	275.0,	375.0,	475.0,	575.0,	675.0,		

*** Y-COORDINATES OF GRID ***
(METERS)

-633.1, -533.1, -433.1, -333.1, -233.1, -133.1, -33.1,
 66.9, 166.9, 266.9,
 366.9, 466.9, 566.9, 666.9, 766.9,
 1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
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URBAN FLAT FLGPOL DFAULT

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)		-725.00	-625.00	-525.00	X-COORD (METERS)	
		-125.00	-25.00	75.00	-425.00	-325.00
766.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
666.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
566.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
466.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
366.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
266.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
166.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
66.90	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
-33.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
-133.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
-233.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
-333.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
-433.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
-533.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00
-633.10		2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00	2.00	2.00	2.00

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URBAN FLAT FLGPOL DFAULT

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	175.00	275.00	375.00	X-COORD (METERS)	
				475.00	575.00
675.00					

2.00	766.90	2.00	2.00	2.00	2.00
2.00	666.90	2.00	2.00	2.00	2.00
2.00	566.90	2.00	2.00	2.00	2.00
2.00	466.90	2.00	2.00	2.00	2.00
2.00	366.90	2.00	2.00	2.00	2.00
2.00	266.90	2.00	2.00	2.00	2.00
2.00	166.90	2.00	2.00	2.00	2.00
2.00	66.90	2.00	2.00	2.00	2.00
2.00	-33.10	2.00	2.00	2.00	2.00
2.00	-133.10	2.00	2.00	2.00	2.00
2.00	-233.10	2.00	2.00	2.00	2.00
2.00	-333.10	2.00	2.00	2.00	2.00
2.00	-433.10	2.00	2.00	2.00	2.00
2.00	-533.10	2.00	2.00	2.00	2.00
2.00	-633.10	2.00	2.00	2.00	2.00

```

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```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```

(55.4,	149.3,	0.0,	2.0);	(103.8,	291.4,
0.0,	2.0);				
(228.8,	396.6,	0.0,	2.0);	(308.4,	524.5,
0.0,	2.0);				
(385.0,	655.4,	0.0,	2.0);	(-2.4,	204.7,
0.0,	2.0);				

```

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```

*** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
(1=YES; 0=NO)

```

```

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1981    1   1
AND END DATE: 1981   12  31

```

```

CATEGORIES ***
*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
(METERS/SEC)

```

*** WIND PROFILE EXPONENTS ***

```
GRADIENTS ***                               *** VERTICAL POTENTIAL TEMPERATURE
```

(DEGREES KELVIN PER METER)

STABILITY		WIND SPEED CATEGORY		
CATEGORY	1	2	3	4
5	6			
A	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	.00000E+00	.00000E+00		
B	.00000E+00	.00000E+00	.00000E+00	
.00000E+00	.00000E+00	.00000E+00		

*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

IPCODE PRATE					FLOW	SPEED	TEMP	STAB	MIXING	HEIGHT (M)	USTAR	M-O	LENGTH	Z-0
YR	MN	DY	HR	VECTOR	(M/S)	(K)	CLASS	RURAL	URBAN	(M/S)		(M)		(M)
(mm/HR)														
0	81	01	01	01	202.3	1.00	284.3	7	522.6	170.0	0.0000		0.0	0.0000
0	81	01	01	02	192.4	0.00	284.3	7	507.0	170.0	0.0000		0.0	0.0000
0	81	01	01	03	197.5	0.00	283.1	7	491.4	170.0	0.0000		0.0	0.0000
0	81	01	01	04	211.0	0.00	283.1	7	475.8	170.0	0.0000		0.0	0.0000
0	81	01	01	05	174.0	1.00	282.6	7	460.3	170.0	0.0000		0.0	0.0000
0	81	01	01	06	207.0	1.00	283.1	7	444.7	170.0	0.0000		0.0	0.0000
0	81	01	01	07	207.0	0.00	285.4	6	1.4	170.7	0.0000		0.0	0.0000
0	81	01	01	08	202.1	0.00	287.6	5	47.0	192.0	0.0000		0.0	0.0000
0	81	01	01	09	231.5	1.00	289.8	4	92.5	213.3	0.0000		0.0	0.0000
0	81	01	01	10	9.1	1.00	291.5	3	138.0	234.7	0.0000		0.0	0.0000
0	81	01	01	11	359.1	1.34	294.3	2	183.5	256.0	0.0000		0.0	0.0000
0	81	01	01	12	350.6	0.00	297.6	2	229.0	277.3	0.0000		0.0	0.0000
0	81	01	01	13	19.7	2.24	298.7	3	274.5	298.7	0.0000		0.0	0.0000
0	81	01	01	14	56.7	2.68	299.8	3	320.0	320.0	0.0000		0.0	0.0000
0	81	01	01	15	89.8	2.68	299.3	3	320.0	320.0	0.0000		0.0	0.0000
0	81	01	01	16	98.2	3.13	298.7	4	320.0	320.0	0.0000		0.0	0.0000
0	81	01	01	17	87.6	1.79	295.4	5	325.6	318.5	0.0000		0.0	0.0000

81	01	01	18	75.1	1.00	291.5	6	357.2	310.3	0.0000	0.0	0.0000
0				0.00								
81	01	01	19	110.5	1.00	289.8	7	388.8	302.1	0.0000	0.0	0.0000
0				0.00								
81	01	01	20	235.7	1.00	287.0	7	420.4	293.9	0.0000	0.0	0.0000
0				0.00								
81	01	01	21	246.1	1.00	286.5	7	452.0	285.7	0.0000	0.0	0.0000
0				0.00								
81	01	01	22	204.5	1.00	287.0	7	483.5	277.4	0.0000	0.0	0.0000
0				0.00								
81	01	01	23	203.2	0.00	285.9	7	515.1	269.2	0.0000	0.0	0.0000
0				0.00								
81	01	01	24	202.2	0.00	285.4	7	546.7	261.0	0.0000	0.0	0.0000
0				0.00								

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
 1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
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*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: SRC7
 INCLUDING SOURCE(S): PRIETO ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:
 GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3
 **

Y-COORD (METERS)		-725.00	-625.00	-525.00	X-COORD (METERS)	
-225.00	-125.00	-25.00	75.00		-425.00	-325.00
766.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
666.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
566.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
466.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
366.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
266.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
166.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
66.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
-33.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
-133.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
-233.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000
-333.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	|	0.00000	0.00000	0.00000	0.00000	0.00000

-433.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
-533.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
-633.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRC7

INCLUDING SOURCE(S): PRIETO ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3

**

Y-COORD (METERS)	175.00	275.00	375.00	475.00	575.00
675.00					

766.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
666.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
566.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
466.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
366.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
266.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
166.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
66.90	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
-33.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
-133.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
-233.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
-333.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
-433.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
-533.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					
-633.10	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000					

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT


```

*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRC10 ***
INCLUDING SOURCE(S):          TACOKID ,

*** NETWORK ID: GRD2          ; NETWORK TYPE:
GRIDCART ***

```

-333.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-433.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-533.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-633.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: SRC10

INCLUDING SOURCE(S): TACOKID ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3

**

Y-COORD	|				X-COORD (METERS)
(METERS)	|	175.00	275.00	375.00	475.00 575.00
675.00					

766.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
666.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
566.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
466.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
366.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
266.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
166.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
66.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-33.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-133.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-233.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-333.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-433.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-533.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-633.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRC10

INCLUDING SOURCE(S): TACOKID ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF TOG IN MICROGRAMS/M**3

**

COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
-----------	-------------	-------------	------	-------------	----

	55.40	149.30	0.00000	103.80	
291.40	0.00000				
	228.80	396.60	0.00000	308.40	
524.50	0.00000				
	385.00	655.40	0.00000	-2.40	
204.70	0.00000				

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model

*** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRC11

INCLUDING SOURCE(S): YLLWCAB ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3

**

Y-COORD (METERS)		-725.00	-625.00	-525.00	X-COORD (METERS)	
------------------	--	---------	---------	---------	------------------	--

766.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
666.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
566.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
466.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
366.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
266.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
166.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
66.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		
-33.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000		

-133.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-233.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-333.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-433.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-533.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-633.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model

*** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: SRC11

INCLUDING SOURCE(S): YLLWCAB ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3

**

Y-COORD	|				X-COORD (METERS)
(METERS)	|	175.00	275.00	375.00	475.00 575.00
675.00					

766.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
666.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
566.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
466.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
366.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
266.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
166.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
66.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-33.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-133.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-233.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-333.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-433.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-533.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-633.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						

66.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-33.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-133.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-233.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-333.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-433.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-533.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		
-633.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000		0.00000	0.00000	0.00000		

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: SRC12 ***

INCLUDING SOURCE(S): METRO ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3

Y-COORD (METERS)	|	175.00	275.00	375.00	475.00	575.00
675.00						

766.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
666.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
566.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
466.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
366.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
266.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
166.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
66.90	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-33.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-133.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-233.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-333.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						
-433.10	|	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000						

-533.10 | 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000
-633.10 | 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SRC12 ***
INCLUDING SOURCE(S): METRO ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF TOG IN MICROGRAMS/M**3
**

COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-
	55.40	149.30	0.00000	103.80	
291.40	0.00000				
	228.80	396.60	0.00000	308.40	
524.50	0.00000				
	385.00	655.40	0.00000	-2.40	
204.70	0.00000				

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ISLAND ***
INCLUDING SOURCE(S): ISLAND ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:
GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3
**

Y-COORD (METERS)	X-COORD (METERS)
-225.00	-725.00
-125.00	-625.00
-25.00	-525.00
75.00	-425.00
	-325.00

766.90	0.00692	0.00723	0.00831	0.01046	0.01267
0.01695	0.02168	0.02059	0.01697		
666.90	0.00958	0.00964	0.01023	0.01257	0.01624
0.02196	0.03021	0.02820	0.02308		
566.90	0.01387	0.01439	0.01457	0.01591	0.02154
0.02985	0.04546	0.04124	0.03415		
466.90	0.01875	0.02191	0.02429	0.02508	0.02903
0.04453	0.07713	0.06700	0.05077		
366.90	0.02319	0.02960	0.03848	0.04914	0.05499
0.07435	0.16106	0.13701	0.05809		

266.90	|	0.02697	0.03594	0.05078	0.07804	0.13341
0.22061	0.52297	0.30357	0.14411			
166.90	|	0.03054	0.04169	0.06109	0.09984	0.19759
0.59237	7.00548	2.99426	0.50113			
66.90	|	0.02965	0.03949	0.05507	0.08049	0.12972
0.24958	0.88516	0.56913	0.42914			
-33.10	|	0.02490	0.03063	0.04004	0.05719	0.07847
0.17059	0.30674	0.24836	0.14379			
-133.10	|	0.02002	0.02552	0.03183	0.03919	0.06278
0.10826	0.15580	0.14581	0.08965			
-233.10	|	0.01771	0.02034	0.02393	0.03311	0.05540
0.06927	0.09521	0.09451	0.06361			
-333.10	|	0.01425	0.01635	0.02090	0.03126	0.04312
0.05027	0.06487	0.06598	0.04955			
-433.10	|	0.01200	0.01461	0.01988	0.02830	0.03258
0.03908	0.04745	0.04876	0.03983			
-533.10	|	0.01090	0.01388	0.01915	0.02389	0.02561
0.03146	0.03647	0.03763	0.03264			
-633.10	|	0.01035	0.01361	0.01762	0.01964	0.02111
0.02592	0.02907	0.03003	0.02719			

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION
 VALUES FOR SOURCE GROUP: ISLAND ***

INCLUDING SOURCE(S): ISLAND ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF TOG IN MICROGRAMS/M**3

**

Y-COORD (METERS)	|	175.00	275.00	375.00	X-COORD (METERS) 475.00	575.00
675.00	|					

766.90	|	0.01580	0.01292	0.00879	0.00607	0.00475
0.00443						
666.90	|	0.02043	0.01360	0.00865	0.00657	0.00628
0.00649						
566.90	|	0.02387	0.01349	0.00987	0.00972	0.00978
0.00912						
466.90	|	0.02433	0.01696	0.01696	0.01562	0.01351
0.01181						
366.90	|	0.03780	0.03432	0.02760	0.02300	0.01977
0.01716						
266.90	|	0.09378	0.06658	0.04869	0.03672	0.02856
0.02284						
166.90	|	0.20084	0.10908	0.06911	0.04806	0.03556
0.02750						
66.90	|	0.26524	0.15411	0.09703	0.06564	0.04708
0.03537						
-33.10	|	0.12878	0.11942	0.09227	0.06893	0.05235
0.04069						
-133.10	|	0.06574	0.06116	0.06269	0.05689	0.04790
0.03945						
-233.10	|	0.04887	0.03821	0.03609	0.03775	0.03710
0.03398						

-333.10 |	0.03693	0.03091	0.02526	0.02405	0.02515
0.02563					
-433.10 |	0.02988	0.02510	0.02139	0.01808	0.01732
0.01800					
-533.10 |	0.02539	0.02067	0.01836	0.01575	0.01367
0.01314					
-633.10 |	0.02200	0.01777	0.01558	0.01404	0.01214
0.01075					

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ISLAND

INCLUDING SOURCE(S): ISLAND ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF TOG IN MICROGRAMS/M**3

**

COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
291.40	55.40	149.30	0.76810	103.80	
524.50	228.80	396.60	0.02863	308.40	
204.70	385.00	655.40	0.00835	-2.40	

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1

YRS) RESULTS ***

** CONC OF TOG IN MICROGRAMS/M**3

**

NETWORK

GROUP ID	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
----------	---------	---------	--------------	--------------------------

SRC7	1ST HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	2ND HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	3RD HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	4TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			

0.00,	5TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	6TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	7TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	8TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	9TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	10TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			

SRC10	1ST HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	2ND HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	3RD HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	4TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	5TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	6TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	7TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	8TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	9TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	10TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			

SRC11	1ST HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	2ND HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	3RD HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	4TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	5TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	6TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	7TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	8TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	9TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			
	10TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
0.00,	0.00)			

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
 *** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1

YRS) RESULTS ***

** CONC OF TOG IN MICROGRAMS/M**3

**

NETWORK GROUP ID ZFLAG)	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
SRC12	1ST HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	2ND HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	3RD HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	4TH HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	5TH HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	6TH HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	7TH HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	8TH HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	9TH HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
	10TH HIGHEST VALUE IS		0.00000 AT (	0.00, 0.00,
0.00,	0.00)			
ISLAND	1ST HIGHEST VALUE IS		7.00548 AT (	-125.00, 166.90,
0.00,	2.00) GC GRD2			
	2ND HIGHEST VALUE IS		2.99426 AT (	-25.00, 166.90,
0.00,	2.00) GC GRD2			
	3RD HIGHEST VALUE IS		0.88516 AT (	-125.00, 66.90,
0.00,	2.00) GC GRD2			
	4TH HIGHEST VALUE IS		0.79316 AT (	-2.40, 204.70,
0.00,	2.00) DC NA			
	5TH HIGHEST VALUE IS		0.76810 AT (	55.40, 149.30,
0.00,	2.00) DC NA			
	6TH HIGHEST VALUE IS		0.59237 AT (	-225.00, 166.90,
0.00,	2.00) GC GRD2			
	7TH HIGHEST VALUE IS		0.56913 AT (	-25.00, 66.90,
0.00,	2.00) GC GRD2			
	8TH HIGHEST VALUE IS		0.52297 AT (	-125.00, 266.90,
0.00,	2.00) GC GRD2			
	9TH HIGHEST VALUE IS		0.50113 AT (	75.00, 166.90,
0.00,	2.00) GC GRD2			
	10TH HIGHEST VALUE IS		0.42914 AT (	75.00, 66.90,
0.00,	2.00) GC GRD2			

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** Preliminary 5th Street Model
*** 02/29/04

*** TOG Only

*** 23:19:26

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 10 Warning Message(s)
A Total of 1062 Informational Message(s)

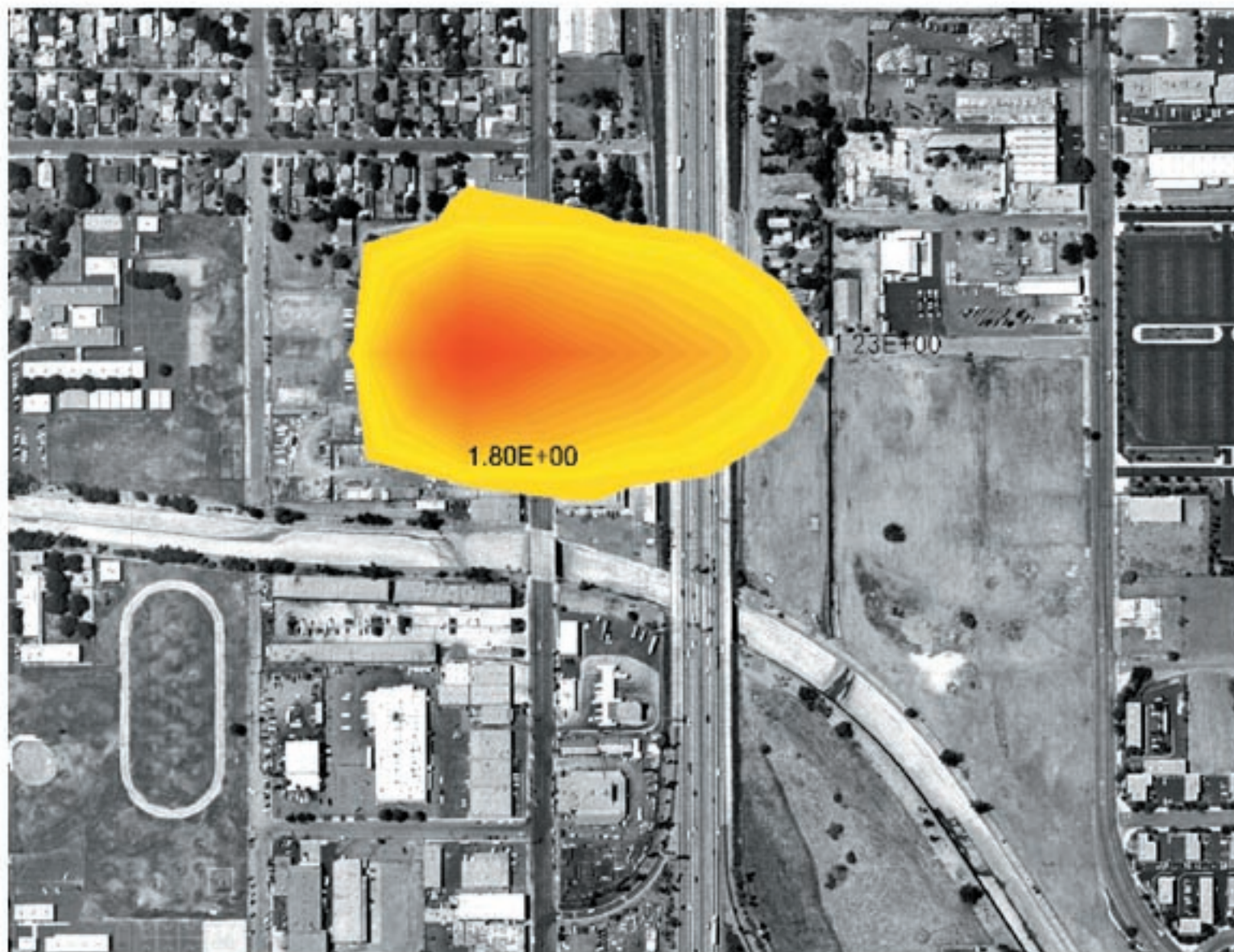
A Total of 1062 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W320 35 APARM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 36 APARM :Input Parameter May Be Out-of-Range for Parameter QS
SO W320 37 APPARM:Input Parameter May Be Out-of-Range for Parameter QS
SO W320 40 APPARM:Input Parameter May Be Out-of-Range for Parameter QS
RE W216 65 RECAR:FLAG Input Inconsistent With Option: Defaults Used GRD2
RE W228 66 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 68 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 70 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 72 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART
RE W228 74 DISCAR:Default(s) Used for Missing Parameters on Keyword DISCCART

*** ISCST3 Finishes Successfully ***

I STREET STATION MODELING RESULTS



PREPARED SOLELY FOR THE USE OF OUR CLIENT AND NO
REPRESENTATION OF ANY KIND IS MADE TO OTHER PARTIES WITH
WHICH KOMEX MAY NOT ENTER INTO A CONTRACT

Client:

Project/Site:

Title:

Dispersion Model Results for I Street

Date:

Project No:

Figure No:

ISCST3 - (DATED 02035)

ISCST3X PC (32 BIT) VERSION 4.0.1
(C) COPYRIGHT 1991-2002, Trinity Consultants

Run Began on 2/27/2004 at 15:59:51

** BREEZE ISC GIS Pro v4.0.13 - C:\SWAPE\Projects\Omnitrans\Appendix G\I street
with cartesian.dat
** Trinity Consultants

CO STARTING
CO TITLEONE Preliminary I Street Model
CO TITLETWO Cartesian Coordinate System
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTs FLAT
CO FLAGPOLE 2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION SRC3 AREA 1844.3 -1238.3 0
** SRCDESCR Royal Coach
SO LOCATION SRC2 VOLUME 1875.5 -1298.5 0
** SRCDESCR Gasoline Island
SO SRCPARAM SRC3 6.470000E-05 0 75.8 14.3 90 0
SO SRCPARAM SRC2 1.663508E-02 1 1 1
SO EMISFACT SRC3 HROFDY 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.1
SO EMISFACT SRC3 HROFDY 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0
SO EMISFACT SRC3 HROFDY 0.0 0.0 0.0 0.0
SO SRCGROUP ALL
SO SRCGROUP GRP2 SRC4
SO SRCGROUP GRP1 SRC3
SO FINISHED

RE STARTING
RE GRIDCART GRD2 STA 0
** GRDDSCR Cartesian Grid
RE GRIDCART GRD2 XYINC 1143.5 15 100.0 -2026.1 15 100.0
RE GRIDCART GRD2 END
RE FINISHED

ME STARTING
ME INPUTFIL "C:\SWAPE\PROJECTS\MET DATA\RIVERSD.ASC"
ME ANEMHGHT 10 METERS
ME SURFDATA 54139 1981
ME UAIRDATA 99999 1981
ME STARTEND 1981 01 01 1 1981 12 31 24
ME FINISHED

OU STARTING
OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0
** IMAGE2 "C:\DOCUMENTS AND SETTINGS\JCLARK\DESKTOP\SB02-576_606_BW COPY.TAB"
** BMP "C:\DOCUMENTS AND SETTINGS\JCLARK\DESKTOP\SB02-576_606_BW COPY.JPG" -
1954.27778533101 -2048.59353366494 0.4623321
** OUTFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\I street with cartesian.lst"
** RAWFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\I street with cartesian.RAW"
** RAWFMT 2
** HILLBOUN 0 0 0 0

** POLLUTNT IDN 01 OTHER X

** POLLUTNT NAM 01 Other
** POLLUTNT IDN 02 H2S
** POLLUTNT NAM 02 Hydrogen Sulfide
** POLLUTNT IDN 03 MEMERC
** POLLUTNT NAM 03 Methyl Mercaptan
** POLLUTNT EMS SRC3 6.470000E-05 0 0
** POLLUTNT EMS SRC2 1.663508E-02 0 0

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
SO W319 37 SRCQA :No Sources Included in Specified Source Group: GRP2
RE W216 43 RECAR:FLAG Input Inconsistent With Option: Defaults Used GRD2

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
*** 02/27/04 *** Cartesian Coordinate System
*** 15:59:51
**MODELOPTs:
PAGE 1
CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY

- - - - -
- - - - -

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2


```

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes:      2 Source(s);      3 Source Group(s); and      225
Receptor(s)

**The Model Assumes A Pollutant Type of:  OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
    Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                m for Missing Hours
                                                                b for Both Calm and
Missing Hours

**Misc. Inputs:  Anem. Hgt. (m) =      10.00 ;      Decay Coef. =      0.0000 ;
Rot. Angle =      0.0
                  Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor =      0.10000E+07
                  Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      1.2 MB of RAM.

**Input Runstream File:      C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX G\I STREET
WITH CARTESIAN.DAT
**Output Print File:      C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX G\I STREET
WITH CARTESIAN.LST
1 *** ISCST3 - VERSION 02035 ***      *** Preliminary I Street Model
***      02/27/04
***      15:59:51
***      Cartesian Coordinate System
**MODELOPTs:
PAGE      2
CONC      URBAN FLAT  FLGPOL DFAULT

*** VOLUME SOURCE DATA ***

      NUMBER EMISSION RATE      BASE      RELEASE      INIT.
INIT.  EMISSION RATE
      SOURCE  PART.  (GRAMS/SEC)      X      Y      ELEV.  HEIGHT      SY
SZ      SCALAR VARY
      ID      CATS.      (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)      BY
-----
      SRC2      0      0.16635E-01      1875.5      -1298.5      0.0      1.00      1.00
1.00
1 *** ISCST3 - VERSION 02035 ***      *** Preliminary I Street Model
***      02/27/04
***      15:59:51
***      Cartesian Coordinate System
**MODELOPTs:
PAGE      3
CONC      URBAN FLAT  FLGPOL DFAULT

```

*** AREA SOURCE DATA ***

Y-DIM	ORIENT.	NUMBER	EMISSION	RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM
SOURCE	PART.	(GRAMS/SEC	INIT.	EMISSION	RATE			
AREA	OF AREA	SZ	SCALAR	VARY	X	Y	ELEV.	HEIGHT
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(DEG.)	(METERS)	BY					

SRC3 0 0.64700E-04 1844.3 -1238.3 0.0 0.00 75.80
 14.30 90.00 0.00 HROFDY
 1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04

*** Cartesian Coordinate System

*** 15:59:51

**MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL SRC3 , SRC2 ,

GRP2

GRP1 SRC3 ,
 1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04

*** Cartesian Coordinate System

*** 15:59:51

**MODELOPTs:

PAGE 5

CONC URBAN FLAT FLGPOL DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR
OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------

SOURCE ID = SRC3 ; SOURCE TYPE = AREA :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00
5	.00000E+00	6	.00000E+00				
7	.00000E+00	8	.00000E+00	9	.10000E+00	10	.10000E+00
11	.10000E+00	12	.10000E+00				
13	.10000E+00	14	.10000E+00	15	.10000E+00	16	.10000E+00
17	.10000E+00	18	.10000E+00				
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00
23	.00000E+00	24	.00000E+00				

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04

*** 15:59:51
**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** Cartesian Coordinate System

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

*** X-COORDINATES OF GRID ***
(METERS)

	1143.5,	1243.5,	1343.5,	1443.5,	1543.5,	1643.5,	1743.5,
1843.5,	1943.5,	2043.5,					
	2143.5,	2243.5,	2343.5,	2443.5,	2543.5,		

*** Y-COORDINATES OF GRID ***
(METERS)

	-2026.1,	-1926.1,	-1826.1,	-1726.1,	-1626.1,	-1526.1,	-1426.1,
-1326.1,	-1226.1,	-1126.1,					
	-1026.1,	-926.1,	-826.1,	-726.1,	-626.1,		

1 *** ISCST3 - VERSION 02035 *** Preliminary I Street Model
*** 02/27/04

*** Cartesian Coordinate System

*** 15:59:51
**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)		1143.50	1243.50	1343.50	1443.50	1543.50
1643.50	1743.50	1843.50	1943.50			

-626.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-726.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-826.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-926.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1026.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1126.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1226.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1326.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1426.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1526.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1626.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			

-1726.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1826.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-1926.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			
-2026.10	|	2.00	2.00	2.00	2.00	2.00
2.00	2.00	2.00	2.00			

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04 *** Cartesian Coordinate System

*** 15:59:51

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** NETWORK ID: GRD2 ; NETWORK TYPE: GRIDCART

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)		2043.50	2143.50	2243.50	2343.50	2443.50
2543.50						

-626.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-726.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-826.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-926.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1026.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1126.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1226.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1326.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1426.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1526.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1626.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1726.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1826.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-1926.10	|	2.00	2.00	2.00	2.00	2.00
2.00						
-2026.10	|	2.00	2.00	2.00	2.00	2.00
2.00						

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04 *** Cartesian Coordinate System

*** 15:59:51

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

81	01	01	16	98.2	3.13	298.7	4	320.0	320.0	0.0000	0.0	0.0000
0				0.00								
81	01	01	17	87.6	1.79	295.4	5	325.6	318.5	0.0000	0.0	0.0000
0				0.00								
81	01	01	18	75.1	1.00	291.5	6	357.2	310.3	0.0000	0.0	0.0000
0				0.00								
81	01	01	19	110.5	1.00	289.8	7	388.8	302.1	0.0000	0.0	0.0000
0				0.00								
81	01	01	20	235.7	1.00	287.0	7	420.4	293.9	0.0000	0.0	0.0000
0				0.00								
81	01	01	21	246.1	1.00	286.5	7	452.0	285.7	0.0000	0.0	0.0000
0				0.00								
81	01	01	22	204.5	1.00	287.0	7	483.5	277.4	0.0000	0.0	0.0000
0				0.00								
81	01	01	23	203.2	0.00	285.9	7	515.1	269.2	0.0000	0.0	0.0000
0				0.00								
81	01	01	24	202.2	0.00	285.4	7	546.7	261.0	0.0000	0.0	0.0000
0				0.00								

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
 1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04
 *** Cartesian Coordinate System
 *** 15:59:51
 **MODELOPTs:
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 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): SRC3 , SRC2 ,
 *** NETWORK ID: GRD2 ; NETWORK TYPE:
 GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3
 **

Y-COORD (METERS)		X-COORD (METERS)				
		1143.50	1243.50	1343.50	1443.50	1543.50
1643.50	1743.50	1843.50	1943.50			
-626.10	0.00966	0.00996	0.01086	0.01308	0.01580	
0.01893	0.02458	0.03012	0.02961			
-726.10	0.01278	0.01285	0.01334	0.01509	0.01909	
0.02338	0.03098	0.04005	0.03918			
-826.10	0.01752	0.01794	0.01811	0.01904	0.02287	
0.03018	0.04044	0.05629	0.05460			
-926.10	0.02301	0.02559	0.02724	0.02783	0.02986	
0.03965	0.05576	0.08577	0.08180			
-1026.10	0.02823	0.03376	0.04026	0.04634	0.04922	
0.05499	0.08513	0.14819	0.13719			
-1126.10	0.03254	0.04080	0.05264	0.06984	0.09339	
0.11356	0.14213	0.31994	0.29308			
-1226.10	0.03670	0.04692	0.06259	0.08864	0.13707	
0.24241	0.49230	1.38006	0.68826			
-1326.10	0.04000	0.05181	0.07033	0.10207	0.16393	
0.31201	0.82741	4.88347	5.92175			
-1426.10	0.03860	0.04900	0.06424	0.08713	0.12257	
0.19568	0.34722	1.06516	0.81041			
-1526.10	0.03362	0.04019	0.04919	0.06462	0.08933	
0.12119	0.25887	0.43304	0.39110			

-1626.10	0.02724	0.03308	0.04169	0.05073	0.06287
0.10175	0.16751	0.23514	0.23222		
-1726.10	0.02455	0.02901	0.03297	0.03913	0.05467
0.08938	0.11037	0.14885	0.15186		
-1826.10	0.02127	0.02339	0.02703	0.03479	0.05184
0.06996	0.08124	0.10362	0.10699		
-1926.10	0.01761	0.01998	0.02445	0.03339	0.04674
0.05355	0.06369	0.07687	0.07971		
-2026.10	0.01548	0.01831	0.02343	0.03208	0.03955
0.04251	0.05163	0.05967	0.06193		

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04

*** Cartesian Coordinate System

*** 15:59:51

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): SRC3 , SRC2 ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:
 GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3
 **

Y-COORD (METERS)	2043.50	2143.50	2243.50	2343.50	2443.50
2543.50					

-626.10	0.02537	0.02301	0.02108	0.01625	0.01157
0.00857					
-726.10	0.03269	0.03006	0.02424	0.01650	0.01157
0.00933					
-826.10	0.04484	0.03890	0.02563	0.01662	0.01315
0.01279					
-926.10	0.06691	0.04542	0.02617	0.02027	0.02010
0.01961					
-1026.10	0.09941	0.04788	0.03633	0.03540	0.03138
0.02692					
-1126.10	0.11769	0.08601	0.07225	0.05740	0.04759
0.04028					
-1226.10	0.34949	0.21375	0.14187	0.09919	0.07287
0.05581					
-1326.10	1.13056	0.43335	0.22774	0.14109	0.09654
0.07057					
-1426.10	0.59555	0.46287	0.28917	0.18736	0.12839
0.09247					
-1526.10	0.23530	0.19883	0.19939	0.16530	0.12760
0.09840					
-1626.10	0.14577	0.11213	0.10010	0.10483	0.09969
0.08684					
-1726.10	0.10626	0.08162	0.06636	0.06095	0.06389
0.06450					
-1826.10	0.08329	0.06189	0.05295	0.04431	0.04138
0.04306					
-1926.10	0.06700	0.05071	0.04239	0.03722	0.03193
0.03015					
-2026.10	0.05491	0.04329	0.03506	0.03139	0.02768
0.02425					

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04


```

*** Cartesian Coordinate System
***      15:59:51
**MODELOPTs:
PAGE 13
CONC          URBAN FLAT  FLGPOL DFAULT

*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GRP2
***
INCLUDING SOURCE(S):

*** NETWORK ID: GRD2      ; NETWORK TYPE:

GRIDCART ***

** CONC OF OTHER      IN MICROGRAMS/M**3
**

      Y-COORD |
      (METERS) |      1143.50      1243.50      1343.50      X-COORD (METERS)
1643.50      1743.50      1843.50      1943.50      1443.50      1543.50
-----
- - - - -
      -626.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -726.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -826.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -926.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1026.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1126.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1226.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1326.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1426.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1526.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1626.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1726.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1826.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -1926.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
      -2026.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000      0.00000      0.00000
1 *** ISCST3 - VERSION 02035 ***      *** Preliminary I Street Model
***      02/27/04
*** Cartesian Coordinate System

***      15:59:51
**MODELOPTs:
PAGE 14
CONC          URBAN FLAT  FLGPOL DFAULT

*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: GRP2
***
INCLUDING SOURCE(S):

*** NETWORK ID: GRD2      ; NETWORK TYPE:

GRIDCART ***

```

```

**
** CONC OF OTHER      IN MICROGRAMS/M**3

      Y-COORD |
      (METERS) |      2043.50      2143.50      2243.50      X-COORD (METERS)
2543.50      |      2343.50      2443.50
-----
- - - - -
      -626.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -726.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -826.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -926.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1026.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1126.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1226.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1326.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1426.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1526.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1626.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1726.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1826.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -1926.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
      -2026.10 |      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000
1 *** ISCST3 - VERSION 02035 ***      *** Preliminary I Street Model
***      02/27/04
***      Cartesian Coordinate System

***      15:59:51
**MODELOPTs:
PAGE 15
CONC      URBAN FLAT  FLGPOL DFAULT

*** THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION
***
VALUES FOR SOURCE GROUP: GRP1      INCLUDING SOURCE(S):      SRC3      ,

*** NETWORK ID: GRD2      ; NETWORK TYPE:

GRIDCART ***

**
** CONC OF OTHER      IN MICROGRAMS/M**3

      Y-COORD |
      (METERS) |      1143.50      1243.50      1343.50      X-COORD (METERS)
1643.50      |      1743.50      1843.50      1943.50
-----
- - - - -
      -626.10 |      0.00050      0.00056      0.00066      0.00083      0.00106
0.00131      0.00154      0.00166      0.00196
      -726.10 |      0.00062      0.00069      0.00079      0.00097      0.00130
0.00170      0.00210      0.00233      0.00281

```

-826.10	|	0.00079	0.00089	0.00101	0.00120	0.00159
0.00226	0.00301	0.00350	0.00430			
-926.10	|	0.00099	0.00117	0.00138	0.00163	0.00205
0.00304	0.00461	0.00583	0.00719			
-1026.10	|	0.00116	0.00148	0.00190	0.00243	0.00309
0.00429	0.00771	0.01156	0.01340			
-1126.10	|	0.00118	0.00160	0.00227	0.00336	0.00514
0.00791	0.01407	0.03319	0.02947			
-1226.10	|	0.00112	0.00152	0.00218	0.00340	0.00602
0.01310	0.04061	0.43554	0.12822			
-1326.10	|	0.00109	0.00146	0.00205	0.00309	0.00515
0.01008	0.02781	0.42388	0.37615			
-1426.10	|	0.00097	0.00124	0.00162	0.00219	0.00317
0.00529	0.01365	0.03544	0.03547			
-1526.10	|	0.00076	0.00092	0.00117	0.00155	0.00223
0.00387	0.00935	0.01262	0.01164			
-1626.10	|	0.00061	0.00074	0.00094	0.00124	0.00181
0.00358	0.00599	0.00654	0.00646			
-1726.10	|	0.00052	0.00063	0.00079	0.00105	0.00175
0.00286	0.00406	0.00403	0.00404			
-1826.10	|	0.00046	0.00055	0.00069	0.00102	0.00165
0.00223	0.00285	0.00276	0.00279			
-1926.10	|	0.00041	0.00049	0.00066	0.00102	0.00140
0.00181	0.00208	0.00201	0.00206			
-2026.10	|	0.00037	0.00047	0.00068	0.00096	0.00117
0.00150	0.00158	0.00154	0.00159			

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04 *** Cartesian Coordinate System

*** 15:59:51

**MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

 VALUES FOR SOURCE GROUP: GRP1

INCLUDING SOURCE(S): SRC3 ,

*** NETWORK ID: GRD2 ; NETWORK TYPE:

GRIDCART ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

Y-COORD (METERS)	|				X-COORD (METERS)	
	|	2043.50	2143.50	2243.50	2343.50	2443.50
2543.50	|					

-626.10	|	0.00207	0.00182	0.00156	0.00130	0.00106
0.00089						
-726.10	|	0.00279	0.00234	0.00192	0.00151	0.00123
0.00109						
-826.10	|	0.00388	0.00309	0.00232	0.00182	0.00160
0.00149						
-926.10	|	0.00570	0.00404	0.00298	0.00258	0.00235
0.00210						
-1026.10	|	0.00868	0.00575	0.00483	0.00412	0.00347
0.00295						
-1126.10	|	0.01565	0.01169	0.00879	0.00679	0.00538
0.00433						
-1226.10	|	0.05025	0.02616	0.01582	0.01053	0.00749
0.00560						
-1326.10	|	0.11619	0.04829	0.02533	0.01539	0.01029
0.00735						

-1426.10 |	0.05388	0.04452	0.02984	0.01971	0.01350
0.00964					
-1526.10 |	0.01406	0.01837	0.01894	0.01642	0.01310
0.01021					
-1626.10 |	0.00555	0.00754	0.00910	0.00983	0.00957
0.00859					
-1726.10 |	0.00347	0.00367	0.00469	0.00542	0.00589
0.00604					
-1826.10 |	0.00259	0.00221	0.00266	0.00321	0.00360
0.00389					
-1926.10 |	0.00198	0.00165	0.00166	0.00201	0.00233
0.00257					
-2026.10 |	0.00153	0.00137	0.00119	0.00134	0.00157
0.00178					

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04

*** 15:59:51

**MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

*** Cartesian Coordinate System

*** THE SUMMARY OF MAXIMUM ANNUAL (1
 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3
 **

NETWORK

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZFLAG) OF TYPE GRID-ID		
ALL	1ST HIGHEST VALUE IS	5.92175 AT (1943.50, -1326.10,
0.00,	2.00) GC GRD2	
	2ND HIGHEST VALUE IS	4.88347 AT (1843.50, -1326.10,
0.00,	2.00) GC GRD2	
	3RD HIGHEST VALUE IS	1.38006 AT (1843.50, -1226.10,
0.00,	2.00) GC GRD2	
	4TH HIGHEST VALUE IS	1.13056 AT (2043.50, -1326.10,
0.00,	2.00) GC GRD2	
	5TH HIGHEST VALUE IS	1.06516 AT (1843.50, -1426.10,
0.00,	2.00) GC GRD2	
	6TH HIGHEST VALUE IS	0.82741 AT (1743.50, -1326.10,
0.00,	2.00) GC GRD2	
	7TH HIGHEST VALUE IS	0.81041 AT (1943.50, -1426.10,
0.00,	2.00) GC GRD2	
	8TH HIGHEST VALUE IS	0.68826 AT (1943.50, -1226.10,
0.00,	2.00) GC GRD2	
	9TH HIGHEST VALUE IS	0.59555 AT (2043.50, -1426.10,
0.00,	2.00) GC GRD2	
	10TH HIGHEST VALUE IS	0.49230 AT (1743.50, -1226.10,
0.00,	2.00) GC GRD2	
GRP2	1ST HIGHEST VALUE IS	0.00000 AT (0.00, 0.00,
0.00,	0.00)	
	2ND HIGHEST VALUE IS	0.00000 AT (0.00, 0.00,
0.00,	0.00)	
	3RD HIGHEST VALUE IS	0.00000 AT (0.00, 0.00,
0.00,	0.00)	
	4TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00,
0.00,	0.00)	
	5TH HIGHEST VALUE IS	0.00000 AT (0.00, 0.00,
0.00,	0.00)	

0.00,	6TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	7TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	8TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	9TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
0.00,	10TH HIGHEST VALUE IS	0.00000 AT (	0.00,	0.00,
	0.00)			
GRP1	1ST HIGHEST VALUE IS	0.43554 AT (	1843.50,	-1226.10,
0.00,	2.00) GC GRD2			
	2ND HIGHEST VALUE IS	0.42388 AT (	1843.50,	-1326.10,
0.00,	2.00) GC GRD2			
	3RD HIGHEST VALUE IS	0.37615 AT (	1943.50,	-1326.10,
0.00,	2.00) GC GRD2			
	4TH HIGHEST VALUE IS	0.12822 AT (	1943.50,	-1226.10,
0.00,	2.00) GC GRD2			
	5TH HIGHEST VALUE IS	0.11619 AT (	2043.50,	-1326.10,
0.00,	2.00) GC GRD2			
	6TH HIGHEST VALUE IS	0.05388 AT (	2043.50,	-1426.10,
0.00,	2.00) GC GRD2			
	7TH HIGHEST VALUE IS	0.05025 AT (	2043.50,	-1226.10,
0.00,	2.00) GC GRD2			
	8TH HIGHEST VALUE IS	0.04829 AT (	2143.50,	-1326.10,
0.00,	2.00) GC GRD2			
	9TH HIGHEST VALUE IS	0.04452 AT (	2143.50,	-1426.10,
0.00,	2.00) GC GRD2			
	10TH HIGHEST VALUE IS	0.04061 AT (	1743.50,	-1226.10,
0.00,	2.00) GC GRD2			

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** Preliminary I Street Model
 *** 02/27/04 *** Cartesian Coordinate System

*** 15:59:51
 **MODELOPTs:
 PAGE 18
 CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

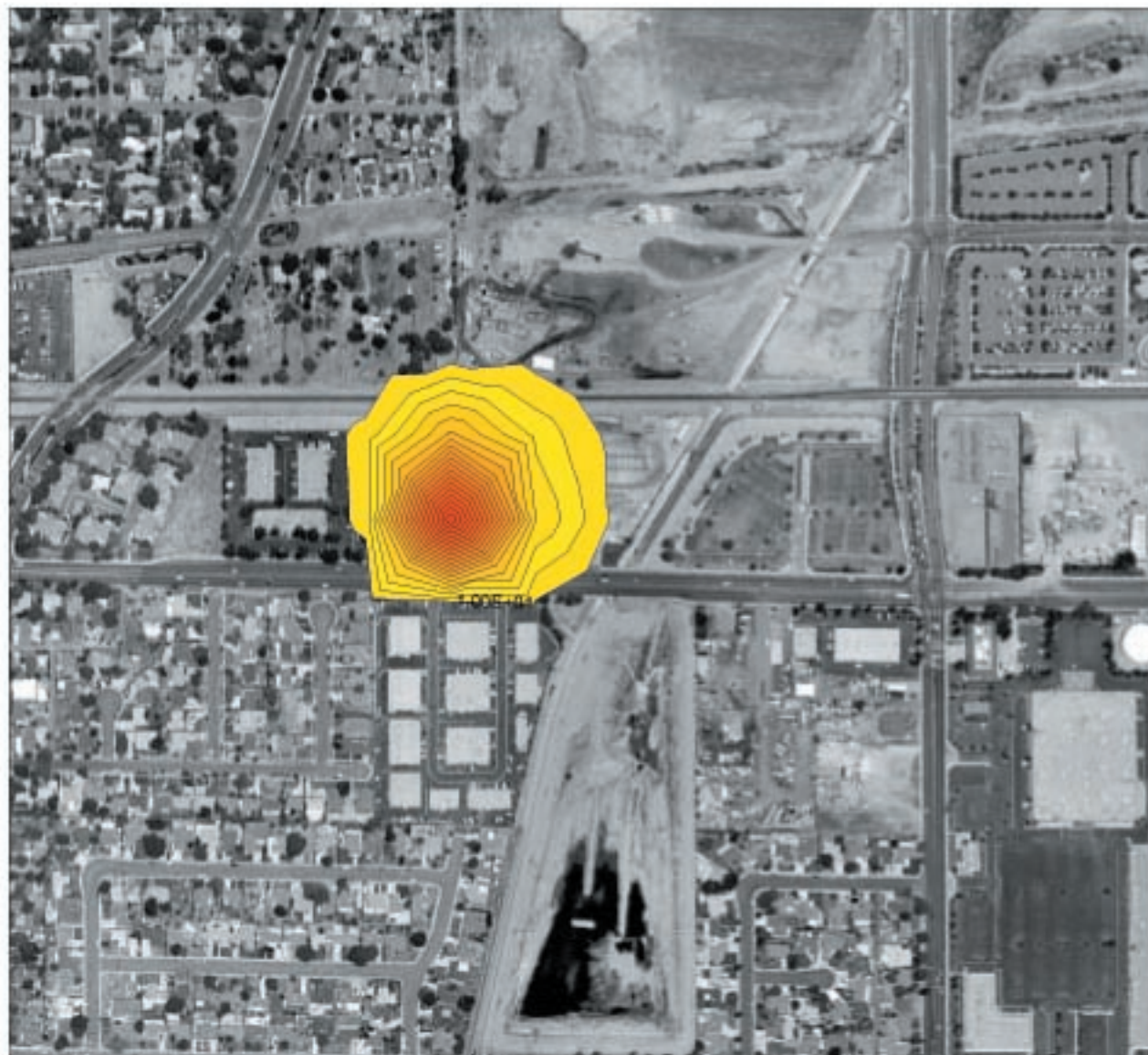
A Total of	0 Fatal Error Message(s)
A Total of	2 Warning Message(s)
A Total of	1062 Informational Message(s)
A Total of	1062 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 SO W319 37 SRCQA :No Sources Included in Specified Source Group: GRP2
 RE W216 43 RECAR:FLAG Input Inconsistent With Option: Defaults Used GRD2

*** ISCST3 Finishes Successfully ***

ARROW HIGHWAY STATION MODELING RESULTS



PREPARED SOLELY FOR THE USE OF OUR CLIENT AND NO
 REPRESENTATION OF ANY KIND IS MADE TO OTHER PARTIES WITH
 WHOM KOMEX MAY NOT ENTER INTO A CONTRACT.

Client:

Project/Site:

Title:

Dispersion Model Results for Montclair Station

Date:

Project No:

Figure No:

1

ISCST3 - (DATED 02035)

ISCST3X PC (32 BIT) VERSION 4.0.1
(C) COPYRIGHT 1991-2002, Trinity Consultants

Run Began on 3/01/2004 at 23:55:36

** BREEZE ISC GIS Pro v4.0.13 - C:\SWAPE\Projects\Omnitrans\Appendix
G\Montclair.dat
** Trinity Consultants

CO STARTING
CO TITLEONE West Valley Facility
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTs FLAT
CO FLAGPOLE
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION SRC1 AREA 64.4 88.1 0.9293352
** SRCDESCR Fueling Station
SO LOCATION SRC3 AREA -65.5 63.3 0.9293352
** SRCDESCR Service Bays
SO SRCPARAM SRC1 0.000000E+00 1 14.9 18.1 90 0
SO SRCPARAM SRC3 2.442334E-05 0 40.3 46.2 90 0
SO SRCGROUP ALL
SO FINISHED

RE STARTING
RE GRIDCART GRD1 STA 0
RE GRIDCART GRD1 XYINC -565.0 15 100.0 -978.5 15 100.0
RE GRIDCART GRD1 END
RE FINISHED

ME STARTING
ME INPUTFIL "C:\SWAPE\Projects\Met Data\FONTANA.ASC"
ME ANEMHGHT 9.14 METERS
ME SURFDATA 54149 1981
ME UAIRDATA 99999 1981
ME STARTEND 1981 01 01 1 1981 12 31 24
ME FINISHED

OU STARTING
OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0
** IMAGE2 "C:\SWAPE\Projects\Omnitrans\Draft Omnitrans Figures\montclair facility
closeup.tab"

** OUTFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\Montclair.LST"
** RAWFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\Montclair.RAW"
** RAWFMT 2
** PERCENT
** HILLBOUN 0 0 0 0

** POLLUTNT IDN 01 other X
** POLLUTNT NAM 01 vocs
** POLLUTNT EMS SRC1 0
** POLLUTNT EMS SRC3 2.442334E-05

** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD1
** BUILDING NAM Fueling Station

```

** BUILDING REC 64.4 88.1 15.3 17.7 90.0
** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD2
** BUILDING NAM Maintenance Bay
** BUILDING REC -65.5 63.3 40.3 46.1 90.0
** BUILDING BLD 0 0 0 6.096 4
** BUILDING IDN BLD3
** BUILDING NAM West Valley Office
** BUILDING REC 1.0 -11.4 14.0 33.9 90.0
** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD4
** BUILDING NAM Bus Wash
** BUILDING REC 12.6 87.5 16.1 19.6 90.0

```

*** Message Summary For ISC3 Model Setup ***

----- Summary of Total Messages -----

```

A Total of          0 Fatal Error Message(s)
A Total of          3 Warning Message(s)
A Total of          0 Informational Message(s)

```

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 CO W205 18 FLAGDF:No Option Parameter Setting. Forced by Default to ZFLAG=0.
 SO W320 28 APARM :Input Parameter May Be Out-of-Range for Parameter QS
 RE W216 36 RECART:FLAG Input Inconsistent With Option: Defaults Used GRD1

 *** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility
 *** 03/01/04 ***

*** 23:55:36

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**NO GAS DRY DEPOSITION Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.

- ```

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 2 Source(s); 1 Source Group(s); and 225
Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
 m for Missing Hours
 b for Both Calm and
Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 9.14 ; Decay Coef. = 0.0000 ;
Rot. Angle = 0.0
 Emission Units = GRAMS/SEC
Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.2 MB of RAM.

**Input Runstream File: C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX
G\MONTCLAIR.DAT
**Output Print File: C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX
G\MONTCLAIR.LST
1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility
*** 03/01/04

*** 23:55:36
**MODELOPTs:
PAGE 2
CONC URBAN FLAT FLGPOL DFAULT

```

| Y-DIM                                                     | ORIENT. | NUMBER      | EMISSION RATE | COORD (SW CORNER) | BASE     | RELEASE  | X-DIM    |
|-----------------------------------------------------------|---------|-------------|---------------|-------------------|----------|----------|----------|
| SOURCE                                                    | PART.   | (GRAMS/SEC  | X             | Y                 | ELEV.    | HEIGHT   | OF AREA  |
| AREA OF AREA                                              | SZ      | SCALAR VARY |               |                   |          |          | OF       |
| ID                                                        | CATS.   | /METER**2)  | (METERS)      | (METERS)          | (METERS) | (METERS) | (METERS) |
| (METERS)                                                  | (DEG.)  | (METERS)    | BY            |                   |          |          |          |
| SRC1                                                      | 0       | 0.00000E+00 | 64.4          | 88.1              | 0.9      | 1.00     | 14.90    |
| 18.10                                                     | 90.00   | 0.00        |               |                   |          |          |          |
| SRC3                                                      | 0       | 0.24423E-04 | -65.5         | 63.3              | 0.9      | 0.00     | 40.30    |
| 46.20                                                     | 90.00   | 0.00        |               |                   |          |          |          |
| 1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility |         |             |               |                   |          |          |          |
| *** 03/01/04                                              |         |             |               |                   |          |          |          |

\*\*\*  
 \*\*\* 23:55:36  
 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

ALL SRC1 , SRC3 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
 \*\*\* 03/01/04  
 \*\*\*

\*\*\* 23:55:36  
 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
 (METERS)

|        |         |         |         |         |         |        |       |
|--------|---------|---------|---------|---------|---------|--------|-------|
|        | -565.0, | -465.0, | -365.0, | -265.0, | -165.0, | -65.0, | 35.0, |
| 135.0, | 235.0,  | 335.0,  |         |         |         |        |       |
|        | 435.0,  | 535.0,  | 635.0,  | 735.0,  | 835.0,  |        |       |

\*\*\* Y-COORDINATES OF GRID \*\*\*  
 (METERS)

|                                  |                          |         |         |         |         |         |         |
|----------------------------------|--------------------------|---------|---------|---------|---------|---------|---------|
|                                  | -978.5,                  | -878.5, | -778.5, | -678.5, | -578.5, | -478.5, | -378.5, |
| -278.5,                          | -178.5,                  | -78.5,  |         |         |         |         |         |
|                                  | 21.5,                    | 121.5,  | 221.5,  | 321.5,  | 421.5,  |         |         |
| 1 *** ISCST3 - VERSION 02035 *** | *** West Valley Facility |         |         |         |         |         |         |
| *** 03/01/04                     | ***                      |         |         |         |         |         |         |

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 \*\*MODELOPTs:  
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 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

| Y-COORD<br>(METERS) |       | -565.00 | -465.00 | -365.00 | -265.00 | -165.00 |
|---------------------|-------|---------|---------|---------|---------|---------|
| -65.00              | 35.00 | 135.00  | 235.00  |         |         |         |
| -----               |       |         |         |         |         |         |
| 421.50              |       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| 0.00                | 0.00  | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| 321.50              |       | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| 0.00                | 0.00  | 0.00    | 0.00    |         |         |         |

|      |         |  |      |      |      |      |      |
|------|---------|--|------|------|------|------|------|
| 0.00 | 221.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | 121.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | 21.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -78.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -178.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -278.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -378.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -478.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -578.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -678.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -778.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -878.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |
| 0.00 | -978.50 |  | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00    |  | 0.00 | 0.00 |      |      |      |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
 \*\*\* 03/01/04 \*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

| Y-COORD<br>(METERS) |         | 335.00 | 435.00 | 535.00 | 635.00 | 735.00 |
|---------------------|---------|--------|--------|--------|--------|--------|
| 835.00              |         |        |        |        |        |        |
| -----               |         |        |        |        |        |        |
| -----               |         |        |        |        |        |        |
| 0.00                | 421.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | 321.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | 221.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | 121.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | 21.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | -78.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | -178.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | -278.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | -378.50 | \| | 0.00   | 0.00   | 0.00   | 0.00   |
| 0.00                | -478.50 |        | 0.00   | 0.00   | 0.00   | 0.00   |

```

1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility
*** 03/01/04 ***
*** 23:55:36 ***
**MODELOPTs:
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CONC URBAN FLAT FLGPOL DFAULT

```

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

\*\*\* WIND PROFILE EXPONENTS \*\*\*

| STABILITY CATEGORY |            | WIND SPEED CATEGORY |            |  |
|--------------------|------------|---------------------|------------|--|
| 1                  | 2          | 3                   | 4          |  |
| 5                  | 6          |                     |            |  |
| A                  | .15000E+00 | .15000E+00          | .15000E+00 |  |
| .15000E+00         | .15000E+00 | .15000E+00          |            |  |
| B                  | .15000E+00 | .15000E+00          | .15000E+00 |  |
| .15000E+00         | .15000E+00 | .15000E+00          |            |  |

\*\*\* VERTICAL POTENTIAL TEMPERATURE

(DEGREES KELVIN PER METER)

\*\*\* THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

| IPCODE PRATE |    |    |    |        | FLOW  | SPEED | TEMP  | STAB  | MIXING | HEIGHT (M) | USTAR  | M-O | LENGTH | Z-0    |
|--------------|----|----|----|--------|-------|-------|-------|-------|--------|------------|--------|-----|--------|--------|
| YR           | MN | DY | HR | VECTOR | (M/S) | (K)   | CLASS | RURAL | URBAN  | (M/S)      |        | (M) |        | (M)    |
| (mm/HR)      |    |    |    |        |       |       |       |       |        |            |        |     |        |        |
| 0            | 81 | 01 | 01 | 01     | 202.3 | 1.00  | 284.3 | 7     | 522.6  | 170.0      | 0.0000 |     | 0.0    | 0.0000 |
| 0            | 81 | 01 | 01 | 02     | 192.4 | 0.00  | 284.3 | 7     | 507.0  | 170.0      | 0.0000 |     | 0.0    | 0.0000 |
| 0            | 81 | 01 | 01 | 03     | 197.5 | 0.00  | 283.1 | 7     | 491.4  | 170.0      | 0.0000 |     | 0.0    | 0.0000 |
| 0            | 81 | 01 | 01 | 04     | 211.0 | 0.00  | 283.1 | 7     | 475.8  | 170.0      | 0.0000 |     | 0.0    | 0.0000 |
| 0            | 81 | 01 | 01 | 05     | 174.0 | 1.00  | 282.6 | 7     | 460.3  | 170.0      | 0.0000 |     | 0.0    | 0.0000 |
| 0            | 81 | 01 | 01 | 06     | 207.0 | 1.00  | 283.1 | 7     | 444.7  | 170.0      | 0.0000 |     | 0.0    | 0.0000 |

|    |    |    |    |       |      |       |   |       |       |        |     |        |
|----|----|----|----|-------|------|-------|---|-------|-------|--------|-----|--------|
| 81 | 01 | 01 | 07 | 207.0 | 0.00 | 285.4 | 6 | 1.4   | 170.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 08 | 202.1 | 0.00 | 287.6 | 5 | 47.0  | 192.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 09 | 231.5 | 1.00 | 289.8 | 4 | 92.5  | 213.3 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 10 | 9.1   | 1.00 | 291.5 | 3 | 138.0 | 234.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 11 | 359.1 | 1.34 | 294.3 | 2 | 183.5 | 256.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 12 | 350.6 | 0.00 | 297.6 | 2 | 229.0 | 277.3 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 13 | 19.7  | 2.24 | 298.7 | 3 | 274.5 | 298.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 14 | 56.7  | 2.68 | 299.8 | 3 | 320.0 | 320.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 15 | 89.8  | 2.68 | 299.3 | 3 | 320.0 | 320.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 16 | 98.2  | 3.13 | 298.7 | 4 | 320.0 | 320.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 17 | 87.6  | 1.79 | 295.4 | 5 | 325.6 | 318.5 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 18 | 75.1  | 1.00 | 291.5 | 6 | 357.2 | 310.3 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 19 | 110.5 | 1.00 | 289.8 | 7 | 388.8 | 302.1 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 20 | 235.7 | 1.00 | 287.0 | 7 | 420.4 | 293.9 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 21 | 246.1 | 1.00 | 286.5 | 7 | 452.0 | 285.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 22 | 204.5 | 1.00 | 287.0 | 7 | 483.5 | 277.4 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 23 | 203.2 | 0.00 | 285.9 | 7 | 515.1 | 269.2 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 24 | 202.2 | 0.00 | 285.4 | 7 | 546.7 | 261.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.  
1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
\*\*\* 03/01/04

\*\*\* 23:55:36  
\*\*\*

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
\*\*\*  
VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): SRC1 , SRC3 ,  
\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

| Y-COORD<br>(METERS) |         |         |         | X-COORD (METERS) |                 |
|---------------------|---------|---------|---------|------------------|-----------------|
| -65.00              | 35.00   | -565.00 | -465.00 | -365.00          | -265.00 -165.00 |
|                     |         | 135.00  | 235.00  |                  |                 |
| 421.50              | 0.03773 | 0.03835 | 0.03862 | 0.04492          | 0.04885         |
| 0.08466             | 0.10380 | 0.11682 | 0.15076 |                  |                 |



|           |                            |         |                      |         |         |         |
|-----------|----------------------------|---------|----------------------|---------|---------|---------|
| 321.50 | \| | 0.04317 | 0.06051              | 0.06843 | 0.07136 | 0.08238 |
| 0.14811   | 0.18853                    | 0.25767 | 0.26632              |         |         |         |
| 221.50 | \| | 0.04806 | 0.06530              | 0.10565 | 0.15716 | 0.18047 |
| 0.32501   | 0.50556                    | 0.63760 | 0.57739              |         |         |         |
| 121.50 | \| | 0.07372 | 0.10139              | 0.14781 | 0.24439 | 0.62161 |
| 1.36082   | 3.34858                    | 1.84980 | 0.85807              |         |         |         |
| 21.50 | \| | 0.08806 | 0.13144              | 0.22167 | 0.46898 | 1.69453 |
| 169.49185 | 6.66057                    | 1.77386 | 0.80402              |         |         |         |
| -78.50 | \| | 0.11635 | 0.18182              | 0.30869 | 0.75288 | 3.08204 |
| 5.13233   | 1.14147                    | 0.54185 | 0.32248              |         |         |         |
| -178.50 | \| | 0.12801 | 0.21151              | 0.48739 | 1.00960 | 1.71227 |
| 1.34176   | 0.47979                    | 0.33447 | 0.20828              |         |         |         |
| -278.50 | \| | 0.17528 | 0.32884              | 0.51311 | 0.72007 | 0.98732 |
| 0.60734   | 0.31524                    | 0.18083 | 0.15928              |         |         |         |
| -378.50 | \| | 0.23323 | 0.31672              | 0.40057 | 0.54085 | 0.59301 |
| 0.35170   | 0.22494                    | 0.12201 | 0.10887              |         |         |         |
| -478.50 | \| | 0.21809 | 0.25980              | 0.33218 | 0.40432 | 0.37643 |
| 0.23244   | 0.16765                    | 0.09714 | 0.07418              |         |         |         |
| -578.50 | \| | 0.18474 | 0.22458              | 0.27396 | 0.30568 | 0.25400 |
| 0.16670   | 0.12953                    | 0.08196 | 0.05765              |         |         |         |
| -678.50 | \| | 0.16296 | 0.19622              | 0.22535 | 0.23355 | 0.18131 |
| 0.12633   | 0.10316                    | 0.07082 | 0.04883              |         |         |         |
| -778.50 | \| | 0.14713 | 0.16963              | 0.18659 | 0.18058 | 0.13570 |
| 0.09962   | 0.08425                    | 0.06191 | 0.04306              |         |         |         |
| -878.50 | \| | 0.13188 | 0.14654              | 0.15531 | 0.14173 | 0.10555 |
| 0.08095   | 0.07026                    | 0.05451 | 0.03878              |         |         |         |
| -978.50 | \| | 0.11733 | 0.12719              | 0.12976 | 0.11311 | 0.08469 |
| 0.06734   | 0.05961                    | 0.04828 | 0.03537              |         |         |         |
| 1 ***     | ISCST3 - VERSION 02035 *** | ***     | West Valley Facility |         |         |         |
| ***       | 03/01/04                   |         |                      |         |         |         |

\*\*\* 23:55:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): SRC1 , SRC3 ,  
 \*\*\* NETWORK ID: GRD1 ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

| Y-COORD<br>(METERS) | \| |  |  |  | X-COORD (METERS) |        |
|---------------------|--|--------|--------|--------|------------------|--------|
|  | \| | 335.00 | 435.00 | 535.00 | 635.00           | 735.00 |
| 835.00 | \| |  |  |  |  |  |

|         |  |         |         |         |         |         |
|---------|--|---------|---------|---------|---------|---------|
| 421.50 | \| | 0.14715 | 0.14689 | 0.14200 | 0.12744 | 0.10963 |
| 0.09305 |  |         |         |         |         |         |
| 321.50 | \| | 0.26106 | 0.23277 | 0.18966 | 0.15111 | 0.12123 |
| 0.09879 |  |         |         |         |         |         |
| 221.50 | \| | 0.42340 | 0.29572 | 0.21315 | 0.16005 | 0.12464 |
| 0.10005 |  |         |         |         |         |         |
| 121.50 | \| | 0.48105 | 0.30885 | 0.21652 | 0.16119 | 0.12530 |
| 0.10062 |  |         |         |         |         |         |
| 21.50 | \| | 0.45959 | 0.29944 | 0.21194 | 0.15880 | 0.12401 |
| 0.09992 |  |         |         |         |         |         |
| -78.50 | \| | 0.24948 | 0.19840 | 0.15860 | 0.12840 | 0.10559 |
| 0.08821 |  |         |         |         |         |         |
| -178.50 | \| | 0.14177 | 0.10777 | 0.09260 | 0.08251 | 0.07369 |
| 0.06572 |  |         |         |         |         |         |

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| -278.50 \| | 0.11221 | 0.08548 | 0.06632 | 0.05501 | 0.04907 |
| 0.04530 |         |         |         |         |         |
| -378.50 \| | 0.09409 | 0.07126 | 0.05775 | 0.04729 | 0.03912 |
| 0.03392 |         |         |         |         |         |
| -478.50 \| | 0.07371 | 0.06279 | 0.04986 | 0.04188 | 0.03581 |
| 0.03040 |         |         |         |         |         |
| -578.50 \| | 0.05387 | 0.05315 | 0.04529 | 0.03716 | 0.03195 |
| 0.02814 |         |         |         |         |         |
| -678.50 \| | 0.04135 | 0.04179 | 0.04017 | 0.03446 | 0.02897 |
| 0.02532 |         |         |         |         |         |
| -778.50 \| | 0.03438 | 0.03268 | 0.03346 | 0.03150 | 0.02725 |
| 0.02335 |         |         |         |         |         |
| -878.50 \| | 0.03015 | 0.02680 | 0.02706 | 0.02738 | 0.02543 |
| 0.02220 |         |         |         |         |         |
| -978.50 \| | 0.02722 | 0.02318 | 0.02224 | 0.02294 | 0.02281 |
| 0.02102 |         |         |         |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
 \*\*\* 03/01/04 \*\*\*

\*\*\* 23:55:36

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1

YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

# NETWORK

| GROUP ID | OF TYPE | GRID-ID | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, |
|----------|---------|---------|--------------|--------------------------|
| ZFLAG)   |         |         |              |                          |
| -----    |         |         |              |                          |

|       |                       |                |          |          |
|-------|-----------------------|----------------|----------|----------|
| ALL   | 1ST HIGHEST VALUE IS  | 169.49185 AT ( | -65.00,  | 21.50,   |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 2ND HIGHEST VALUE IS  | 6.66057 AT (   | 35.00,   | 21.50,   |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 3RD HIGHEST VALUE IS  | 5.13233 AT (   | -65.00,  | -78.50,  |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 4TH HIGHEST VALUE IS  | 3.34858 AT (   | 35.00,   | 121.50,  |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 5TH HIGHEST VALUE IS  | 3.08204 AT (   | -165.00, | -78.50,  |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 6TH HIGHEST VALUE IS  | 1.84980 AT (   | 135.00,  | 121.50,  |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 7TH HIGHEST VALUE IS  | 1.77386 AT (   | 135.00,  | 21.50,   |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 8TH HIGHEST VALUE IS  | 1.71227 AT (   | -165.00, | -178.50, |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 9TH HIGHEST VALUE IS  | 1.69453 AT (   | -165.00, | 21.50,   |
| 0.00, | 0.00) GC GRD1         |                |          |          |
|       | 10TH HIGHEST VALUE IS | 1.36082 AT (   | -65.00,  | 121.50,  |
| 0.00, | 0.00) GC GRD1         |                |          |          |

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR  
 BD = BOUNDARY

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
 \*\*\* 03/01/04

\*\*\*  
23:55:36  
\*\*MODELOPTs:  
PAGE 12  
CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 3 Warning Message(s)  
A Total of 1579 Informational Message(s)  
A Total of 1579 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W205 18 FLAGDF:No Option Parameter Setting. Forced by Default to ZFLAG=0.  
SO W320 28 APARM :Input Parameter May Be Out-of-Range for Parameter QS  
RE W216 36 RECAR:FLAG Input Inconsistent With Option: Defaults Used GRD1

\*\*\*\*\*  
\*\*\* ISCST3 Finishes Successfully \*\*\*  
\*\*\*\*\*

# FUEL DISPENSER

1

ISCST3 - (DATED 02035)

ISCST3X PC (32 BIT) VERSION 4.0.1  
(C) COPYRIGHT 1991-2002, Trinity Consultants

Run Began on 3/02/2004 at 0:04:47

\*\* BREEZE ISC GIS Pro v4.0.13 - C:\SWAPE\Projects\Omnitrans\Appendix G\Montclair  
Fuel Island.dat  
\*\* Trinity Consultants

CO STARTING  
CO TITLEONE West Valley Facility  
CO TITLETWO Fuel Island  
CO MODELOPT DFAULT CONC URBAN  
CO AVERTIME ANNUAL  
CO POLLUTID OTHER  
CO TERRHGTs FLAT  
CO FLAGPOLE  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION SRC1 AREA 64.4 88.1 0.9293352  
\*\* SRCDESCR Fueling Station  
SO LOCATION SRC3 AREA -65.5 63.3 0.9293352  
\*\* SRCDESCR Service Bays  
SO SRCPARAM SRC1 0.000000E+00 1 15.24 18.288 90 0  
SO SRCPARAM SRC3 2.442334E-05 0 40.3 46.2 90 0  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING  
RE GRIDCART GRD1 STA 0  
RE GRIDCART GRD1 XYINC -565.0 15 100.0 -978.5 15 100.0  
RE GRIDCART GRD1 END  
RE FINISHED

ME STARTING  
ME INPUTFIL "C:\SWAPE\Projects\Met Data\FONTANA.ASC"  
ME ANEMHGHT 9.14 METERS  
ME SURFDATA 54149 1981  
ME UAIRDATA 99999 1981  
ME STARTEND 1981 01 01 1 1981 12 31 24  
ME FINISHED

OU STARTING  
OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0  
\*\* IMAGE2 "C:\SWAPE\Projects\Omnitrans\Draft Omnitrans Figures\montclair facility  
closeup.tab"  
\*\* OUTFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\Montclair Fuel Island.lst"  
\*\* RAWFILE "C:\SWAPE\Projects\Omnitrans\Appendix G\Montclair Fuel Island.RAW"  
\*\* RAWFMT 2  
\*\* PERCENT  
\*\* HILLBOUN 0 0 0 0

\*\* POLLUTNT IDN 01 other  
\*\* POLLUTNT NAM 01 vocs  
\*\* POLLUTNT IDN 02 TOG X  
\*\* POLLUTNT NAM 02 TOG  
\*\* POLLUTNT EMS SRC1 0 2.138127E-05  
\*\* POLLUTNT EMS SRC3 2.442334E-05 0

```

** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD1
** BUILDING NAM Fueling Station
** BUILDING REC 64.4 88.1 15.3 17.7 90.0
** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD2
** BUILDING NAM Maintenance Bay
** BUILDING REC -65.5 63.3 40.3 46.1 90.0
** BUILDING BLD 0 0 0 6.096 4
** BUILDING IDN BLD3
** BUILDING NAM West Valley Office
** BUILDING REC 1.0 -11.4 14.0 33.9 90.0
** BUILDING BLD 0 0 0 10.668 4
** BUILDING IDN BLD4
** BUILDING NAM Bus Wash
** BUILDING REC 12.6 87.5 16.1 19.6 90.0

```

\*\*\* Message Summary For ISC3 Model Setup \*\*\*

----- Summary of Total Messages -----

```

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 0 Informational Message(s)

```

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 CO W205 19 FLAGDF:No Option Parameter Setting. Forced by Default to ZFLAG=0.  
 SO W320 29 APARM :Input Parameter May Be Out-of-Range for Parameter QS  
 RE W216 37 RECART:FLAG Input Inconsistent With Option: Defaults Used GRD1

\*\*\*\*\*  
 \*\*\* SETUP Finishes Successfully \*\*\*  
 \*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
 \*\*\* 03/02/04

\*\*\* Fuel Island

\*\*\* 00:04:47

\*\*MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

\*\*Intermediate Terrain Processing is Selected

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F

\*\*Model Uses NO WET DEPLETION. WDPLETE = F

\*\*NO WET SCAVENGING Data Provided.

\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

\*\*Model Uses URBAN Dispersion.

\*\*Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

\*\*Model Assumes Receptors on FLAT Terrain.

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes:        2 Source(s);        1 Source Group(s); and        225  
Receptor(s)

\*\*The Model Assumes A Pollutant Type of: OTHER

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor

\*\*NOTE: The Following Flags May Appear Following CONC Values:    c for Calm Hours  
                                                                                  m for Missing Hours  
                                                                                  b for Both Calm and  
Missing Hours

\*\*Misc. Inputs: Anem. Hgt. (m) =        9.14 ;        Decay Coef. =        0.0000 ;  
Rot. Angle =        0.0  
                                                                                  Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor =    0.10000E+07  
                                                                                  Output Units    = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model =        1.2 MB of RAM.

\*\*Input Runstream File:                                    C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX G\MONTCLAIR  
FUEL ISLAND.DAT

\*\*Output Print File:                                        C:\SWAPE\PROJECTS\OMNITRANS\APPENDIX G\MONTCLAIR  
FUEL ISLAND.LST

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*        \*\*\* West Valley Facility  
\*\*\*        03/02/04  
                                                                                  \*\*\* Fuel Island

\*\*\*        00:04:47

\*\*MODELOPTs:

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CONC                                    URBAN FLAT    FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

| Y-DIM    | ORIENT. | NUMBER      | EMISSION            | COORD (SW CORNER) | BASE     | RELEASE  | X-DIM             |
|----------|---------|-------------|---------------------|-------------------|----------|----------|-------------------|
| AREA     | OF AREA | OF AREA     | INIT. EMISSION RATE | X                 | Y        | ELEV.    | HEIGHT OF AREA OF |
| AREA     | OF AREA | SZ          | (GRAMS/SEC          | (METERS)          | (METERS) | (METERS) | (METERS)          |
| ID       | CATS.   | /METER**2)  | SCALAR VARY         | BY                |          |          |                   |
| (METERS) | (DEG.)  | (METERS)    |                     |                   |          |          |                   |
| SRC1     | 0       | 0.00000E+00 | 64.4                | 88.1              | 0.9      | 1.00     | 15.24             |
| 18.29    | 90.00   | 0.00        |                     |                   |          |          |                   |

SRC3 0 0.24423E-04 -65.5 63.3 0.9 0.00 40.30

46.20 90.00 0.00

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility

\*\*\* 03/02/04

\*\*\* Fuel Island

\*\*\* 00:04:47

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID

SOURCE IDs

ALL SRC1 , SRC3 ,

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility

\*\*\* 03/02/04

\*\*\* Fuel Island

\*\*\* 00:04:47

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

|        |         |         |         |         |         |        |       |
|--------|---------|---------|---------|---------|---------|--------|-------|
|        | -565.0, | -465.0, | -365.0, | -265.0, | -165.0, | -65.0, | 35.0, |
| 135.0, | 235.0,  | 335.0,  |         |         |         |        |       |
|        | 435.0,  | 535.0,  | 635.0,  | 735.0,  | 835.0,  |        |       |

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

|         |         |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|---------|---------|
|         | -978.5, | -878.5, | -778.5, | -678.5, | -578.5, | -478.5, | -378.5, |
| -278.5, | -178.5, | -78.5,  |         |         |         |         |         |
|         | 21.5,   | 121.5,  | 221.5,  | 321.5,  | 421.5,  |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility

\*\*\* 03/02/04

\*\*\* Fuel Island

\*\*\* 00:04:47

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

| Y-COORD<br>(METERS) |       |         |         |         | X-COORD (METERS) |         |
|---------------------|-------|---------|---------|---------|------------------|---------|
|                     |       | -565.00 | -465.00 | -365.00 | -265.00          | -165.00 |
| -65.00              | 35.00 | 135.00  | 235.00  |         |                  |         |
| -                   | -     | -       | -       | -       | -                | -       |
| -                   | -     | -       | -       | -       | -                | -       |



|      |         |      |      |      |      |      |      |
|------|---------|------|------|------|------|------|------|
|      | 421.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | 321.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | 221.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | 121.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | 21.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -78.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -178.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -278.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -378.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -478.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -578.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -678.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -778.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -878.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |
|      | -978.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         | 0.00 | 0.00 | 0.00 |      |      |      |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
 \*\*\* 03/02/04

\*\*\* 00:04:47

\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Fuel Island

\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

| Y-COORD<br>(METERS) |  | 335.00 | 435.00 | 535.00 | 635.00 | 735.00 |
|---------------------|--|--------|--------|--------|--------|--------|
| 835.00              |  |        |        |        |        |        |

-----

|      |         |  |      |      |      |      |      |
|------|---------|--|------|------|------|------|------|
|      | 421.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |
|      | 321.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |
|      | 221.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |
|      | 121.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |
|      | 21.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |
|      | -78.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |
|      | -178.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |
|      | -278.50 | \| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.00 |         |  |      |      |      |      |      |

```

1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility
*** 03/02/04
*** *** Fuel Island
*** 00:04:47
*** **MODELOPTs:
PAGE 7
CONC URBAN FLAT FLGPOL DFAULT

```

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

\*\*\* WIND PROFILE EXPONENTS \*\*\*

|   |           |   |   |                     |   |
|---|-----------|---|---|---------------------|---|
|   | STABILITY |   |   | WIND SPEED CATEGORY |   |
|   | CATEGORY  | 1 | 2 | 3                   | 4 |
| 5 | 6         |   |   |                     |   |

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| .15000E+00 | A          | .15000E+00 | .15000E+00 | .15000E+00 |
| .15000E+00 | .15000E+00 | .15000E+00 | .15000E+00 | .15000E+00 |
| .15000E+00 | B          | .15000E+00 | .15000E+00 | .15000E+00 |
| .15000E+00 | .15000E+00 | .15000E+00 | .15000E+00 | .15000E+00 |
| .20000E+00 | C          | .20000E+00 | .20000E+00 | .20000E+00 |
| .20000E+00 | .20000E+00 | .20000E+00 | .20000E+00 | .20000E+00 |
| .25000E+00 | D          | .25000E+00 | .25000E+00 | .25000E+00 |
| .25000E+00 | .25000E+00 | .25000E+00 | .25000E+00 | .25000E+00 |
| .30000E+00 | E          | .30000E+00 | .30000E+00 | .30000E+00 |
| .30000E+00 | .30000E+00 | .30000E+00 | .30000E+00 | .30000E+00 |
| .30000E+00 | F          | .30000E+00 | .30000E+00 | .30000E+00 |
| .30000E+00 | .30000E+00 | .30000E+00 | .30000E+00 | .30000E+00 |

\*\*\* VERTICAL POTENTIAL TEMPERATURE

GRADIENTS \*\*\*

(DEGREES KELVIN PER METER)

|                                                           |            | STABILITY<br>CATEGORY | WIND SPEED CATEGORY |            |            |          |
|-----------------------------------------------------------|------------|-----------------------|---------------------|------------|------------|----------|
|                                                           |            |                       | 1                   | 2          | 3          | 4        |
| 5                                                         | 6          | A                     | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .00000E+00                                                | .00000E+00 | .00000E+00            | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .00000E+00                                                | .00000E+00 | B                     | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .00000E+00                                                | .00000E+00 | .00000E+00            | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .00000E+00                                                | .00000E+00 | C                     | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .00000E+00                                                | .00000E+00 | .00000E+00            | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .00000E+00                                                | .00000E+00 | D                     | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .00000E+00                                                | .00000E+00 | .00000E+00            | .00000E+00          | .00000E+00 | .00000E+00 |          |
| .01                                                       | .20000E-01 | E                     | .20000E-01          | .20000E-01 | .20000E-01 | .20000E- |
| .01                                                       | .20000E-01 | .20000E-01            | .20000E-01          | .20000E-01 | .20000E-01 | .20000E- |
| .01                                                       | .35000E-01 | F                     | .35000E-01          | .35000E-01 | .35000E-01 | .35000E- |
| .01                                                       | .35000E-01 | .35000E-01            | .35000E-01          | .35000E-01 | .35000E-01 | .35000E- |
| 1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility |            |                       |                     |            |            |          |
| *** 03/02/04                                              |            |                       |                     |            |            |          |
| *** Fuel Island                                           |            |                       |                     |            |            |          |
| *** 00:04:47                                              |            |                       |                     |            |            |          |
| **MODELOPTs:                                              |            |                       |                     |            |            |          |
| PAGE 8                                                    |            |                       |                     |            |            |          |
| CONC URBAN FLAT FLGPOL DFAULT                             |            |                       |                     |            |            |          |

\*\*\* THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

FILE: C:\SWAPE\Projects\Met Data\FONTANA.ASC  
 FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)  
 SURFACE STATION NO.: 54149 UPPER AIR STATION NO.: 99999  
 NAME: UNKNOWN NAME: UNKNOWN  
 YEAR: 1981 YEAR: 1981

| FLOW         |      | SPEED | TEMP | STAB   | MIXING HEIGHT (M) |       | USTAR | M-O   | LENGTH | Z-0    |     |        |
|--------------|------|-------|------|--------|-------------------|-------|-------|-------|--------|--------|-----|--------|
| IPCODE PRATE |      |       |      |        |                   |       |       |       |        |        |     |        |
| YR           | MN   | DY    | HR   | VECTOR | (M/S)             | (K)   | CLASS | RURAL | URBAN  | (M/S)  | (M) | (M)    |
| (mm/HR)      |      |       |      |        |                   |       |       |       |        |        |     |        |
| 81           | 01   | 01    | 01   | 202.3  | 1.00              | 284.3 | 7     | 522.6 | 170.0  | 0.0000 | 0.0 | 0.0000 |
| 0            | 0.00 |       |      |        |                   |       |       |       |        |        |     |        |
| 81           | 01   | 01    | 02   | 192.4  | 0.00              | 284.3 | 7     | 507.0 | 170.0  | 0.0000 | 0.0 | 0.0000 |
| 0            | 0.00 |       |      |        |                   |       |       |       |        |        |     |        |
| 81           | 01   | 01    | 03   | 197.5  | 0.00              | 283.1 | 7     | 491.4 | 170.0  | 0.0000 | 0.0 | 0.0000 |
| 0            | 0.00 |       |      |        |                   |       |       |       |        |        |     |        |
| 81           | 01   | 01    | 04   | 211.0  | 0.00              | 283.1 | 7     | 475.8 | 170.0  | 0.0000 | 0.0 | 0.0000 |
| 0            | 0.00 |       |      |        |                   |       |       |       |        |        |     |        |

|    |    |    |    |       |      |       |   |       |       |        |     |        |
|----|----|----|----|-------|------|-------|---|-------|-------|--------|-----|--------|
| 81 | 01 | 01 | 05 | 174.0 | 1.00 | 282.6 | 7 | 460.3 | 170.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 06 | 207.0 | 1.00 | 283.1 | 7 | 444.7 | 170.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 07 | 207.0 | 0.00 | 285.4 | 6 | 1.4   | 170.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 08 | 202.1 | 0.00 | 287.6 | 5 | 47.0  | 192.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 09 | 231.5 | 1.00 | 289.8 | 4 | 92.5  | 213.3 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 10 | 9.1   | 1.00 | 291.5 | 3 | 138.0 | 234.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 11 | 359.1 | 1.34 | 294.3 | 2 | 183.5 | 256.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 12 | 350.6 | 0.00 | 297.6 | 2 | 229.0 | 277.3 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 13 | 19.7  | 2.24 | 298.7 | 3 | 274.5 | 298.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 14 | 56.7  | 2.68 | 299.8 | 3 | 320.0 | 320.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 15 | 89.8  | 2.68 | 299.3 | 3 | 320.0 | 320.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 16 | 98.2  | 3.13 | 298.7 | 4 | 320.0 | 320.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 17 | 87.6  | 1.79 | 295.4 | 5 | 325.6 | 318.5 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 18 | 75.1  | 1.00 | 291.5 | 6 | 357.2 | 310.3 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 19 | 110.5 | 1.00 | 289.8 | 7 | 388.8 | 302.1 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 20 | 235.7 | 1.00 | 287.0 | 7 | 420.4 | 293.9 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 21 | 246.1 | 1.00 | 286.5 | 7 | 452.0 | 285.7 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 22 | 204.5 | 1.00 | 287.0 | 7 | 483.5 | 277.4 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 23 | 203.2 | 0.00 | 285.9 | 7 | 515.1 | 269.2 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |
| 81 | 01 | 01 | 24 | 202.2 | 0.00 | 285.4 | 7 | 546.7 | 261.0 | 0.0000 | 0.0 | 0.0000 |
| 0  |    |    |    | 0.00  |      |       |   |       |       |        |     |        |

\*\*\* NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.  
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
\*\*\* 03/02/04 \*\*\* Fuel Island

\*\*\* 00:04:47  
\*\*MODELOPTs:  
PAGE 9  
CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
\*\*\*  
VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): SRC1 , SRC3 ,

\*\*\* NETWORK ID: GRD1 ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD<br>(METERS) |       |         |         | X-COORD (METERS) |
|---------------------|-------|---------|---------|------------------|
| -65.00              | 35.00 | -565.00 | -465.00 | -265.00          |
|                     |       | 135.00  | 235.00  | -165.00          |

```

- - - - -
- - - - -
 421.50 | 0.03773 0.03835 0.03862 0.04492 0.04885
0.08466 | 0.10380 0.11682 0.15076
 321.50 | 0.04317 0.06051 0.06843 0.07136 0.08238
0.14811 | 0.18853 0.25767 0.26632
 221.50 | 0.04806 0.06530 0.10565 0.15716 0.18047
0.32501 | 0.50556 0.63760 0.57739
 121.50 | 0.07372 0.10139 0.14781 0.24439 0.62161
1.36082 | 3.34858 1.84980 0.85807
 21.50 | 0.08806 0.13144 0.22167 0.46898 1.69453
169.49185 | 6.66057 1.77386 0.80402
 -78.50 | 0.11635 0.18182 0.30869 0.75288 3.08204
5.13233 | 1.14147 0.54185 0.32248
 -178.50 | 0.12801 0.21151 0.48739 1.00960 1.71227
1.34176 | 0.47979 0.33447 0.20828
 -278.50 | 0.17528 0.32884 0.51311 0.72007 0.98732
0.60734 | 0.31524 0.18083 0.15928
 -378.50 | 0.23323 0.31672 0.40057 0.54085 0.59301
0.35170 | 0.22494 0.12201 0.10887
 -478.50 | 0.21809 0.25980 0.33218 0.40432 0.37643
0.23244 | 0.16765 0.09714 0.07418
 -578.50 | 0.18474 0.22458 0.27396 0.30568 0.25400
0.16670 | 0.12953 0.08196 0.05765
 -678.50 | 0.16296 0.19622 0.22535 0.23355 0.18131
0.12633 | 0.10316 0.07082 0.04883
 -778.50 | 0.14713 0.16963 0.18659 0.18058 0.13570
0.09962 | 0.08425 0.06191 0.04306
 -878.50 | 0.13188 0.14654 0.15531 0.14173 0.10555
0.08095 | 0.07026 0.05451 0.03878
 -978.50 | 0.11733 0.12719 0.12976 0.11311 0.08469
0.06734 | 0.05961 0.04828 0.03537
1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility
*** 03/02/04
*** Fuel Island
*** 00:04:47
**MODELOPTs:
PAGE 10
CONC
URBAN FLAT FLGPOL DEFAULT

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```

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): SRC1 , SRC3 ,
*** NETWORK ID: GRD1 ; NETWORK TYPE:
GRIDCART ***
** CONC OF OTHER IN MICROGRAMS/M**3
**

```

```

 Y-COORD | X-COORD (METERS)
 (METERS) | 335.00 435.00 535.00 635.00 735.00
835.00
- - - - -
- - - - -
 421.50 | 0.14715 0.14689 0.14200 0.12744 0.10963
0.09305
 321.50 | 0.26106 0.23277 0.18966 0.15111 0.12123
0.09879
 221.50 | 0.42340 0.29572 0.21315 0.16005 0.12464
0.10005
 121.50 | 0.48105 0.30885 0.21652 0.16119 0.12530
0.10062
 21.50 | 0.45959 0.29944 0.21194 0.15880 0.12401
0.09992

```

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| -78.50 \| | 0.24948 | 0.19840 | 0.15860 | 0.12840 | 0.10559 |
| 0.08821 |         |         |         |         |         |
| -178.50 \| | 0.14177 | 0.10777 | 0.09260 | 0.08251 | 0.07369 |
| 0.06572 |         |         |         |         |         |
| -278.50 \| | 0.11221 | 0.08548 | 0.06632 | 0.05501 | 0.04907 |
| 0.04530 |         |         |         |         |         |
| -378.50 \| | 0.09409 | 0.07126 | 0.05775 | 0.04729 | 0.03912 |
| 0.03392 |         |         |         |         |         |
| -478.50 \| | 0.07371 | 0.06279 | 0.04986 | 0.04188 | 0.03581 |
| 0.03040 |         |         |         |         |         |
| -578.50 \| | 0.05387 | 0.05315 | 0.04529 | 0.03716 | 0.03195 |
| 0.02814 |         |         |         |         |         |
| -678.50 \| | 0.04135 | 0.04179 | 0.04017 | 0.03446 | 0.02897 |
| 0.02532 |         |         |         |         |         |
| -778.50 \| | 0.03438 | 0.03268 | 0.03346 | 0.03150 | 0.02725 |
| 0.02335 |         |         |         |         |         |
| -878.50 \| | 0.03015 | 0.02680 | 0.02706 | 0.02738 | 0.02543 |
| 0.02220 |         |         |         |         |         |
| -978.50 \| | 0.02722 | 0.02318 | 0.02224 | 0.02294 | 0.02281 |
| 0.02102 |         |         |         |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* West Valley Facility  
 \*\*\* 03/02/04

\*\*\* Fuel Island

\*\*\* 00:04:47

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1  
 YRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

| NETWORK<br>GROUP ID<br>ZFLAG) | OF TYPE               | GRID-ID        | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, |
|-------------------------------|-----------------------|----------------|--------------|--------------------------|
| ALL                           | 1ST HIGHEST VALUE IS  | 169.49185 AT ( | -65.00,      | 21.50,                   |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 2ND HIGHEST VALUE IS  | 6.66057 AT (   | 35.00,       | 21.50,                   |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 3RD HIGHEST VALUE IS  | 5.13233 AT (   | -65.00,      | -78.50,                  |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 4TH HIGHEST VALUE IS  | 3.34858 AT (   | 35.00,       | 121.50,                  |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 5TH HIGHEST VALUE IS  | 3.08204 AT (   | -165.00,     | -78.50,                  |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 6TH HIGHEST VALUE IS  | 1.84980 AT (   | 135.00,      | 121.50,                  |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 7TH HIGHEST VALUE IS  | 1.77386 AT (   | 135.00,      | 21.50,                   |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 8TH HIGHEST VALUE IS  | 1.71227 AT (   | -165.00,     | -178.50,                 |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 9TH HIGHEST VALUE IS  | 1.69453 AT (   | -165.00,     | 21.50,                   |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |
|                               | 10TH HIGHEST VALUE IS | 1.36082 AT (   | -65.00,      | 121.50,                  |
| 0.00,                         | 0.00) GC GRD1         |                |              |                          |

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART

```

DP = DISCPOLR
BD = BOUNDARY
1 *** ISCST3 - VERSION 02035 *** *** West Valley Facility
*** 03/02/04
*** Fuel Island
*** 00:04:47
**MODELOPTs:
PAGE 12
CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 1579 Informational Message(s)

A Total of 1579 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
CO W205 19 FLAGDF:No Option Parameter Setting. Forced by Default to ZFLAG=0.
SO W320 29 APARM :Input Parameter May Be Out-of-Range for Parameter QS
RE W216 37 RECart:FLAG Input Inconsistent With Option: Defaults Used GRD1

*** ISCST3 Finishes Successfully ***

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## APPENDIX H

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# STATISTICAL ANALYSES

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## Statistical Analyses

The correlation coefficient ( $r$ ) represents the linear relationship between two variables. If the correlation coefficient is squared, then the resulting value ( $r^2$ , the coefficient of determination) will represent the proportion of common variation in the two variables (i.e., the "strength" or "magnitude" of the relationship). In order to evaluate the correlation between variables, it is important to know this "magnitude" or "strength" as well as the significance of the correlation coefficients are significant.

A test is available that will evaluate the significance of differences between two correlation coefficients in two samples. The outcome of this test depends not only on the size of the raw difference between the two coefficients but also on the size of the samples and on the size of the coefficients themselves. Consistent with the previously discussed principle, the larger the sample size, the smaller the effect that can be proven significant in that sample. In general, due to the fact that the reliability of the correlation coefficient increases with its absolute value, relatively small differences between large correlation coefficients can be significant. For example, a difference of .10 between two correlations may not be significant if the two coefficients are .15 and .25, although in the same sample, the same difference of .10 can be highly significant if the two coefficients are .80 and .90.

All data were analyzed using STATISTICA (Statsoft Inc., Tulsa KA). Pearson correlation coefficients and p-values were determined relating distance from three Omnitrans facilities, individuals age, and various health criteria. Health was scored on a scale from 1 (self reported very healthy) to five (self reported very unhealthy) (Tables). The most widely-used type of correlation coefficient is Pearson  $r$  (Pearson, 1896). The correlation coefficient determines the extent to which values of two variables are "proportional" to each other. The value of the correlation (i.e., correlation coefficient) does not depend on the specific measurement units used; for example, the correlation between height and weight will be identical regardless of whether inches and pounds, or centimeters and kilograms are used as measurement units. Proportional means linearly related; that is, the correlation is high if it can be approximated by a straight line (sloped upwards or downwards). This line is called the regression line or least squares line, because it is determined such that the sum of the squared distances of all the data points from the line is the lowest possible. Pearson correlation assumes that the two variables are measured on at least interval scales. The Pearson equation for determining  $r$  is below:

---


$$r = \frac{\sum_{i1} (Y_{i1} - \bar{Y}_1) * (Y_{i2} - \bar{Y}_2)}{[\sum_{i1} (Y_{i1} - \bar{Y}_1)^2 * \sum_{i2} (Y_{i2} - \bar{Y}_2)^2]^{(1/2)}}$$

## Correlations Introductory Overview - How to Interpret the Values of Correlations

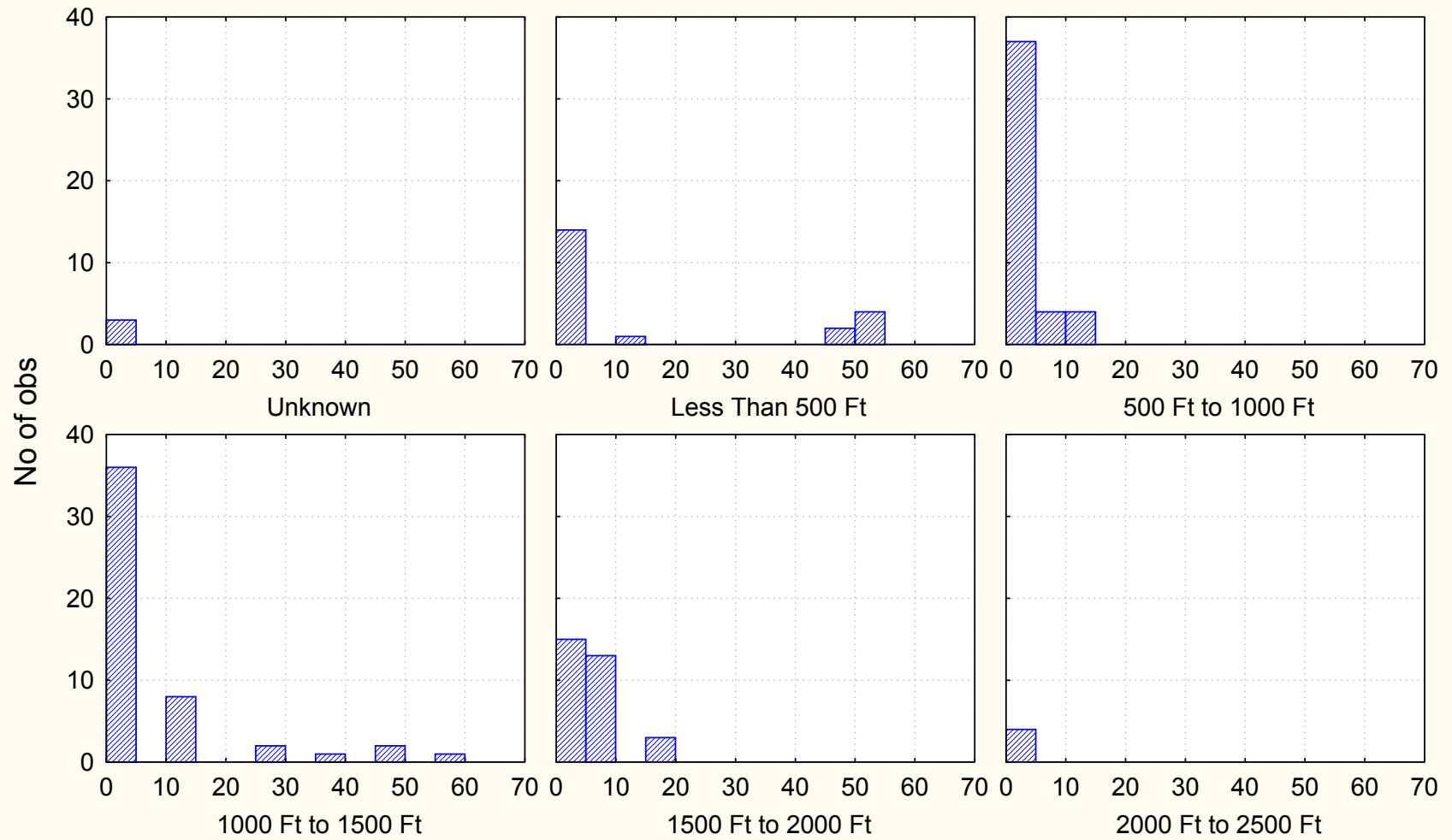
As mentioned before, the correlation coefficient (r) represents the linear relationship between two variables. If the correlation coefficient is squared, then the resulting value (r<sup>2</sup>, the coefficient of determination) will represent the proportion of common variation in the two variables (i.e., the "strength" or "magnitude" of the relationship). In order to evaluate the correlation between variables, it is important to know this "magnitude" or "strength" as well as the significance of the correlation. coefficients are Significant.

A test is available that will evaluate the significance of differences between two correlation coefficients in two samples (see the Probability calculator). The outcome of this test depends not only on the size of the raw difference between the two coefficients but also on the size of the samples and on the size of the coefficients themselves. Consistent with the previously discussed principle, the larger the sample size, the smaller the effect that can be proven significant in that sample. In general, due to the fact that the reliability of the correlation coefficient increases with its absolute value, relatively small differences between large correlation coefficients can be significant. For example, a difference of .10 between two correlations may not be significant if the two coefficients are .15 and .25, although in the same sample, the same difference of .10 can be highly significant if the two coefficients are .80 and .90.

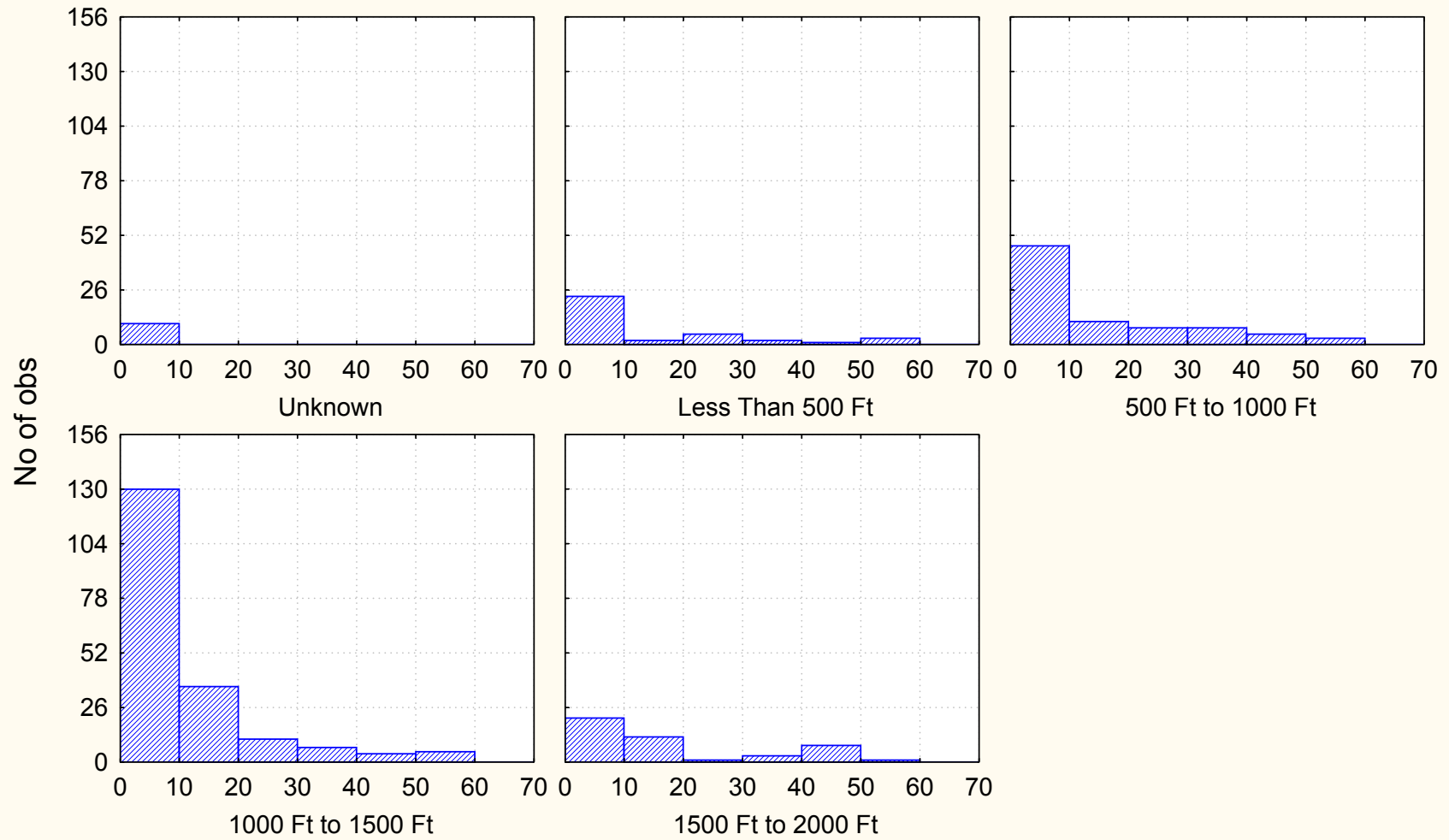
Pearson (1896). Regression, Heredity and Panmixia. Philosophical Transactions in the Royal Society of London. Series A 187 253-318.

## Years Living At Current Residence

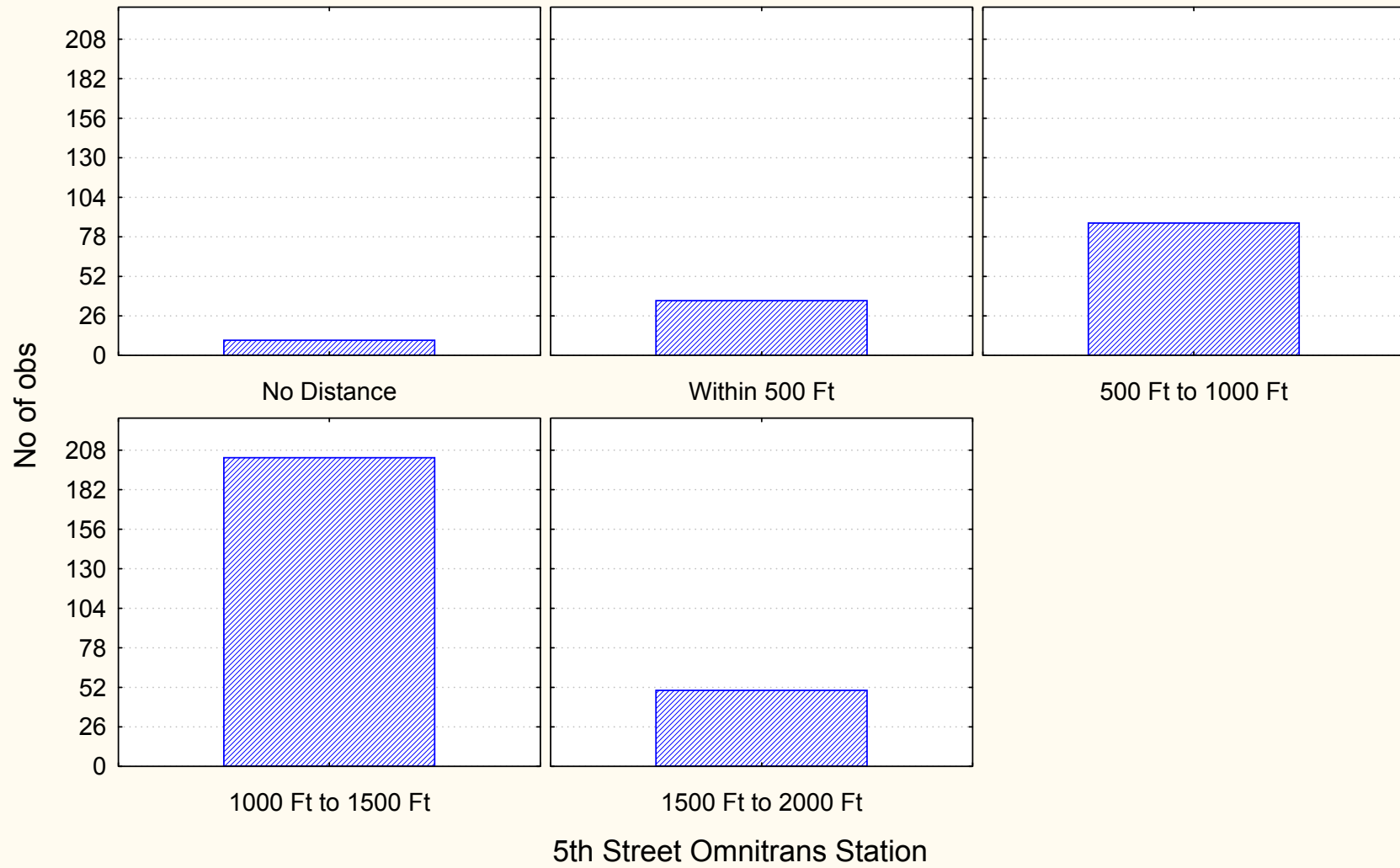
### I Street Residents



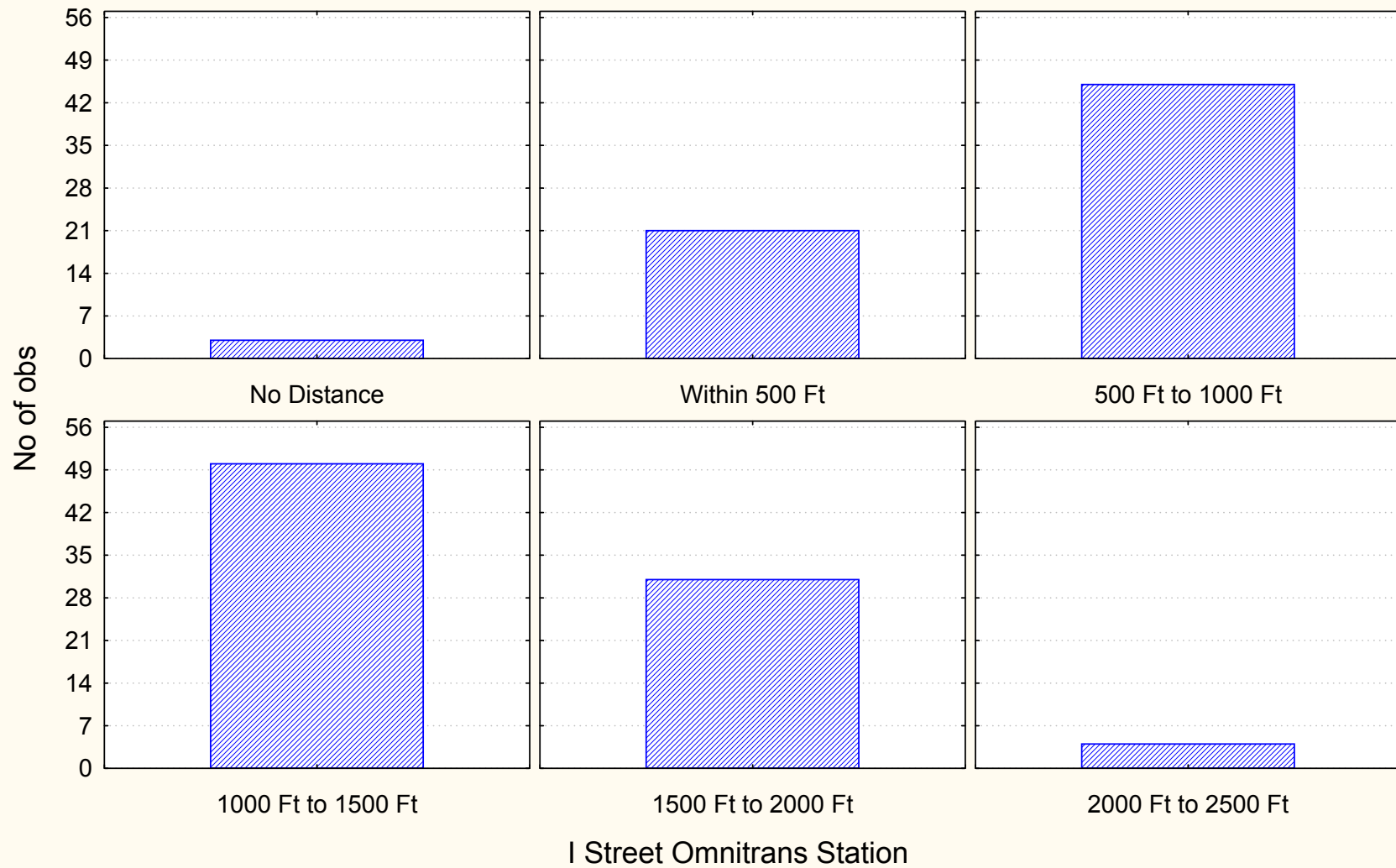
# Years Living In Residence 5th Street Residents



Number of Respondents Surveyed Near 5th Street



Number of Respondents Surveyed Near I Street

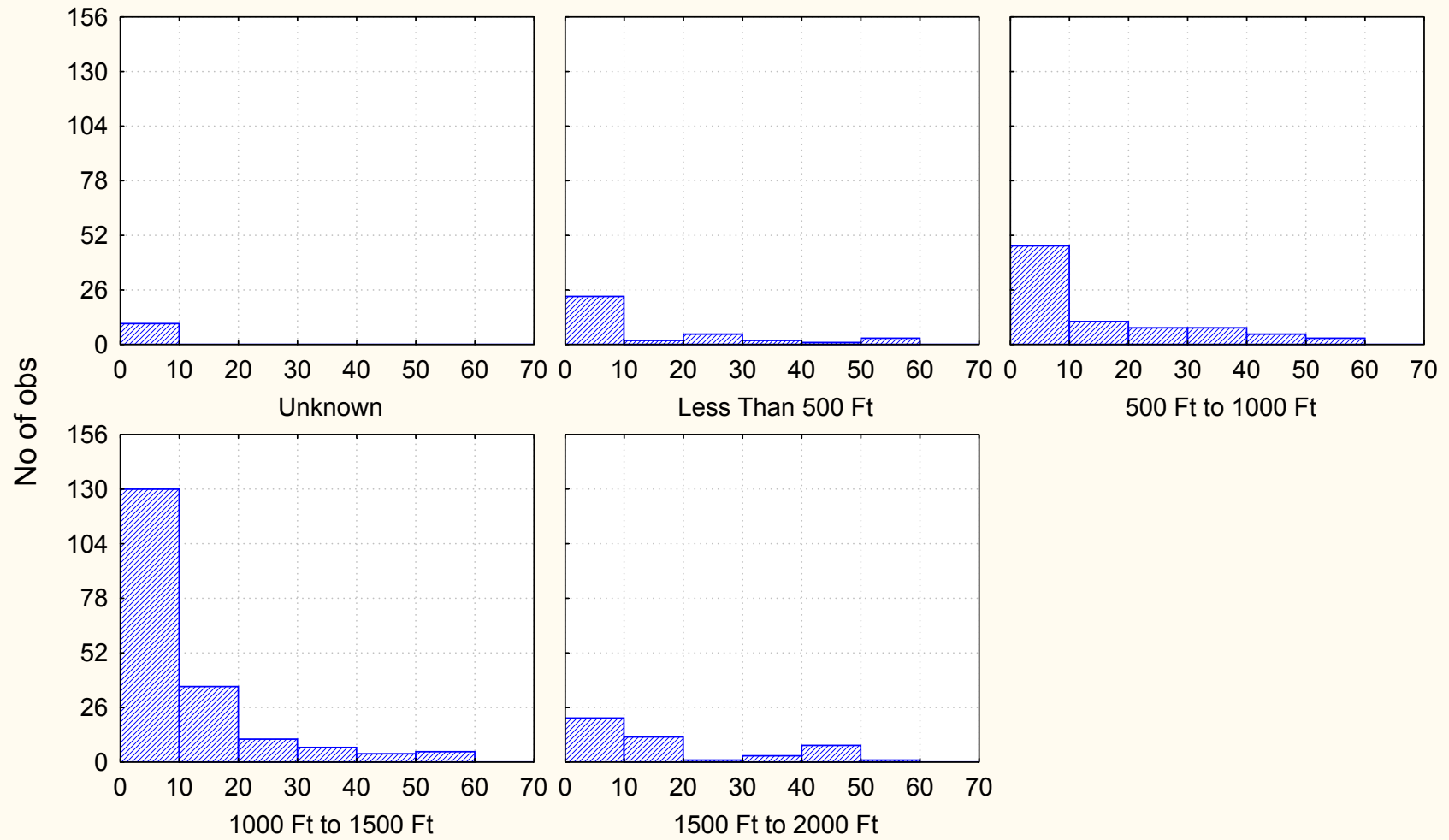


Number of Respondents Surveyed Near Montclair



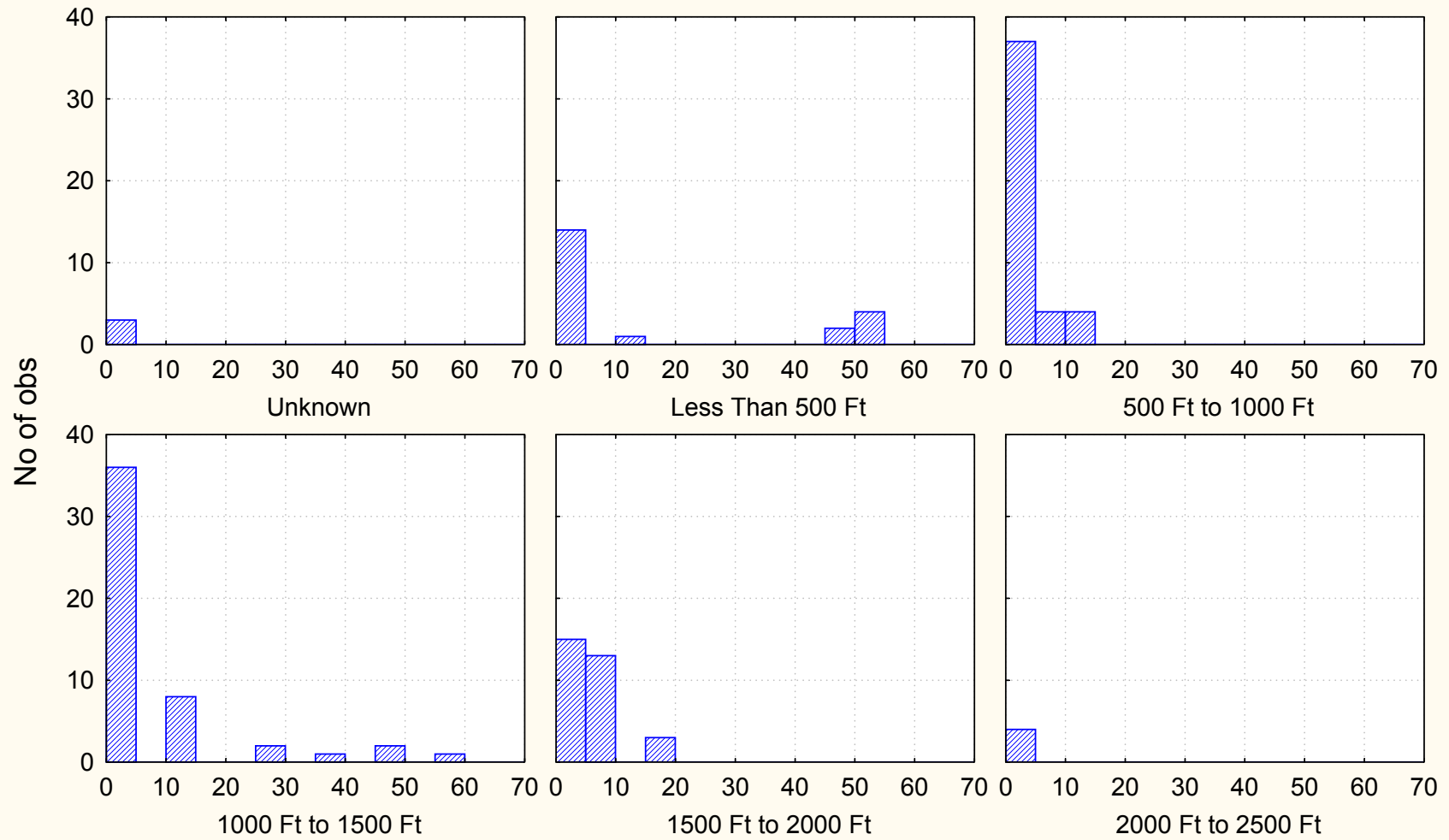


# Years Living In Residence 5th Street Residents

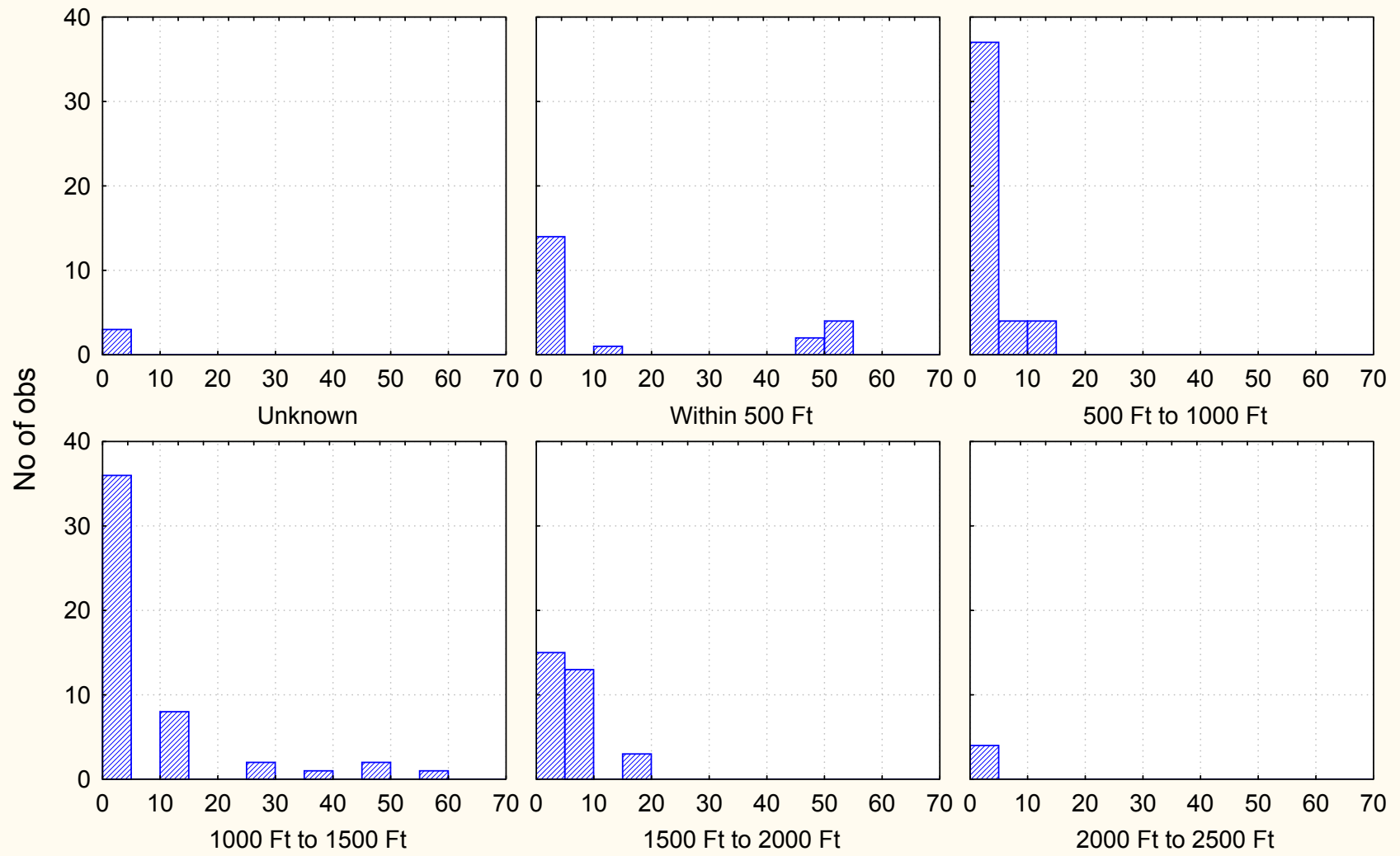


## Years Living At Current Residence

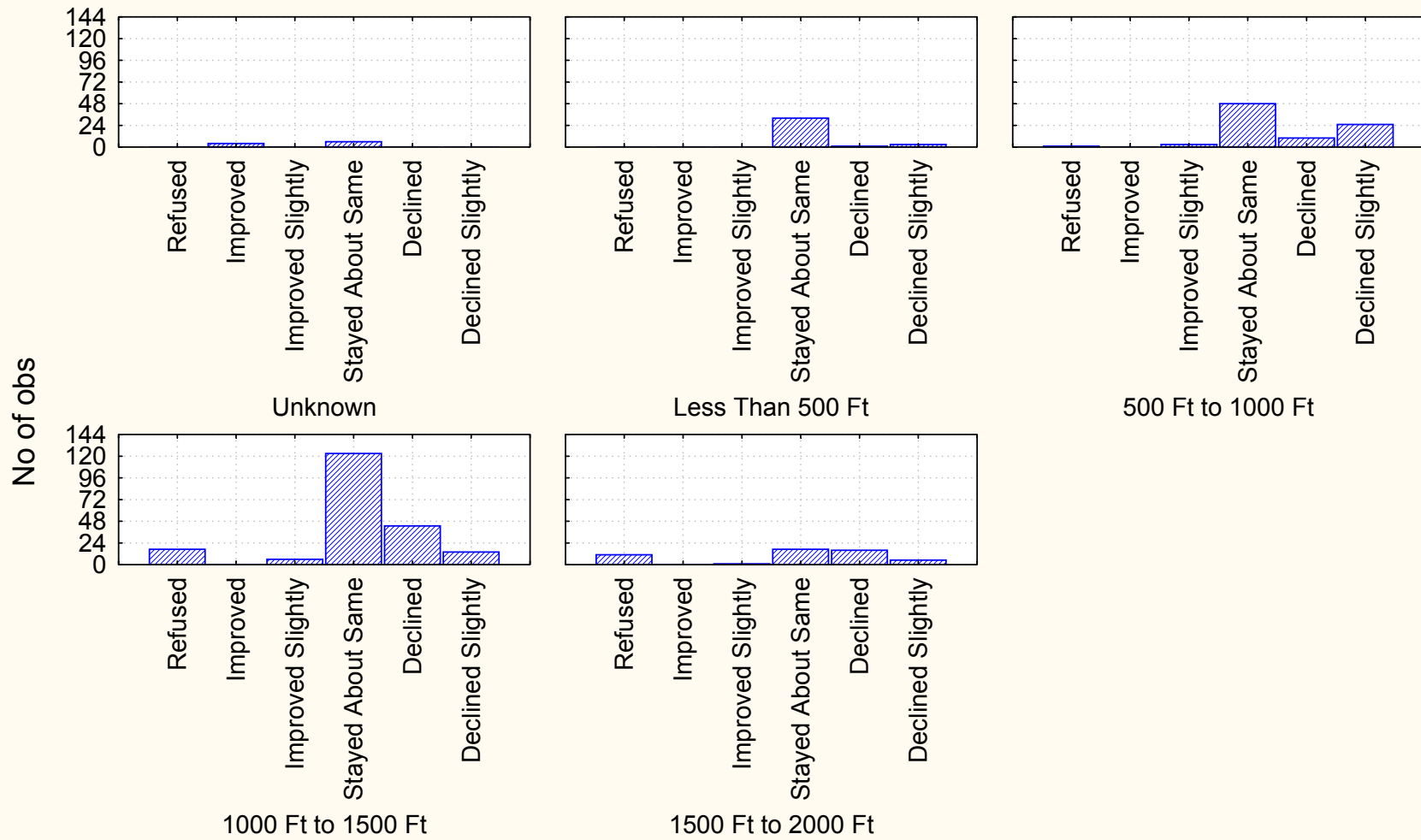
### I Street Residents



### Years Living at Current Residence Near Montclair

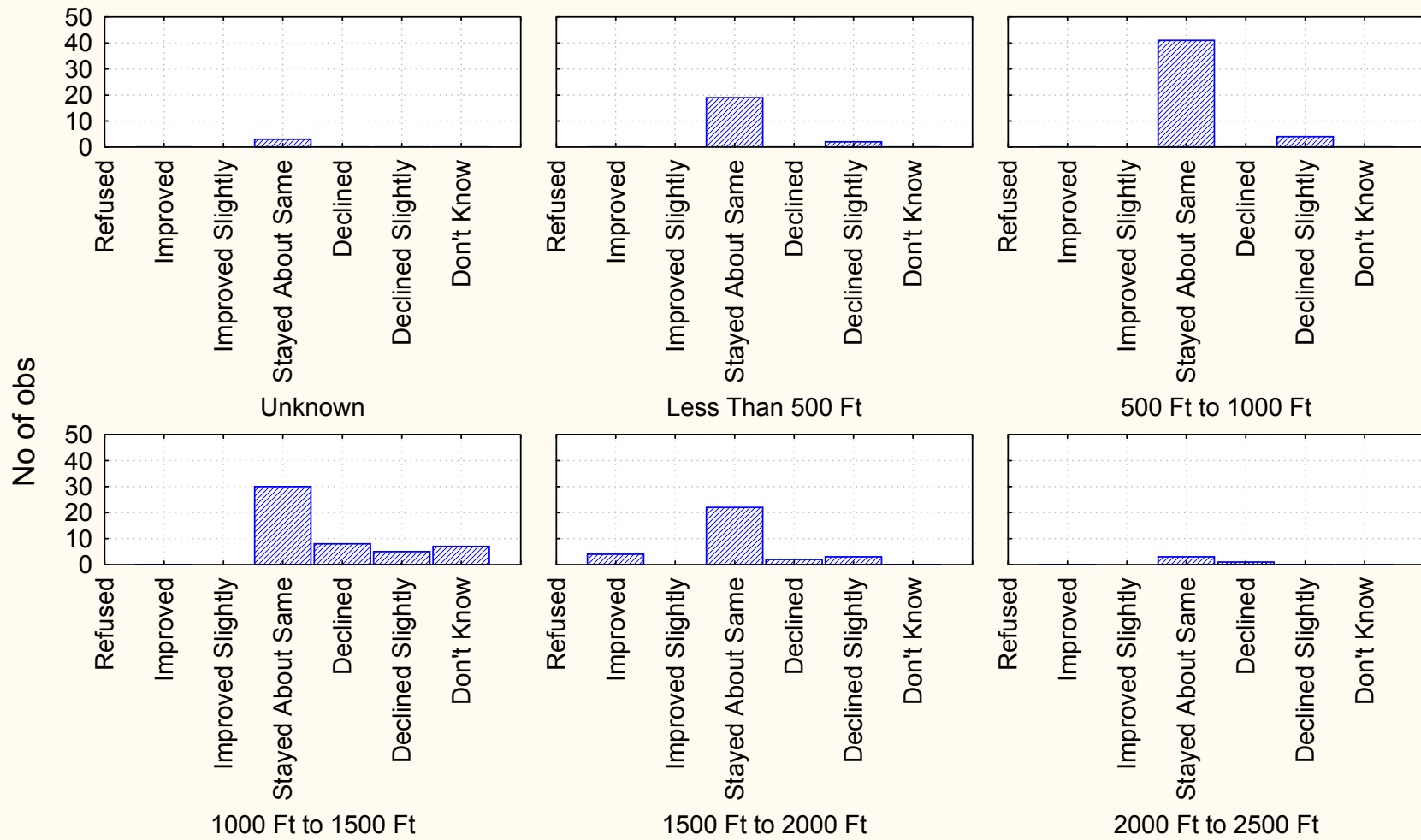


## Self Reported 5 Year Health Status 5th Street Residents

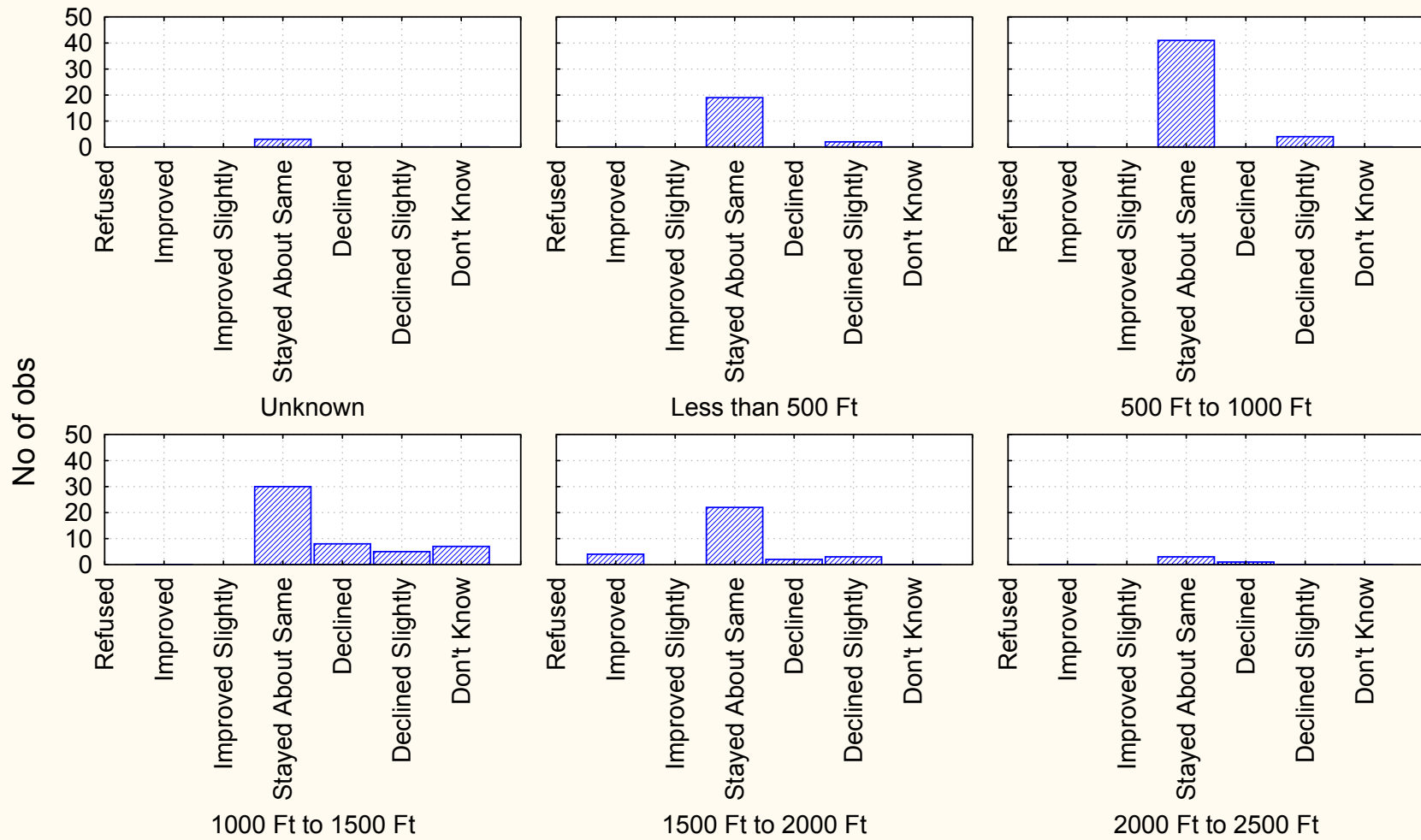


## Self Reported 5 Year Health Status

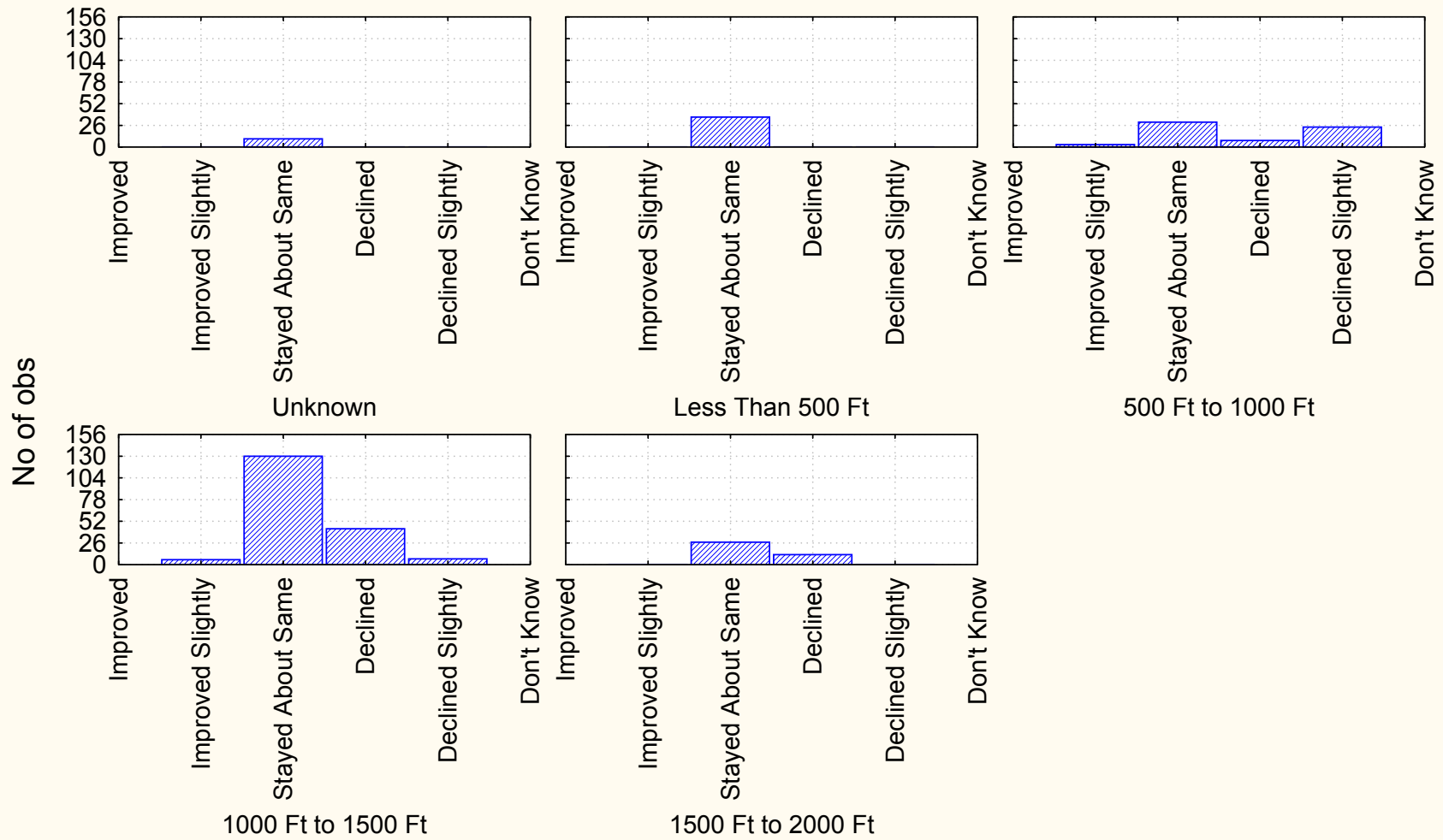
### I Street Residents



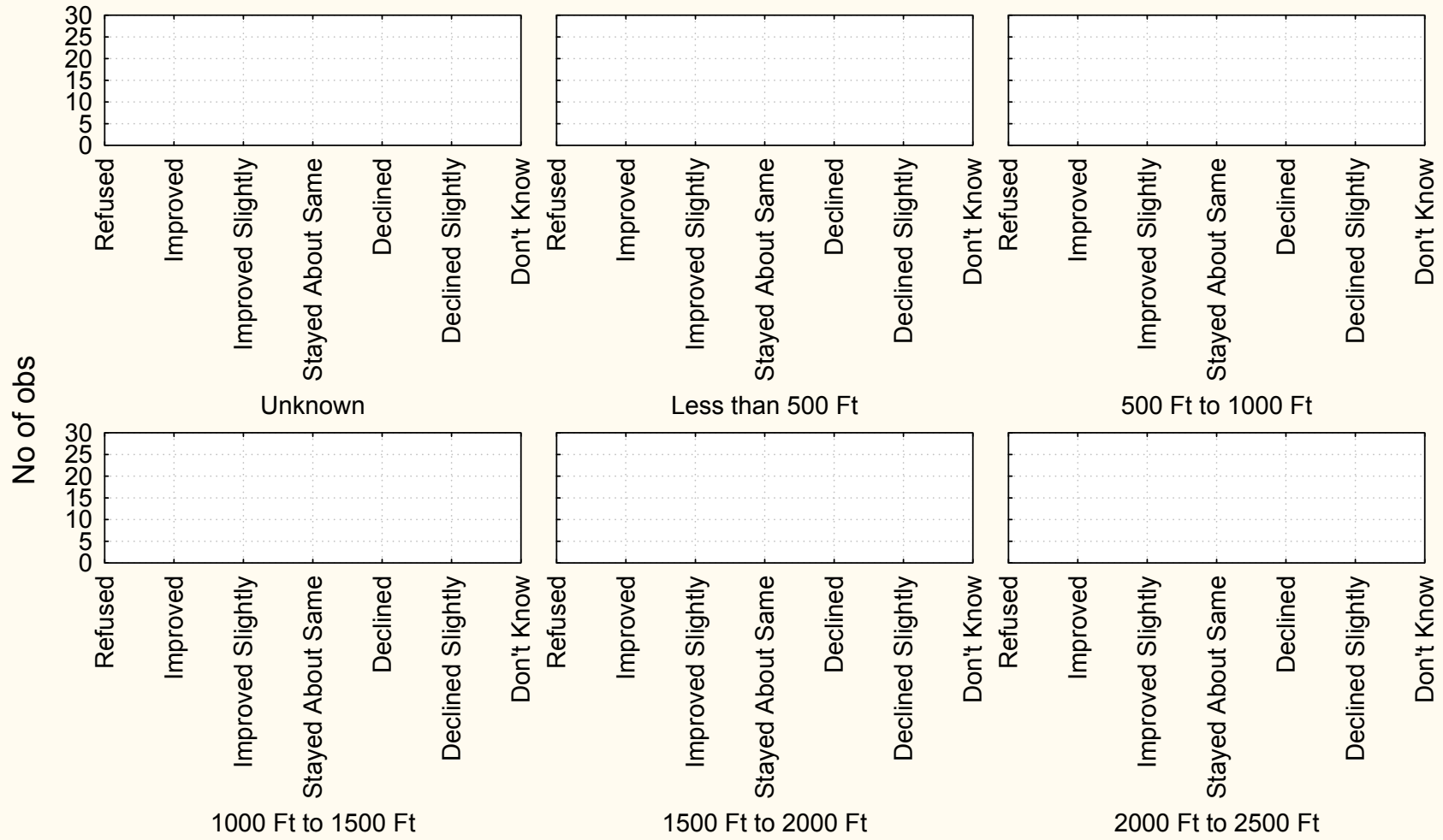
## Self Reported 5 Year Health Status Arrow Highway Residents



## Self Reported 3 Year Health Status 5th Street Residents

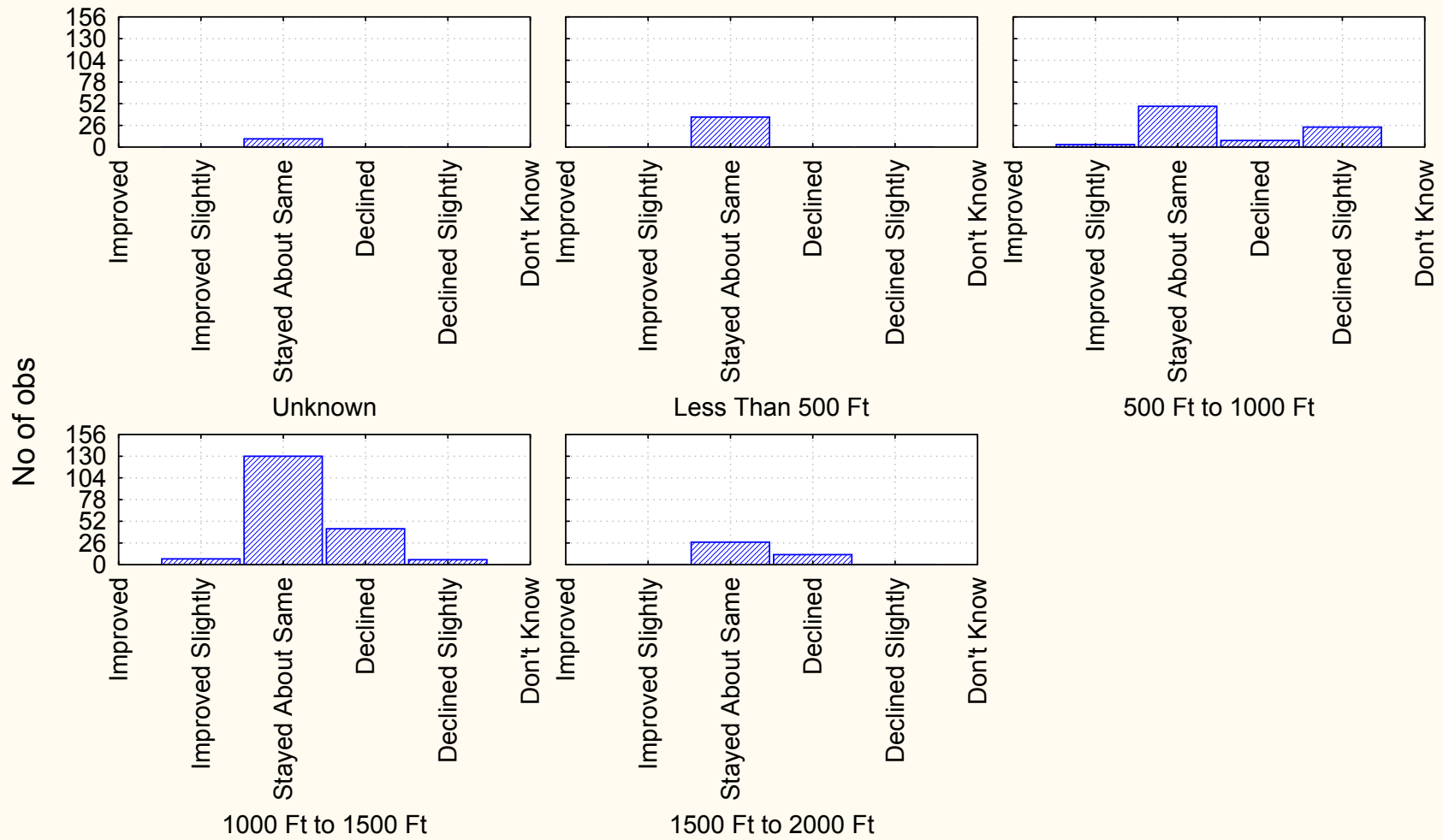


## Self Reported 3 Year Health Status I Street Residents



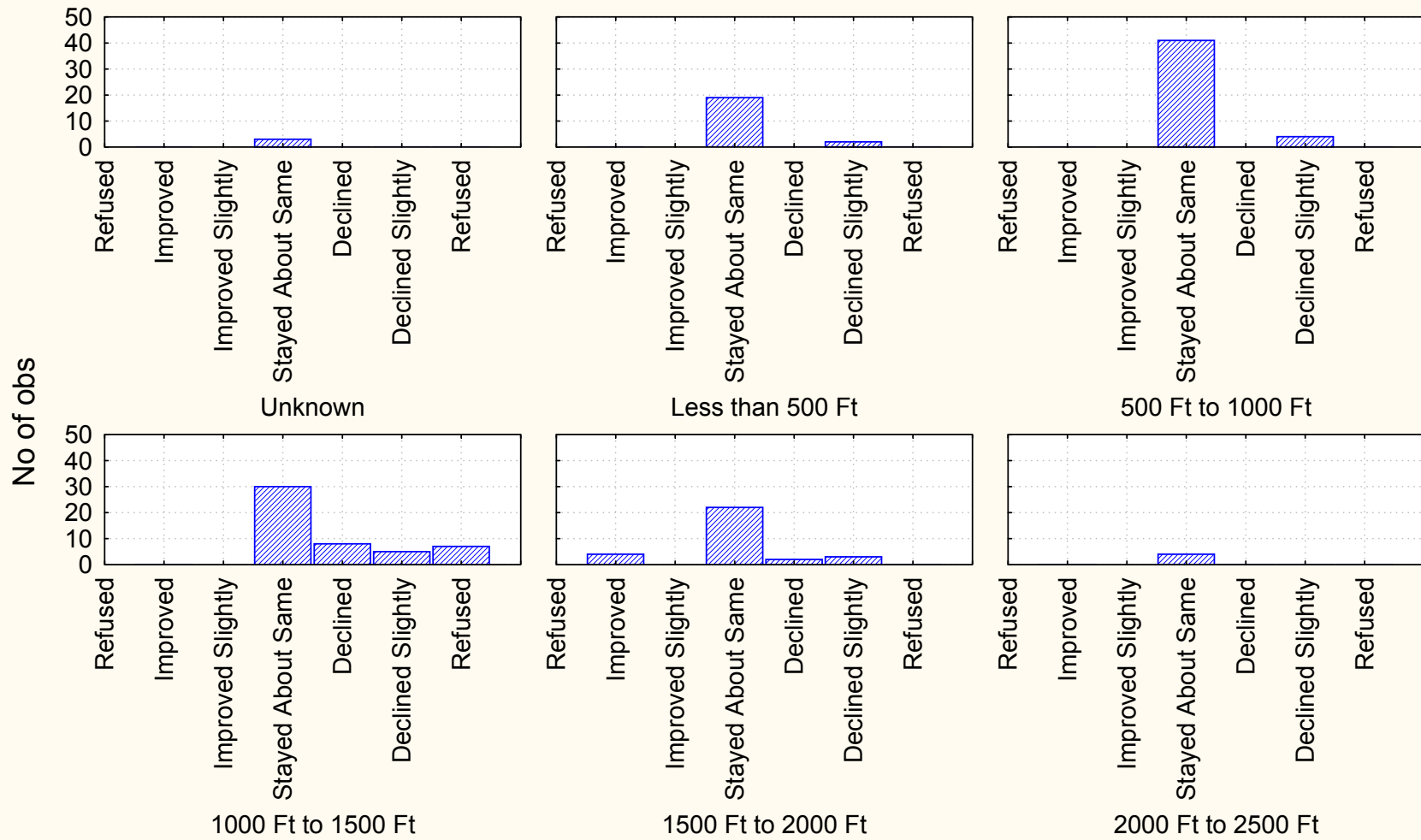


## Self Reported 1 Year Health Status 5th Street Residents



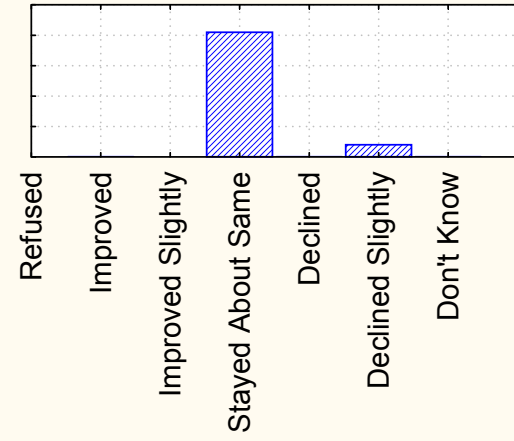
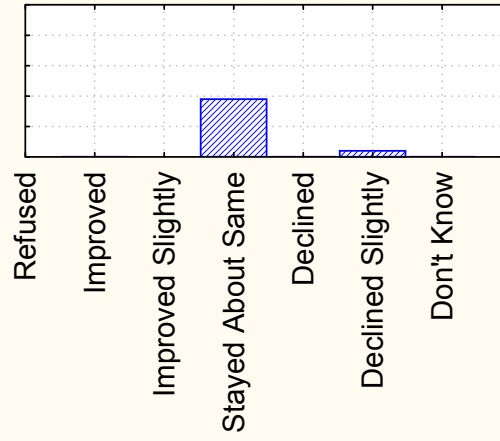
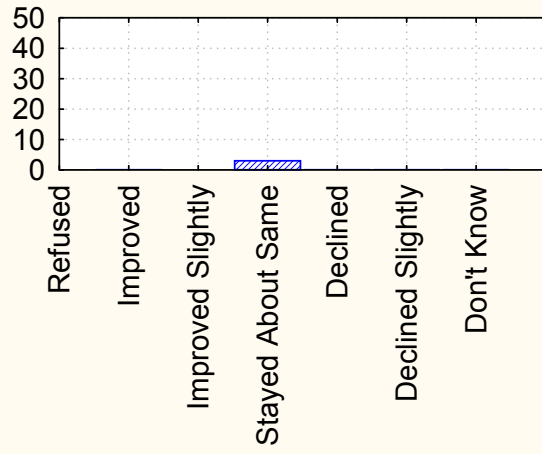
## Self Reported 1 Year Health Status

### I Street Residents



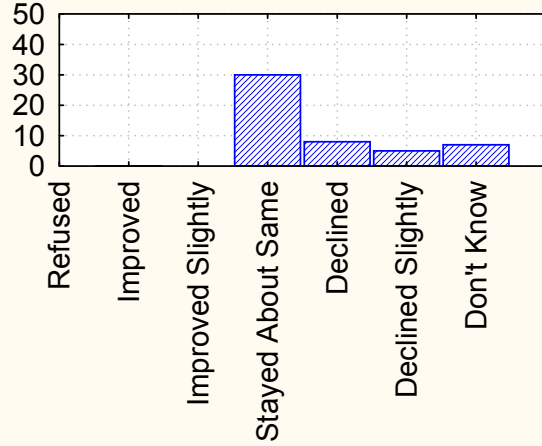
## Self Reported 1 Year Health Status

### Arrow Highway

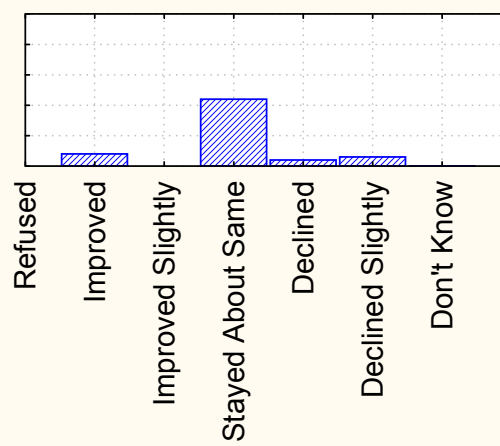


No of obs

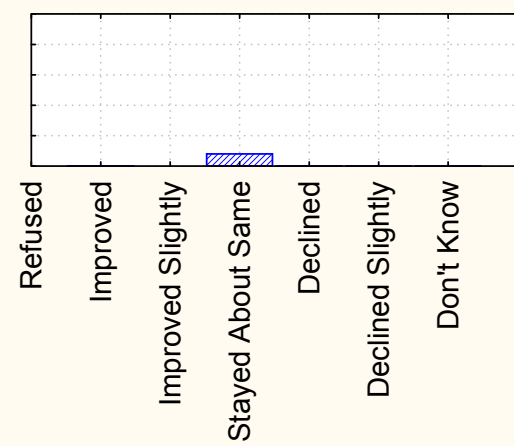
### Unknown



### Less Than 500 Ft



### 500 Ft to 1000 Ft

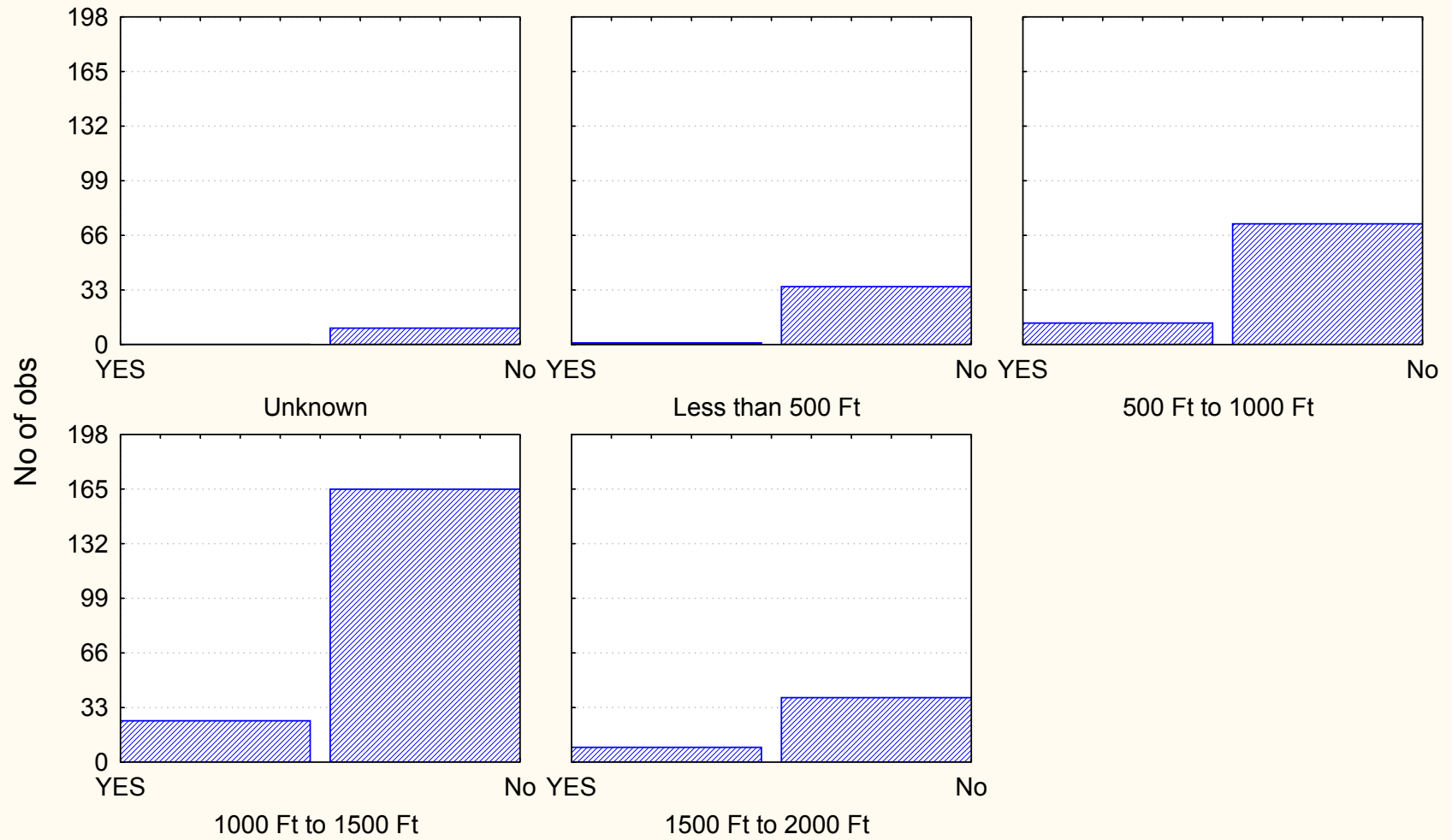


### 1000 Ft to 1500 Ft

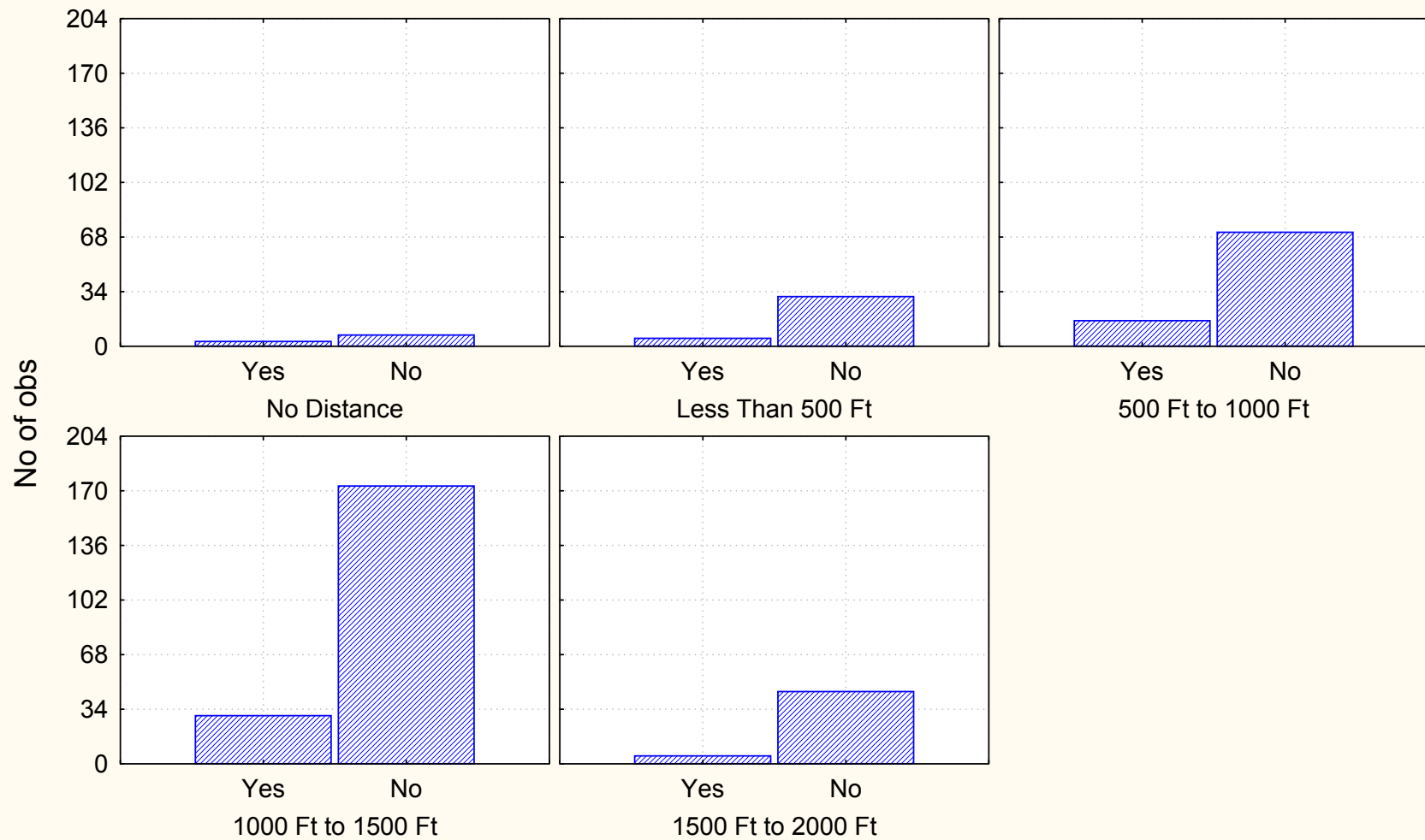
### 1500 Ft to 2000 Ft

### 2000 Ft to 2500 Ft

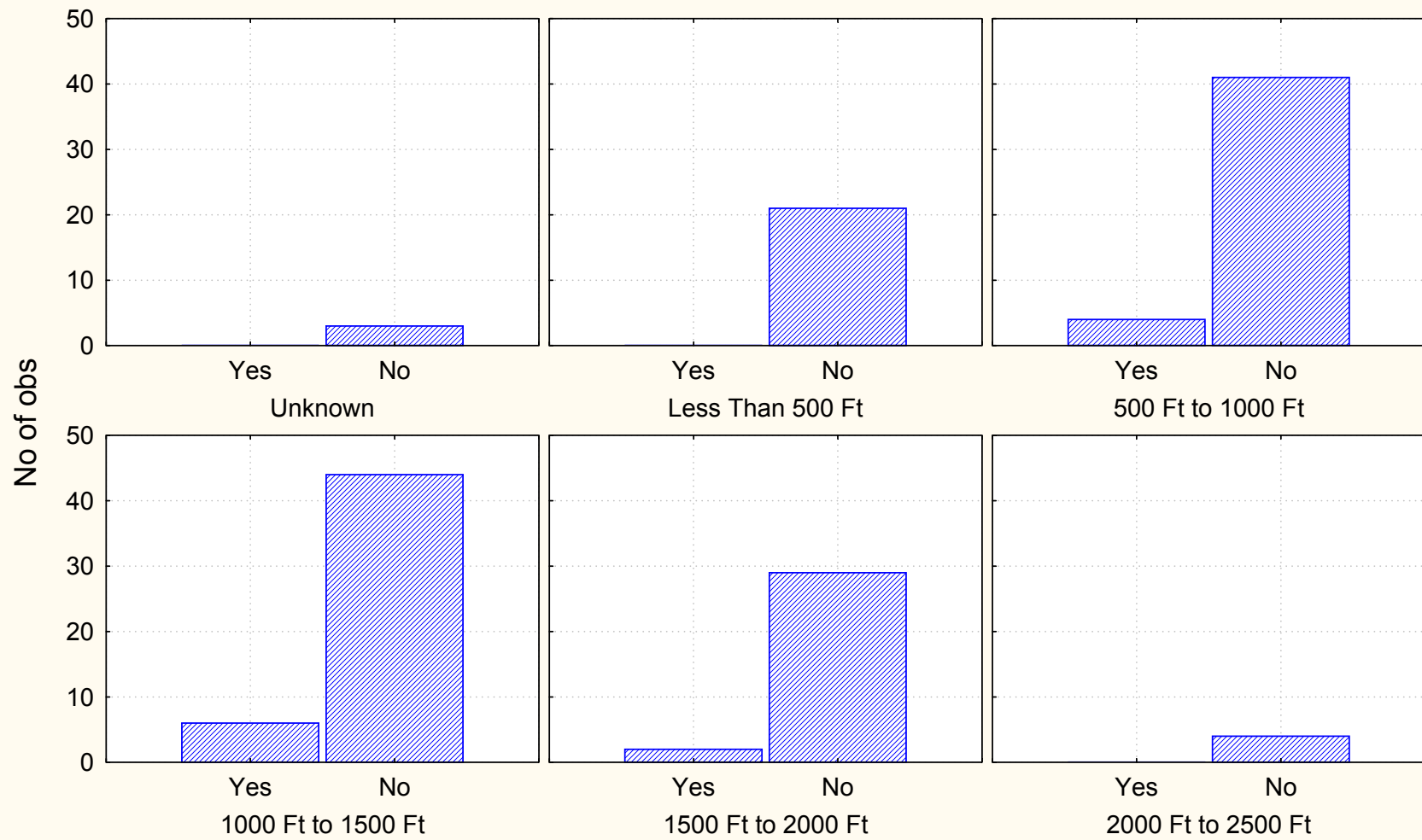
# Have Activities Become Limited 5th Street Residents



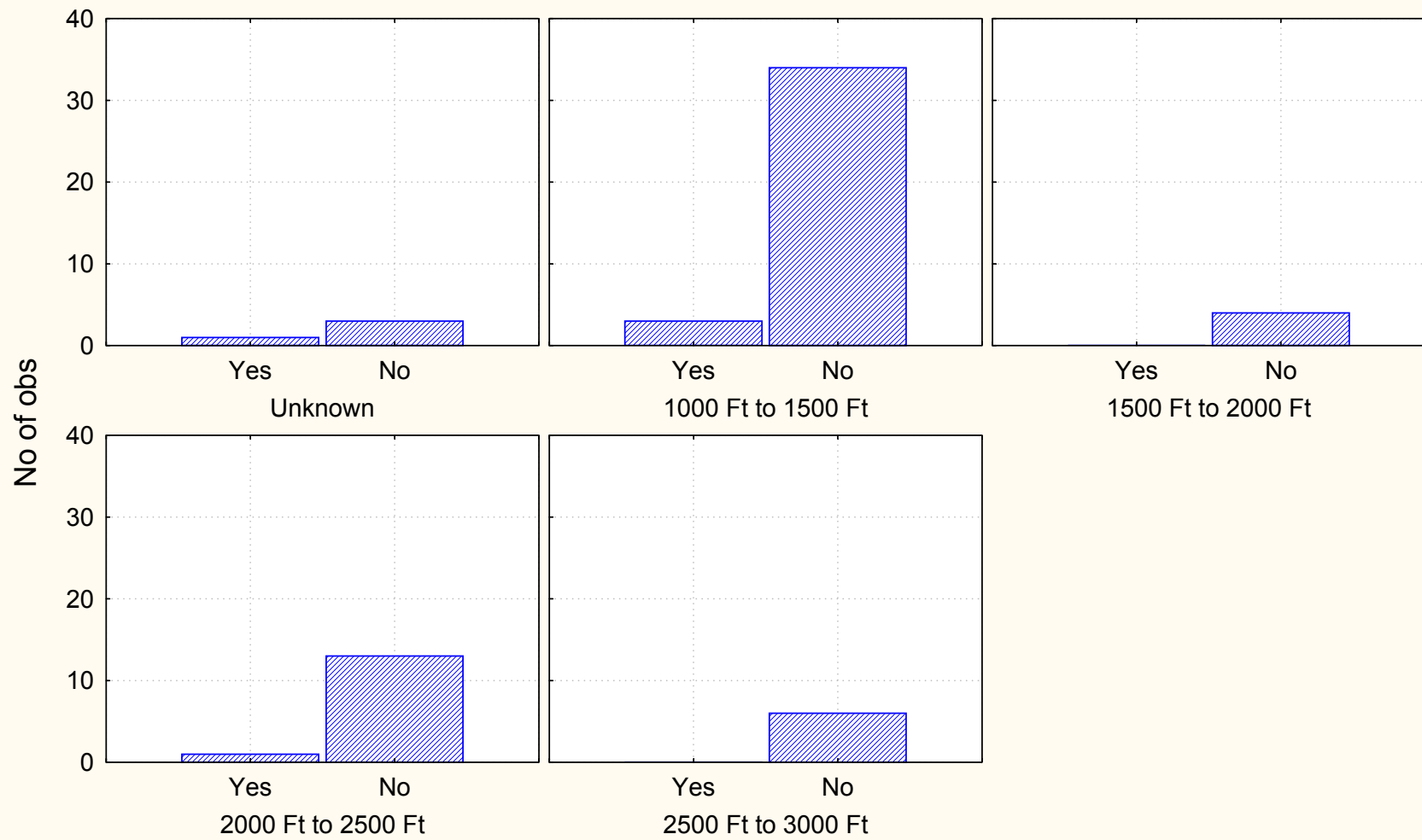
# Self Reported Asthma 5th Street Residents



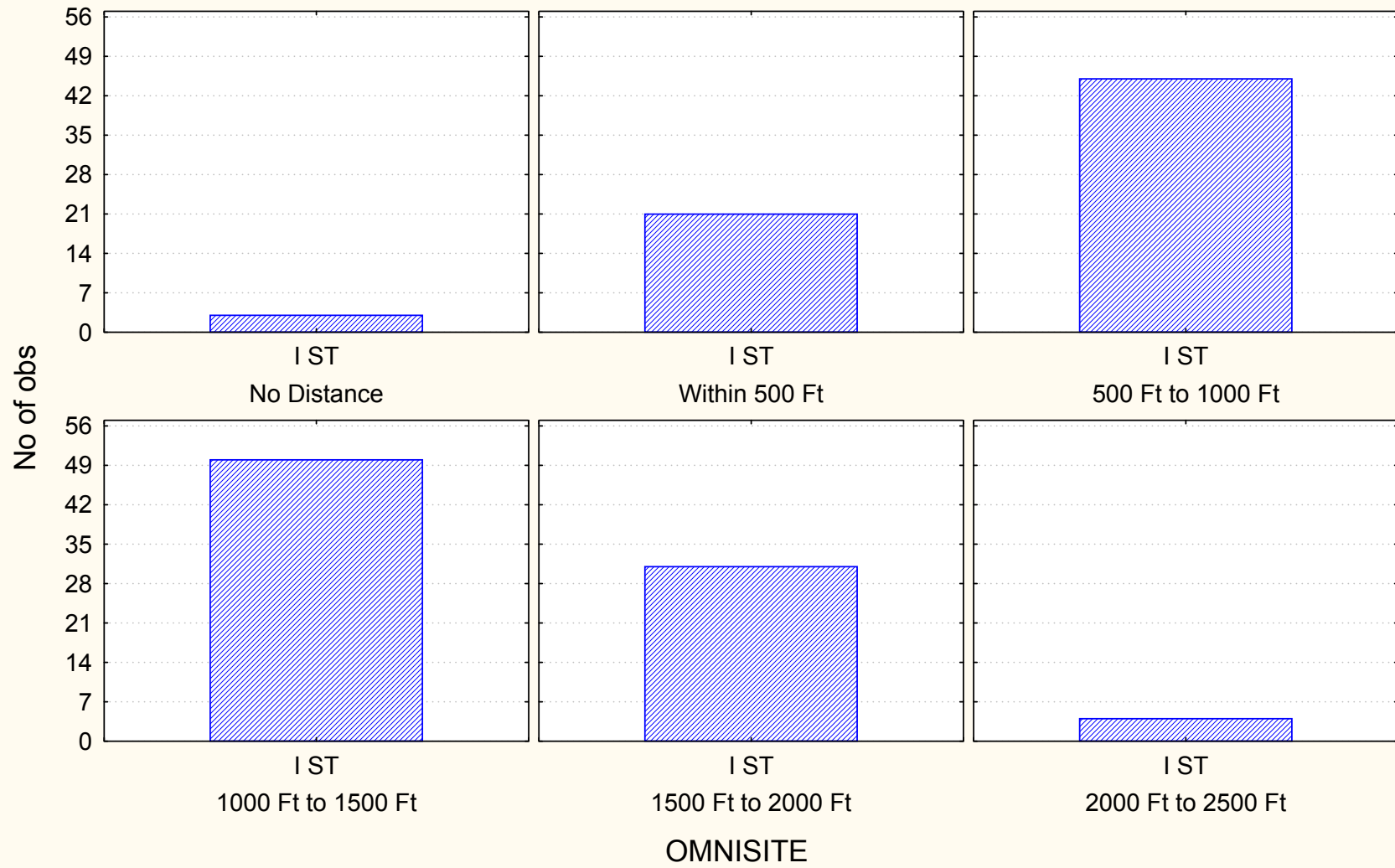
# Self Report Asthma I Street Residents



# Self Reported Asthma Montclair Residents



Number of Respondents Surveyed Near Montclair

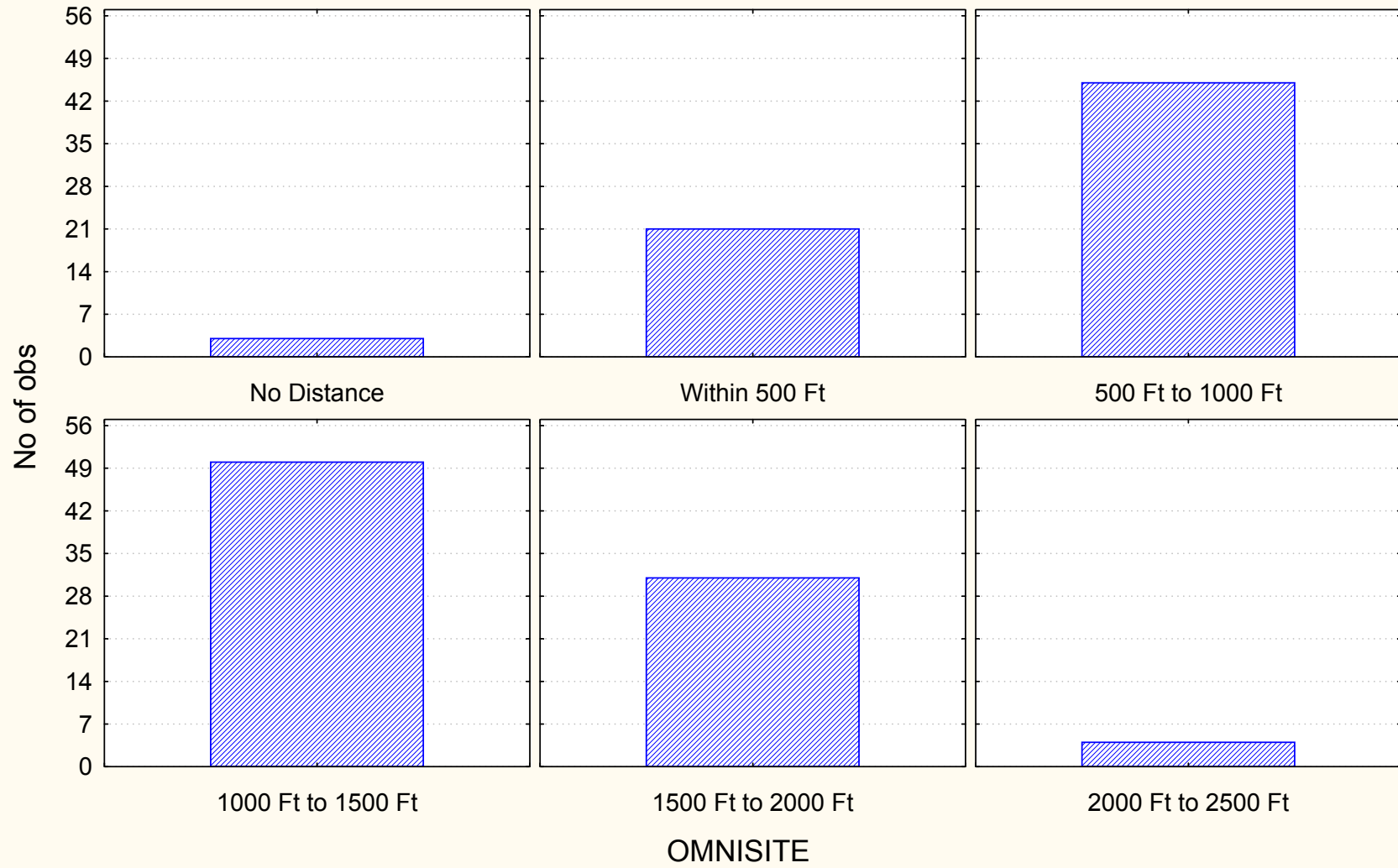




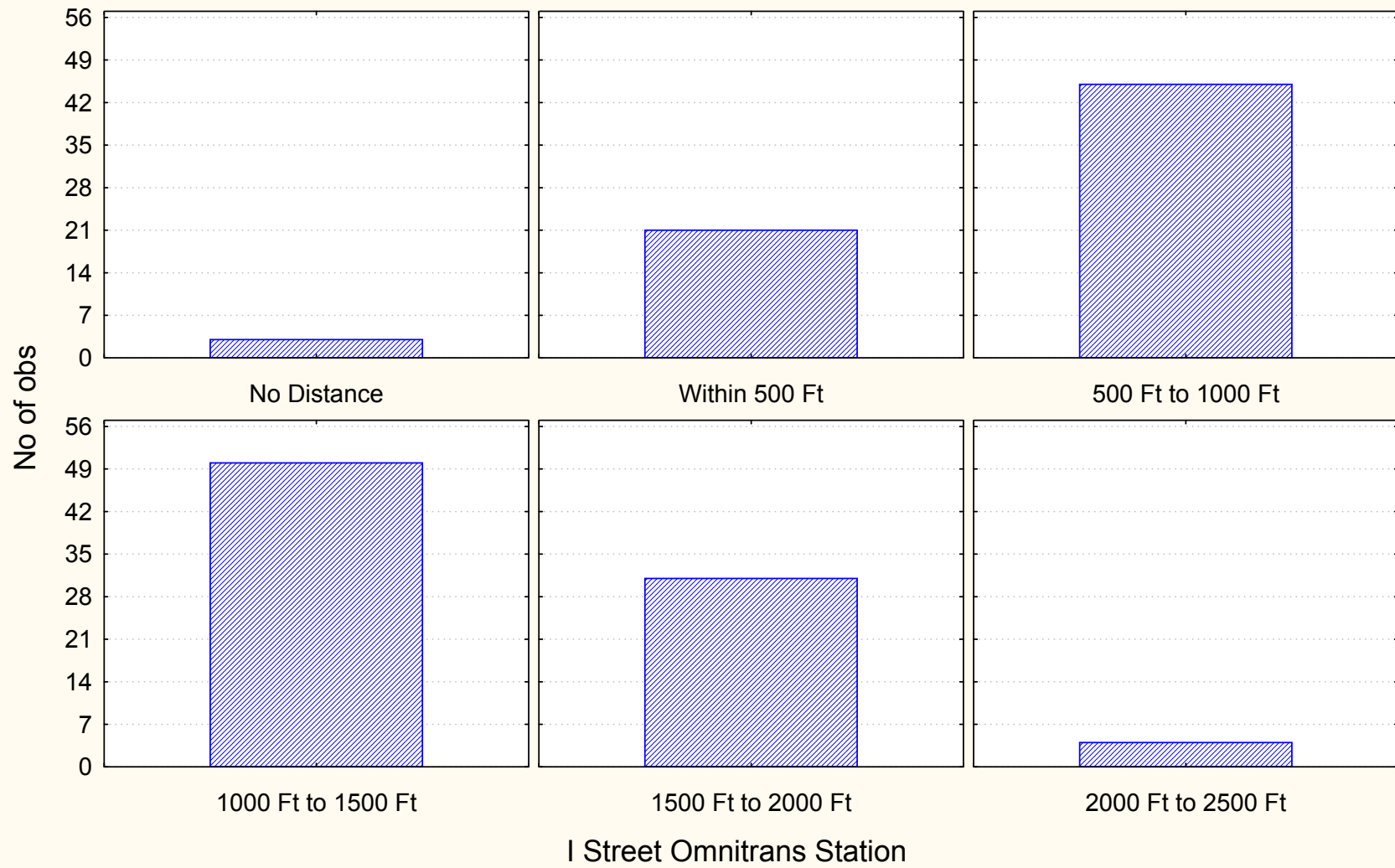
# Have Activities Become Limited 5th Street Residents



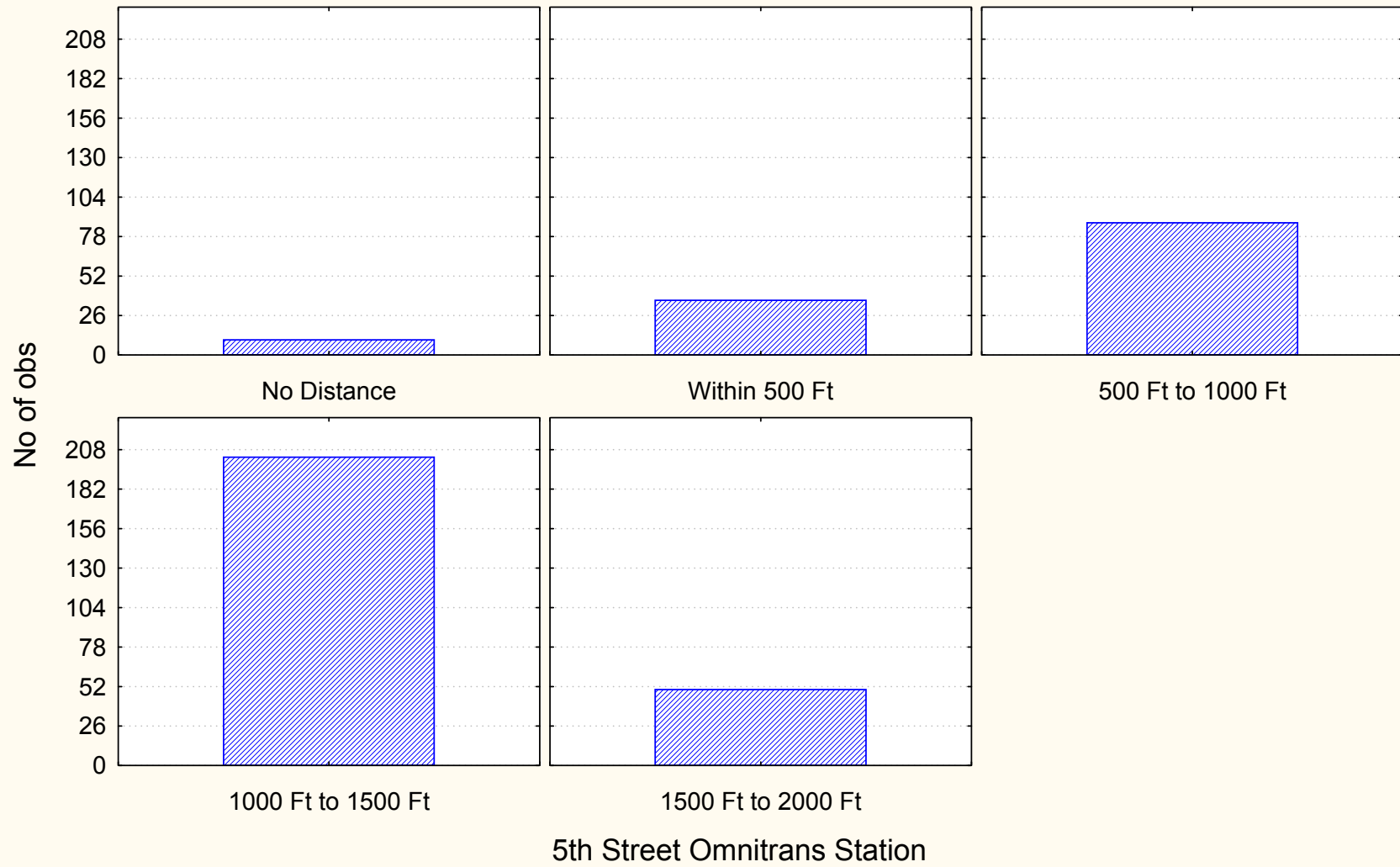
Number of Respondents Surveyed Near Montclair



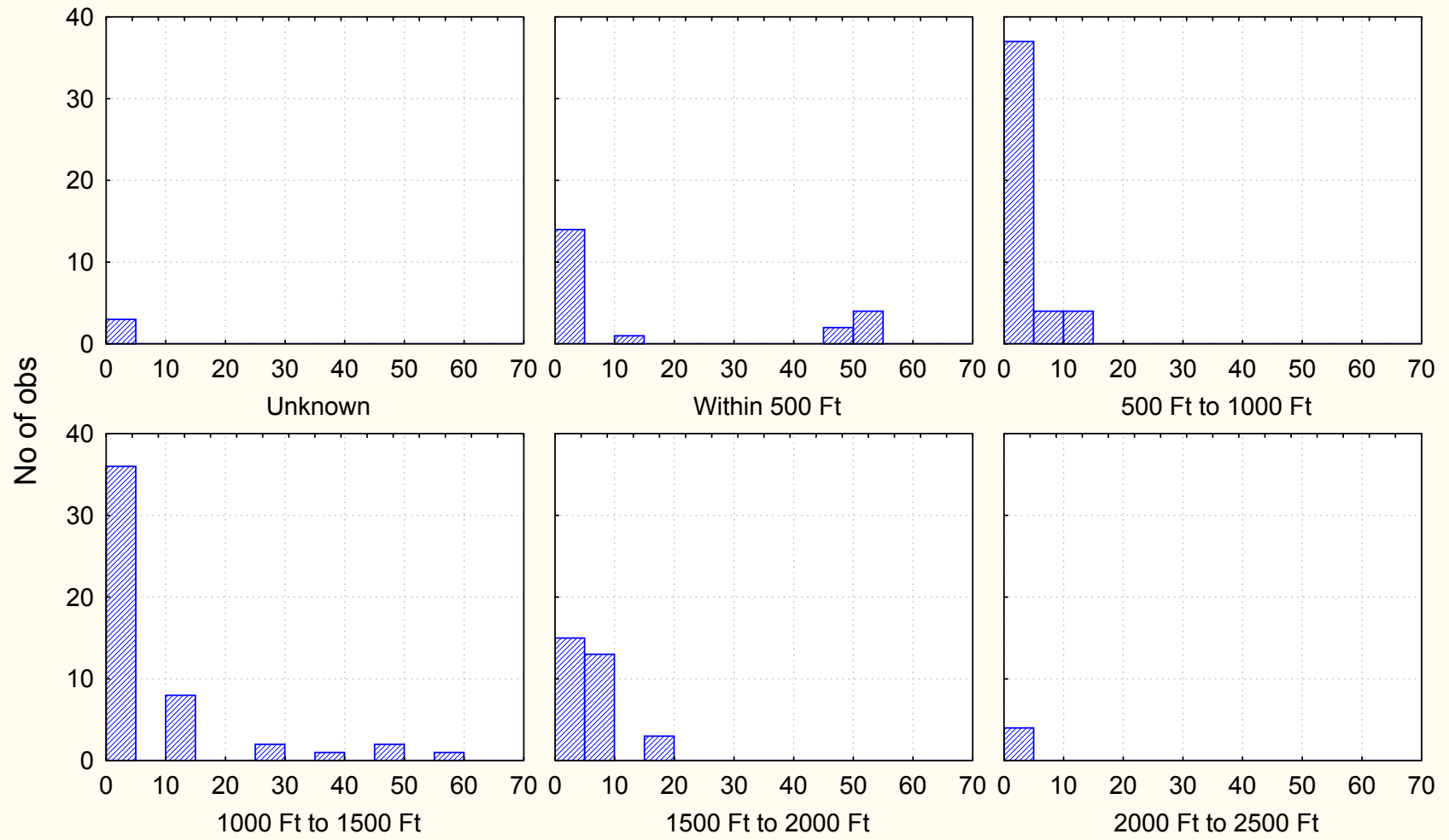
Number of Respondents Surveyed Near I Street



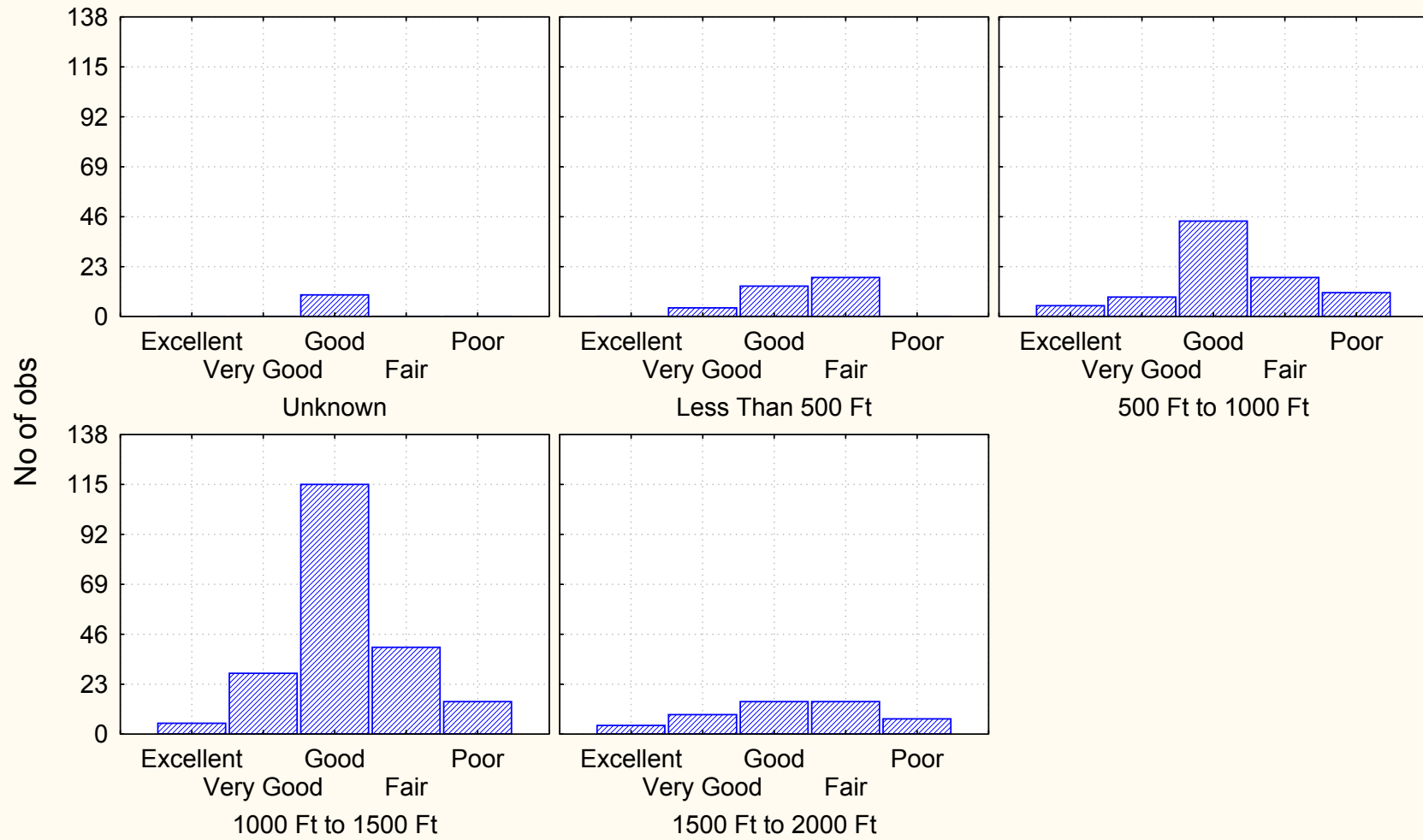
Number of Respondents Surveyed Near 5th Street



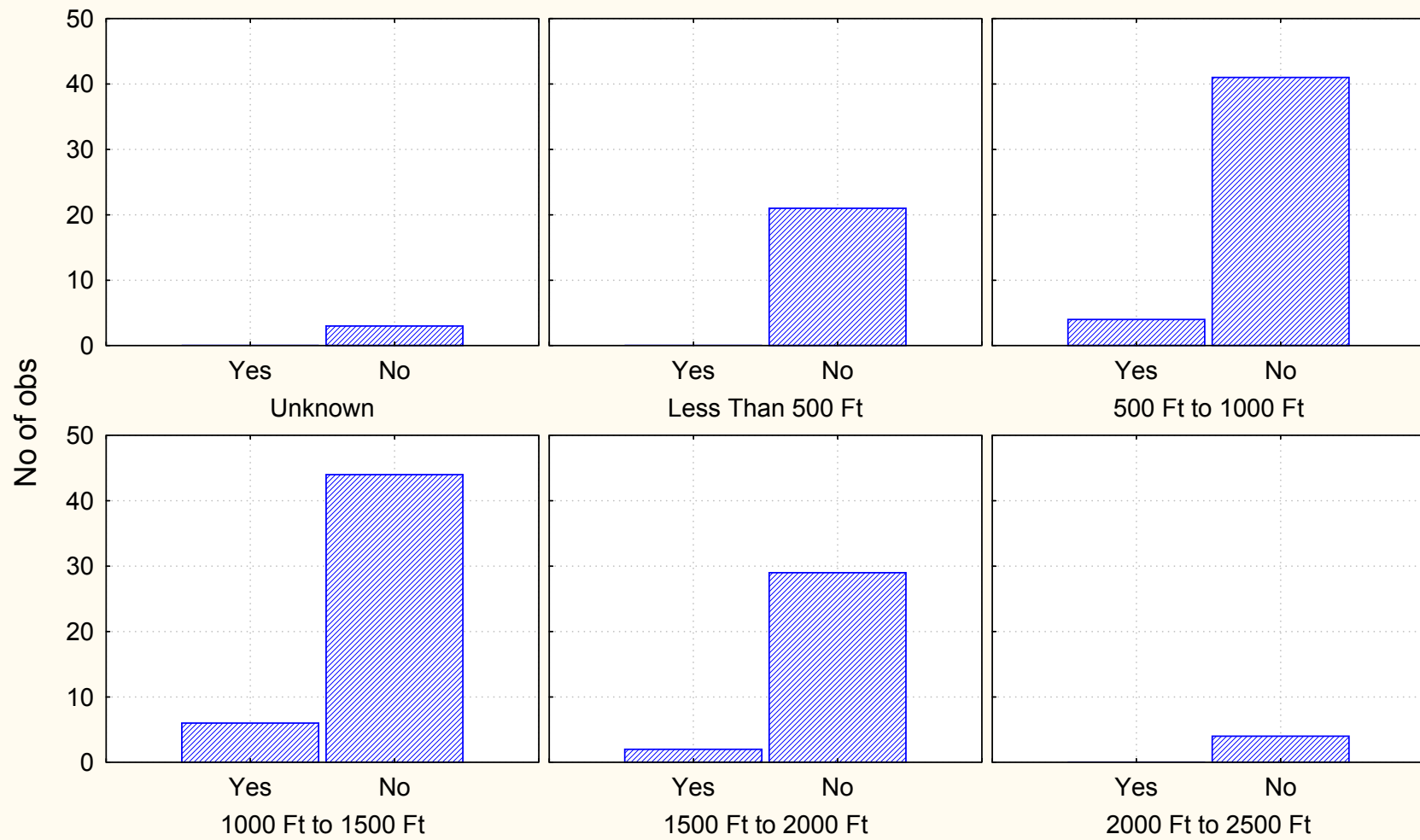
Years Living at Current Residence  
Arrow Highway Residents



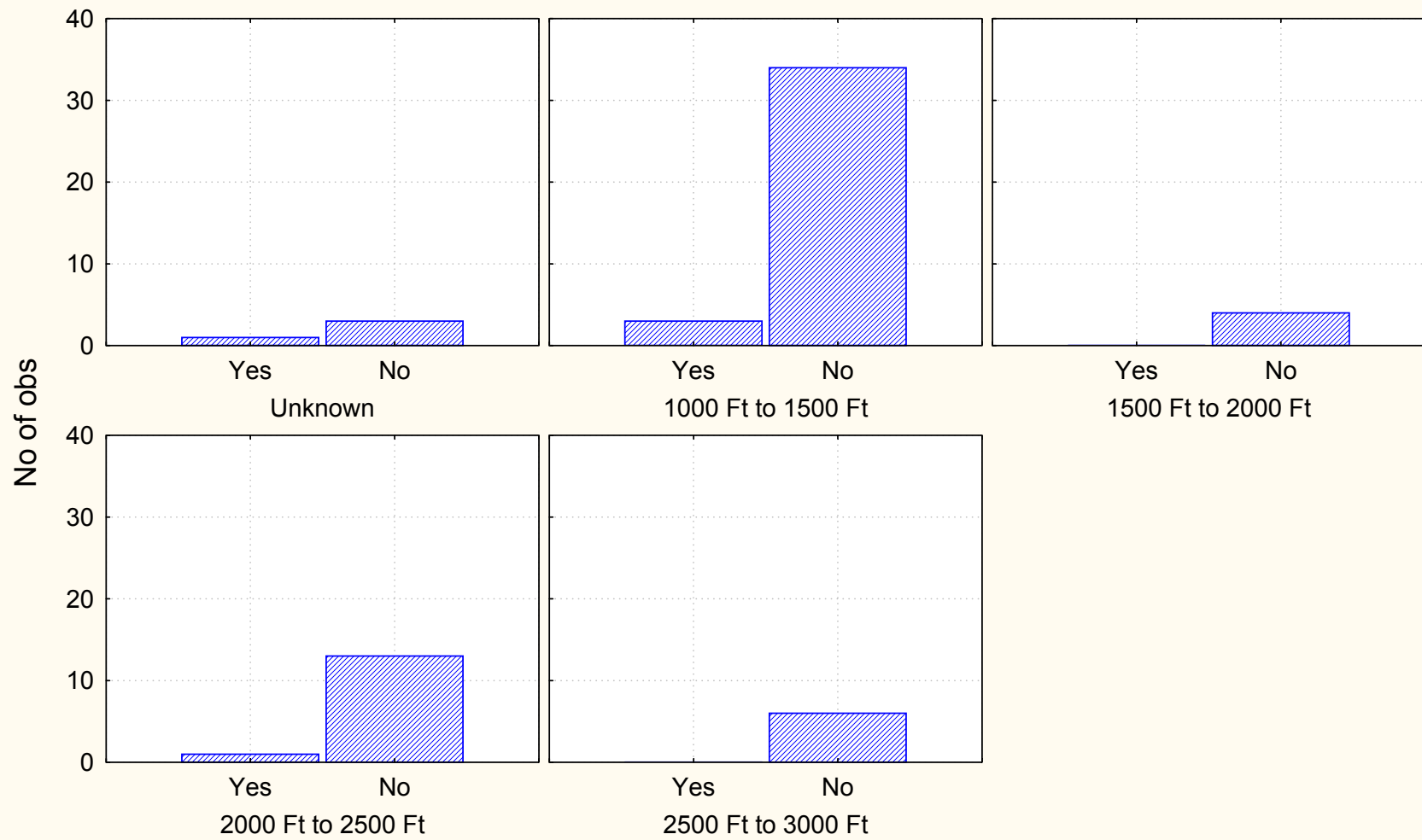
# Self Reported Health Status 5th Street Residents



# Self Report Asthma I Street Residents



# Self Reported Asthma Montclair Residents





VISION (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 332   | 332              | 86.01   | 86.01   |
| Yes     | 54    | 386              | 13.99   | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

VISION YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 340   | 340              | 88.08   | 88.08   |
| 1.00000 | 5     | 345              | 1.30    | 89.38   |
| 2.00000 | 7     | 352              | 1.81    | 91.19   |
| 3.00000 | 6     | 358              | 1.55    | 92.75   |
| 4.00000 | 1     | 359              | 0.26    | 93.01   |
| 5.00000 | 4     | 363              | 1.04    | 94.04   |
| 7.00000 | 2     | 365              | 0.52    | 94.56   |
| 8.00000 | 3     | 368              | 0.78    | 95.34   |
| 9.00000 | 1     | 369              | 0.26    | 95.60   |
| 10.0000 | 5     | 374              | 1.30    | 96.89   |
| 13.0000 | 3     | 377              | 0.78    | 97.67   |
| 15.0000 | 1     | 378              | 0.26    | 97.93   |
| 20.0000 | 3     | 381              | 0.78    | 98.70   |
| 32.0000 | 1     | 382              | 0.26    | 98.96   |
| 40.0000 | 2     | 384              | 0.52    | 99.48   |
| 58.0000 | 1     | 385              | 0.26    | 99.74   |
| 61.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

VISION (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 60    | 60               | 15.54   | 15.54   |
| Yes     | 5     | 65               | 1.30    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

VISION YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 60    | 60               | 15.54   | 15.54   |
| 4.00000 | 1     | 61               | 0.26    | 15.80   |
| 12.0000 | 2     | 63               | 0.52    | 16.32   |
| 17.0000 | 1     | 64               | 0.26    | 16.58   |
| 20.0000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

VISION (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 140   | 140              | 36.27   | 36.27   |
| Yes     | 14    | 154              | 3.63    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

VISION YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 140   | 140              | 36.27   | 36.27   |
| .500000 | 1     | 141              | 0.26    | 36.53   |
| 2.00000 | 1     | 142              | 0.26    | 36.79   |
| 5.00000 | 2     | 144              | 0.52    | 37.31   |
| 6.00000 | 2     | 146              | 0.52    | 37.82   |
| 10.0000 | 3     | 149              | 0.78    | 38.60   |
| 13.0000 | 1     | 150              | 0.26    | 38.86   |
| 14.0000 | 1     | 151              | 0.26    | 39.12   |
| 21.0000 | 1     | 152              | 0.26    | 39.38   |
| 30.0000 | 1     | 153              | 0.26    | 39.64   |
| 41.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

ARTHRITIS (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 361   | 361              | 93.52   | 93.52   |
| Yes     | 25    | 386              | 6.48    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

ARTHRITIS YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 363   | 363              | 94.04   | 94.04   |
| 1.00000 | 2     | 365              | 0.52    | 94.56   |
| 2.00000 | 2     | 367              | 0.52    | 95.08   |
| 3.00000 | 2     | 369              | 0.52    | 95.60   |
| 4.00000 | 5     | 374              | 1.30    | 96.89   |
| 5.00000 | 3     | 377              | 0.78    | 97.67   |
| 10.0000 | 2     | 379              | 0.52    | 98.19   |
| 12.0000 | 1     | 380              | 0.26    | 98.45   |
| 13.0000 | 1     | 381              | 0.26    | 98.70   |
| 15.0000 | 2     | 383              | 0.52    | 99.22   |
| 18.0000 | 1     | 384              | 0.26    | 99.48   |
| 20.0000 | 1     | 385              | 0.26    | 99.74   |
| 30.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

ARTHRITIS (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

ARTHRITIS YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

ARTHRITIS (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 150   | 150              | 38.86   | 38.86   |
| Yes     | 4     | 154              | 1.04    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

ARTHRITIS YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 150   | 150              | 38.86   | 38.86   |
| .666667 | 1     | 151              | 0.26    | 39.12   |
| 2.00000 | 1     | 152              | 0.26    | 39.38   |
| 5.00000 | 1     | 153              | 0.26    | 39.64   |
| 10.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

HEARING (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 367   | 367              | 95.08   | 95.08   |
| Yes     | 19    | 386              | 4.92    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HEARING YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 370   | 370              | 95.85   | 95.85   |
| 1.00000 | 1     | 371              | 0.26    | 96.11   |
| 2.00000 | 1     | 372              | 0.26    | 96.37   |
| 3.00000 | 1     | 373              | 0.26    | 96.63   |
| 5.00000 | 2     | 375              | 0.52    | 97.15   |
| 10.0000 | 3     | 378              | 0.78    | 97.93   |
| 12.0000 | 1     | 379              | 0.26    | 98.19   |
| 15.0000 | 1     | 380              | 0.26    | 98.45   |
| 19.0000 | 1     | 381              | 0.26    | 98.70   |
| 20.0000 | 2     | 383              | 0.52    | 99.22   |
| 30.0000 | 2     | 385              | 0.52    | 99.74   |
| 70.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HEARING (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HEARING YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HEARING (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 150   | 150              | 38.86   | 38.86   |
| Yes     | 4     | 154              | 1.04    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

HEARING YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 150   | 150              | 38.86   | 38.86   |
| .500000 | 1     | 151              | 0.26    | 39.12   |
| 5.00000 | 1     | 152              | 0.26    | 39.38   |
| 20.0000 | 2     | 154              | 0.52    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

BACK (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 365   | 365              | 94.56   | 94.56   |
| Yes     | 21    | 386              | 5.44    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

BACK YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 367   | 367              | 95.08   | 95.08   |
| .666670 | 1     | 368              | 0.26    | 95.34   |
| 2.00000 | 2     | 370              | 0.52    | 95.85   |
| 3.00000 | 1     | 371              | 0.26    | 96.11   |
| 4.00000 | 4     | 375              | 1.04    | 97.15   |
| 5.00000 | 2     | 377              | 0.52    | 97.67   |
| 7.00000 | 2     | 379              | 0.52    | 98.19   |
| 8.00000 | 1     | 380              | 0.26    | 98.45   |
| 10.0000 | 2     | 382              | 0.52    | 98.96   |
| 12.0000 | 1     | 383              | 0.26    | 99.22   |
| 20.0000 | 2     | 385              | 0.52    | 99.74   |
| 96.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

BACK (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

BACK YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

BACK (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 150   | 150              | 38.86   | 38.86   |
| Yes     | 4     | 154              | 1.04    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

BACK YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 150   | 150              | 38.86   | 38.86   |
| .500000 | 1     | 151              | 0.26    | 39.12   |
| 3.00000 | 1     | 152              | 0.26    | 39.38   |
| 5.00000 | 1     | 153              | 0.26    | 39.64   |
| 8.00000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

BONE (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 376   | 376              | 97.41   | 97.41   |
| Yes     | 10    | 386              | 2.59    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

BONE YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 376   | 376              | 97.41   | 97.41   |
| .250000 | 1     | 377              | 0.26    | 97.67   |
| 2.00000 | 4     | 381              | 1.04    | 98.70   |
| 3.00000 | 1     | 382              | 0.26    | 98.96   |
| 5.00000 | 2     | 384              | 0.52    | 99.48   |
| 10.0000 | 1     | 385              | 0.26    | 99.74   |
| 12.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

BONE (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

BONE YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

BONE (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

BONE YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 2.00000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

OTHER (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 383   | 383              | 99.22   | 99.22   |
| Yes     | 3     | 386              | 0.78    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

OTHER YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 383   | 383              | 99.22   | 99.22   |
| 4.00000 | 2     | 385              | 0.52    | 99.74   |
| 10.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

OTHER (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

OTHER YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

OTHER (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

OTHER YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 4.00000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

HEART (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 375   | 375              | 97.15   | 97.15   |
| Yes     | 11    | 386              | 2.85    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HEART YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 375   | 375              | 97.15   | 97.15   |
| 1.00000 | 1     | 376              | 0.26    | 97.41   |
| 3.00000 | 1     | 377              | 0.26    | 97.67   |
| 4.00000 | 3     | 380              | 0.78    | 98.45   |
| 5.00000 | 2     | 382              | 0.52    | 98.96   |
| 9.00000 | 1     | 383              | 0.26    | 99.22   |
| 13.0000 | 1     | 384              | 0.26    | 99.48   |
| 30.0000 | 1     | 385              | 0.26    | 99.74   |
| 40.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HEART (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 64    | 64               | 16.58   | 16.58   |
| Yes     | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HEART YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 64    | 64               | 16.58   | 16.58   |
| 8.00000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HEART (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

HEART YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

STROKE (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 382   | 382              | 98.96   | 98.96   |
| Yes     | 4     | 386              | 1.04    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

STROKE YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 382   | 382              | 98.96   | 98.96   |
| 5.00000 | 3     | 385              | 0.78    | 99.74   |
| 7.00000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

STROKE (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

STROKE YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

STROKE (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

STROKE YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |



HYPERTENSION (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 353   | 353              | 91.45   | 91.45   |
| Yes     | 33    | 386              | 8.55    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HYPERTENSION YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 353   | 353              | 91.45   | 91.45   |
| .666670 | 1     | 354              | 0.26    | 91.71   |
| 1.00000 | 1     | 355              | 0.26    | 91.97   |
| 2.00000 | 2     | 357              | 0.52    | 92.49   |
| 3.00000 | 1     | 358              | 0.26    | 92.75   |
| 4.00000 | 5     | 363              | 1.30    | 94.04   |
| 5.00000 | 5     | 368              | 1.30    | 95.34   |
| 7.00000 | 1     | 369              | 0.26    | 95.60   |
| 8.00000 | 3     | 372              | 0.78    | 96.37   |
| 9.00000 | 4     | 376              | 1.04    | 97.41   |
| 10.0000 | 2     | 378              | 0.52    | 97.93   |
| 11.0000 | 1     | 379              | 0.26    | 98.19   |
| 12.0000 | 1     | 380              | 0.26    | 98.45   |
| 15.0000 | 4     | 384              | 1.04    | 99.48   |
| 20.0000 | 1     | 385              | 0.26    | 99.74   |
| 40.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HYPERTENSION (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 62    | 62               | 16.06   | 16.06   |
| Yes     | 3     | 65               | 0.78    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HYPERTENSION YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 62    | 62               | 16.06   | 16.06   |
| 2.00000 | 1     | 63               | 0.26    | 16.32   |
| 3.00000 | 1     | 64               | 0.26    | 16.58   |
| 10.0000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HYPERTENSION (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 144   | 144              | 37.31   | 37.31   |
| Yes     | 10    | 154              | 2.59    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

HYPERTENSION YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 144   | 144              | 37.31   | 37.31   |
| 2.00000 | 1     | 145              | 0.26    | 37.56   |
| 5.00000 | 3     | 148              | 0.78    | 38.34   |
| 6.00000 | 1     | 149              | 0.26    | 38.60   |
| 7.00000 | 1     | 150              | 0.26    | 38.86   |
| 10.0000 | 3     | 153              | 0.78    | 39.64   |
| 26.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

DIABETES (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 354   | 354              | 91.71   | 91.71   |
| Yes     | 32    | 386              | 8.29    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

DIABETES YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 358   | 358              | 92.75   | 92.75   |
| .250000 | 1     | 359              | 0.26    | 93.01   |
| 1.00000 | 3     | 362              | 0.78    | 93.78   |
| 1.50000 | 1     | 363              | 0.26    | 94.04   |
| 3.00000 | 4     | 367              | 1.04    | 95.08   |
| 4.00000 | 2     | 369              | 0.52    | 95.60   |
| 5.00000 | 6     | 375              | 1.55    | 97.15   |
| 7.00000 | 2     | 377              | 0.52    | 97.67   |
| 8.00000 | 1     | 378              | 0.26    | 97.93   |
| 10.0000 | 1     | 379              | 0.26    | 98.19   |
| 11.0000 | 1     | 380              | 0.26    | 98.45   |
| 13.0000 | 1     | 381              | 0.26    | 98.70   |
| 15.0000 | 1     | 382              | 0.26    | 98.96   |
| 17.0000 | 1     | 383              | 0.26    | 99.22   |
| 20.0000 | 3     | 386              | 0.78    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

DIABETES (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 61    | 61               | 15.80   | 15.80   |
| Yes     | 4     | 65               | 1.04    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

DIABETES YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 61    | 61               | 15.80   | 15.80   |
| 4.00000 | 2     | 63               | 0.52    | 16.32   |
| 22.0000 | 1     | 64               | 0.26    | 16.58   |
| 32.0000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

DIABETES (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 150   | 150              | 38.86   | 38.86   |
| Yes     | 4     | 154              | 1.04    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

DIABETES YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 150   | 150              | 38.86   | 38.86   |
| 4.00000 | 1     | 151              | 0.26    | 39.12   |
| 6.00000 | 1     | 152              | 0.26    | 39.38   |
| 10.0000 | 2     | 154              | 0.52    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

LUNG (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 351   | 351              | 90.93   | 90.93   |
| Yes     | 35    | 386              | 9.07    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

LUNG YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 356   | 356              | 92.23   | 92.23   |
| 1.00000 | 10    | 366              | 2.59    | 94.82   |
| 2.00000 | 3     | 369              | 0.78    | 95.60   |
| 3.00000 | 3     | 372              | 0.78    | 96.37   |
| 4.00000 | 7     | 379              | 1.81    | 98.19   |
| 5.00000 | 2     | 381              | 0.52    | 98.70   |
| 6.00000 | 1     | 382              | 0.26    | 98.96   |
| 9.00000 | 1     | 383              | 0.26    | 99.22   |
| 10.0000 | 3     | 386              | 0.78    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

LUNG (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

LUNG YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

LUNG (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 151   | 151              | 39.12   | 39.12   |
| Yes     | 3     | 154              | 0.78    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

LUNG YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 151   | 151              | 39.12   | 39.12   |
| 3.00000 | 2     | 153              | 0.52    | 39.64   |
| 14.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

CANCER (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 380   | 380              | 98.45   | 98.45   |
| Yes     | 6     | 386              | 1.55    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

CANCER YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 380   | 380              | 98.45   | 98.45   |
| 1.00000 | 2     | 382              | 0.52    | 98.96   |
| 5.00000 | 1     | 383              | 0.26    | 99.22   |
| 7.00000 | 1     | 384              | 0.26    | 99.48   |
| 10.0000 | 1     | 385              | 0.26    | 99.74   |
| 11.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

CANCER (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 64    | 64               | 16.58   | 16.58   |
| Yes     | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

CANCER YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 64    | 64               | 16.58   | 16.58   |
| 1.00000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

CANCER (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

CANCER YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 14.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

WEIGHT (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 372   | 372              | 96.37   | 96.37   |
| Yes     | 14    | 386              | 3.63    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

WEIGHT YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 374   | 374              | 96.89   | 96.89   |
| 1.00000 | 1     | 375              | 0.26    | 97.15   |
| 3.00000 | 1     | 376              | 0.26    | 97.41   |
| 4.00000 | 1     | 377              | 0.26    | 97.67   |
| 7.00000 | 3     | 380              | 0.78    | 98.45   |
| 9.00000 | 1     | 381              | 0.26    | 98.70   |
| 10.0000 | 1     | 382              | 0.26    | 98.96   |
| 12.0000 | 1     | 383              | 0.26    | 99.22   |
| 25.0000 | 1     | 384              | 0.26    | 99.48   |
| 50.0000 | 2     | 386              | 0.52    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

WEIGHT (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 64    | 64               | 16.58   | 16.58   |
| Yes     | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

WEIGHT YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 64    | 64               | 16.58   | 16.58   |
| 12.0000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

WEIGHT (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 152   | 152              | 39.38   | 39.38   |
| Yes     | 2     | 154              | 0.52    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

WEIGHT YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 152   | 152              | 39.38   | 39.38   |
| 10.0000 | 1     | 153              | 0.26    | 39.64   |
| 45.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

KIDNEY (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 377   | 377              | 97.67   | 97.67   |
| Yes     | 9     | 386              | 2.33    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

KIDNEY YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 377   | 377              | 97.67   | 97.67   |
| 2.00000 | 5     | 382              | 1.30    | 98.96   |
| 4.00000 | 2     | 384              | 0.52    | 99.48   |
| 5.00000 | 1     | 385              | 0.26    | 99.74   |
| 9.00000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

KIDNEY (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 64    | 64               | 16.58   | 16.58   |
| Yes     | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

KIDNEY YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 64    | 64               | 16.58   | 16.58   |
| 2.00000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

KIDNEY (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

KIDNEY YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 20.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

CIRCULATION (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 370   | 370              | 95.85   | 95.85   |
| Yes     | 16    | 386              | 4.15    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

CIRCULATION YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 370   | 370              | 95.85   | 95.85   |
| 1.00000 | 1     | 371              | 0.26    | 96.11   |
| 3.00000 | 2     | 373              | 0.52    | 96.63   |
| 4.00000 | 3     | 376              | 0.78    | 97.41   |
| 5.00000 | 3     | 379              | 0.78    | 98.19   |
| 6.00000 | 2     | 381              | 0.52    | 98.70   |
| 9.00000 | 1     | 382              | 0.26    | 98.96   |
| 10.0000 | 2     | 384              | 0.52    | 99.48   |
| 11.0000 | 1     | 385              | 0.26    | 99.74   |
| 20.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

CIRCULATION (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

CIRCULATION YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

CIRCULATION (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

CIRCULATION YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 20.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

TUMOR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 380   | 380              | 98.45   | 98.45   |
| Yes     | 6     | 386              | 1.55    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

TUMOR YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 380   | 380              | 98.45   | 98.45   |
| .250000 | 1     | 381              | 0.26    | 98.70   |
| 1.00000 | 1     | 382              | 0.26    | 98.96   |
| 4.00000 | 1     | 383              | 0.26    | 99.22   |
| 5.00000 | 1     | 384              | 0.26    | 99.48   |
| 9.00000 | 2     | 386              | 0.52    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

TUMOR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

TUMOR YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

TUMOR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

TUMOR YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 20.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |



LUPUS (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 382   | 382              | 98.96   | 98.96   |
| Yes     | 4     | 386              | 1.04    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

LUPUS YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 1.00000 | 1     | 1                | 0.26    | 0.26    |
| 5.00000 | 1     | 2                | 0.26    | 0.52    |
| 9.00000 | 1     | 3                | 0.26    | 0.78    |
| 30.0000 | 1     | 4                | 0.26    | 1.04    |
| YEARS   | 1     | 5                | 0.26    | 1.30    |
| Missing | 381   | 386              | 98.70   | 100.00  |

LUPUS (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

LUPUS YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

LUPUS (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

LUPUS YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

TENDONITIS (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 383   | 383              | 99.22   | 99.22   |
| Yes     | 3     | 386              | 0.78    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

TENDONITIS YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 383   | 383              | 99.22   | 99.22   |
| 2.00000 | 1     | 384              | 0.26    | 99.48   |
| 3.00000 | 1     | 385              | 0.26    | 99.74   |
| 5.00000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

TENDONITIS (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

TENDONITIS YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

TENDONITIS (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

TENDONITIS YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 10.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

SEIZURE (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 384   | 384              | 99.48   | 99.48   |
| Yes     | 2     | 386              | 0.52    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

SEIZURE YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 384   | 384              | 99.48   | 99.48   |
| 3.00000 | 1     | 385              | 0.26    | 99.74   |
| 9.00000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

SEIZURE (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

SEIZURE YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

SEIZURE (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 152   | 152              | 39.38   | 39.38   |
| Yes     | 2     | 154              | 0.52    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

SEIZURE YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 152   | 152              | 39.38   | 39.38   |
| 4.00000 | 2     | 154              | 0.52    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

MULTIPLE SCLEROSIS (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 386   | 386              | 100.00  | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

MULTIPLE SCLEROSIS YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 386   | 386              | 100.00  | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

MULTIPLE SCLEROSIS (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

MULTIPLE SCLEROSIS YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

MULTIPLE SCLEROSIS (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

MULTIPLE SCLEROSIS YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

POLIO (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 385   | 385              | 99.74   | 99.74   |
| Yes     | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

POLIO YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 385   | 385              | 99.74   | 99.74   |
| 20.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

POLIO (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

POLIO YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

POLIO (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

POLIO YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

PARKINSON (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 383   | 383              | 99.22   | 99.22   |
| Yes     | 3     | 386              | 0.78    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

PARKINSON YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 383   | 383              | 99.22   | 99.22   |
| 3.00000 | 1     | 384              | 0.26    | 99.48   |
| 5.00000 | 2     | 386              | 0.52    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

PARKINSON (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

PARKINSON YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

PARKINSON (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

PARKINSON YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 154   | 154              | 39.90   | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

CARPAL TUNNEL (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 377   | 377              | 97.67   | 97.67   |
| Yes     | 9     | 386              | 2.33    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

CARPAL TUNNEL YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 377   | 377              | 97.67   | 97.67   |
| 1.00000 | 2     | 379              | 0.52    | 98.19   |
| 2.00000 | 3     | 382              | 0.78    | 98.96   |
| 3.00000 | 1     | 383              | 0.26    | 99.22   |
| 4.00000 | 1     | 384              | 0.26    | 99.48   |
| 19.0000 | 1     | 385              | 0.26    | 99.74   |
| 20.00   | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

CARPAL TUNNEL (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 64    | 64               | 16.58   | 16.58   |
| Yes     | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

CARPAL TUNNEL YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 64    | 64               | 16.58   | 16.58   |
| 6.00000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

CARPAL TUNNEL (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

CARPAL TUNNEL YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 20.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

HERNIA (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 382   | 382              | 98.96   | 98.96   |
| Yes     | 4     | 386              | 1.04    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HERNIA YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 382   | 382              | 98.96   | 98.96   |
| 5.00000 | 1     | 383              | 0.26    | 99.22   |
| 10.0000 | 2     | 385              | 0.52    | 99.74   |
| 15.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

HERNIA (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HERNIA YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

HERNIA (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 150   | 150              | 38.86   | 38.86   |
| Yes     | 4     | 154              | 1.04    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

HERNIA YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 150   | 150              | 38.86   | 38.86   |
| 1.00000 | 1     | 151              | 0.26    | 39.12   |
| 3.00000 | 1     | 152              | 0.26    | 39.38   |
| 8.00000 | 1     | 153              | 0.26    | 39.64   |
| 20.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |



ULCER (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 382   | 382              | 98.96   | 98.96   |
| Yes     | 4     | 386              | 1.04    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

ULCER YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 382   | 382              | 98.96   | 98.96   |
| 1.00000 | 1     | 383              | 0.26    | 99.22   |
| 3.00000 | 1     | 384              | 0.26    | 99.48   |
| 4.00000 | 1     | 385              | 0.26    | 99.74   |
| 5.00000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

ULCER (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

ULCER YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 65    | 65               | 16.84   | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

ULCER (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 148   | 148              | 38.34   | 38.34   |
| Yes     | 6     | 154              | 1.55    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

ULCER YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 148   | 148              | 38.34   | 38.34   |
| 1.00000 | 1     | 149              | 0.26    | 38.60   |
| 2.00000 | 1     | 150              | 0.26    | 38.86   |
| 10.0000 | 1     | 151              | 0.26    | 39.12   |
| 15.0000 | 1     | 152              | 0.26    | 39.38   |
| 17.0000 | 1     | 153              | 0.26    | 39.64   |
| 20.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

GRAVES DISEASE (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 380   | 380              | 98.45   | 98.45   |
| Yes     | 6     | 386              | 1.55    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

GRAVES DISEASE YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 380   | 380              | 98.45   | 98.45   |
| 4.00000 | 2     | 382              | 0.52    | 98.96   |
| 5.00000 | 1     | 383              | 0.26    | 99.22   |
| 6.00000 | 2     | 385              | 0.52    | 99.74   |
| 9.00000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

GRAVES DISEASE (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 64    | 64               | 16.58   | 16.58   |
| Yes     | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

GRAVES DISEASE YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 64    | 64               | 16.58   | 16.58   |
| 5.00000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

GRAVES DISEASE (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 153   | 153              | 39.64   | 39.64   |
| Yes     | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

GRAVES DISEASE YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 153   | 153              | 39.64   | 39.64   |
| 10.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

MIGRAINE (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 342   | 342              | 88.60   | 88.60   |
| Yes     | 44    | 386              | 11.40   | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

MIGRAINE YR (5th Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0.00    | 342   | 342              | 88.60   | 88.60   |
| .500000 | 1     | 343              | 0.26    | 88.86   |
| 1.00000 | 5     | 348              | 1.30    | 90.16   |
| 2.00000 | 6     | 354              | 1.55    | 91.71   |
| 3.00000 | 6     | 360              | 1.55    | 93.26   |
| 4.00000 | 13    | 373              | 3.37    | 96.63   |
| 5.00000 | 5     | 378              | 1.30    | 97.93   |
| 6.00000 | 2     | 380              | 0.52    | 98.45   |
| 9.00000 | 1     | 381              | 0.26    | 98.70   |
| 10.0000 | 2     | 383              | 0.52    | 99.22   |
| 20.0000 | 1     | 384              | 0.26    | 99.48   |
| 30.0000 | 1     | 385              | 0.26    | 99.74   |
| 40.0000 | 1     | 386              | 0.26    | 100.00  |
| Missing | 0     | 386              | 0.00    | 100.00  |

MIGRAINE (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 64    | 64               | 16.58   | 16.58   |
| Yes     | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

MIGRAINE YR (Arrow Highway Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 64    | 64               | 16.58   | 16.58   |
| 30.0000 | 1     | 65               | 0.26    | 16.84   |
| Missing | 321   | 386              | 83.16   | 100.00  |

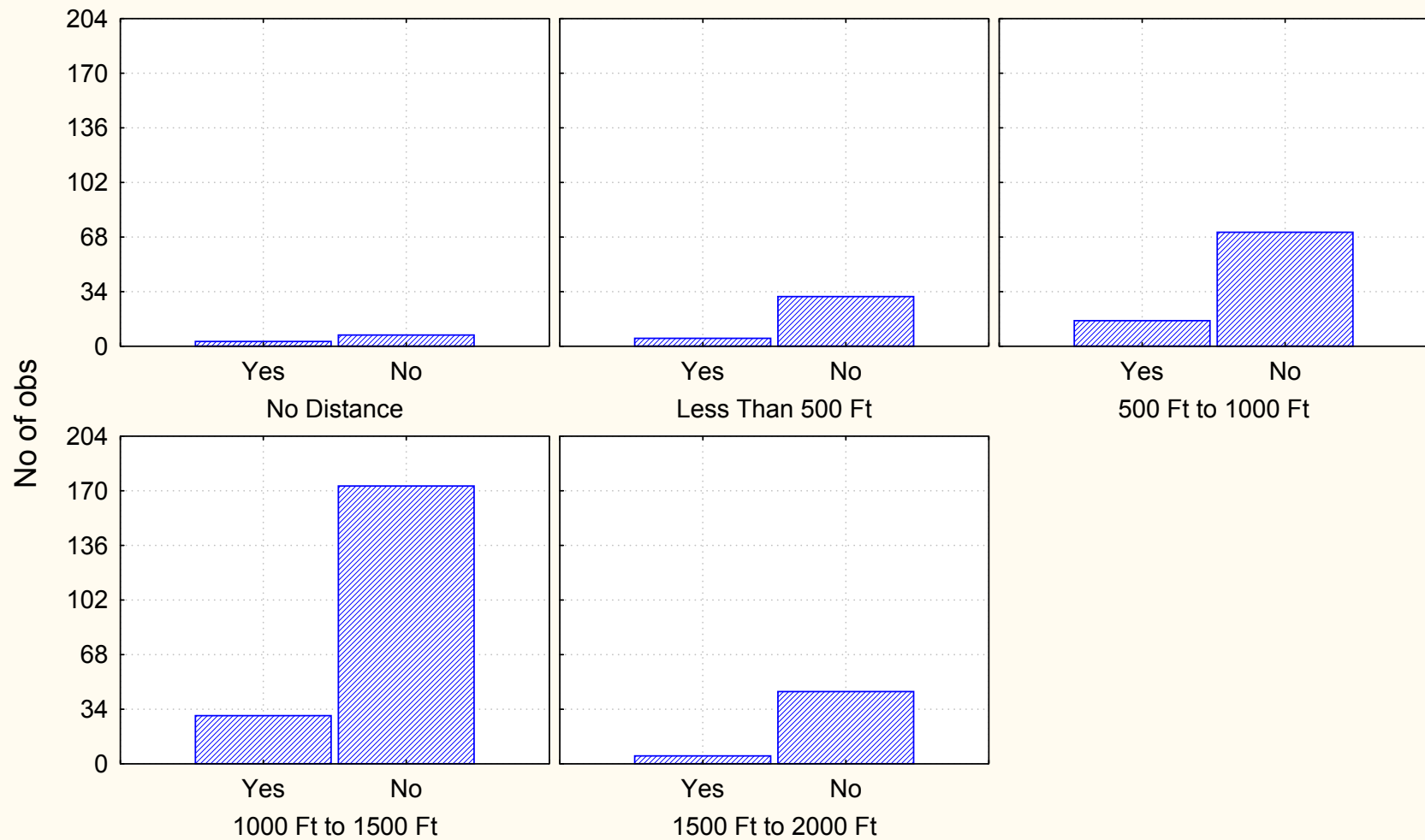
MIGRAINE (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| No      | 145   | 145              | 37.56   | 37.56   |
| Yes     | 9     | 154              | 2.33    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

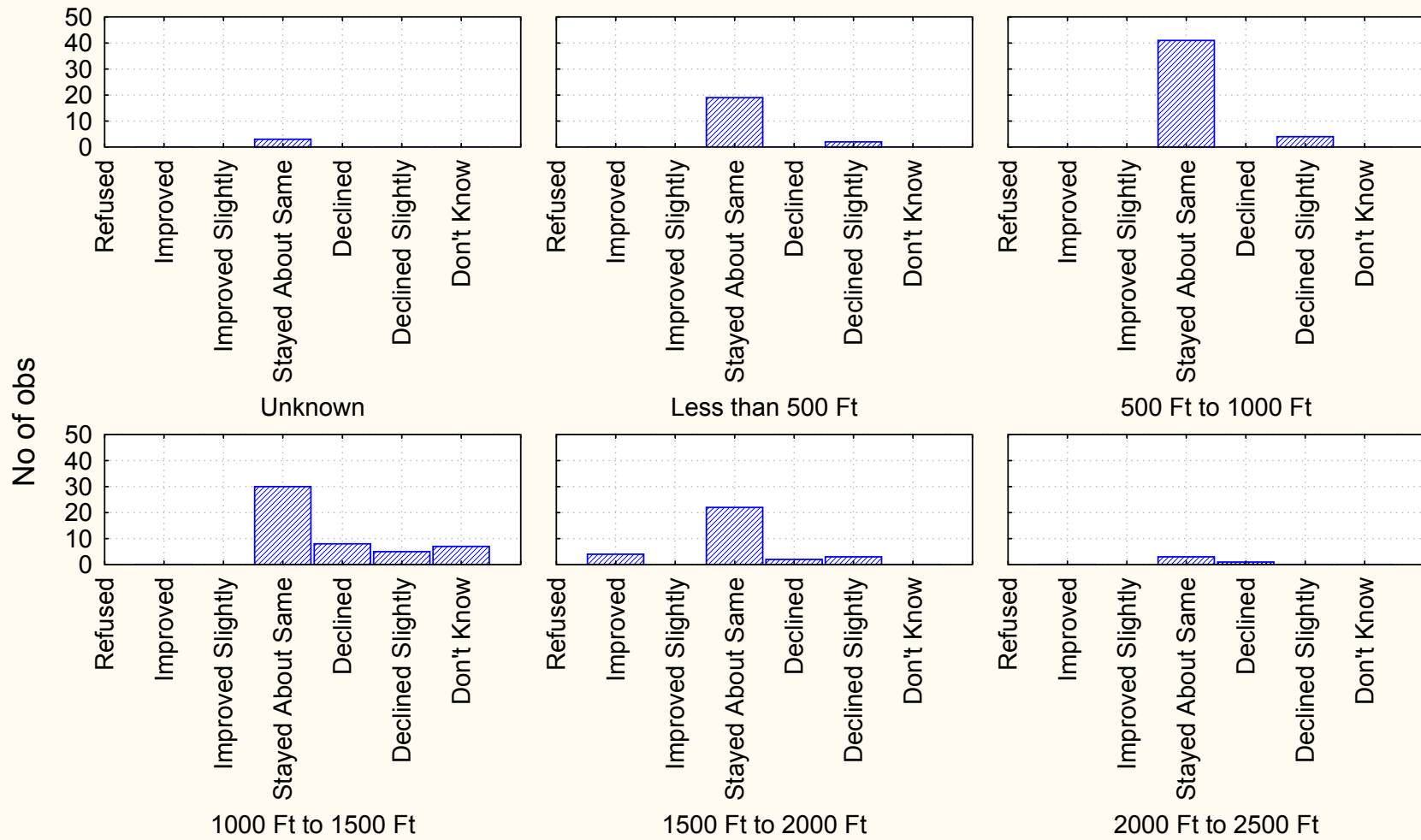
MIGRAINE YR (I Street Station)

|         | Count | Cumulative Count | Percent | Percent |
|---------|-------|------------------|---------|---------|
| 0       | 145   | 145              | 37.56   | 37.56   |
| .057000 | 1     | 146              | 0.26    | 37.82   |
| .166667 | 1     | 147              | 0.26    | 38.08   |
| 2.00000 | 3     | 150              | 0.78    | 38.86   |
| 5.00000 | 1     | 151              | 0.26    | 39.12   |
| 6.00000 | 1     | 152              | 0.26    | 39.38   |
| 10.0000 | 1     | 153              | 0.26    | 39.64   |
| 52.0000 | 1     | 154              | 0.26    | 39.90   |
| Missing | 232   | 386              | 60.10   | 100.00  |

# Self Reported Asthma 5th Street Residents

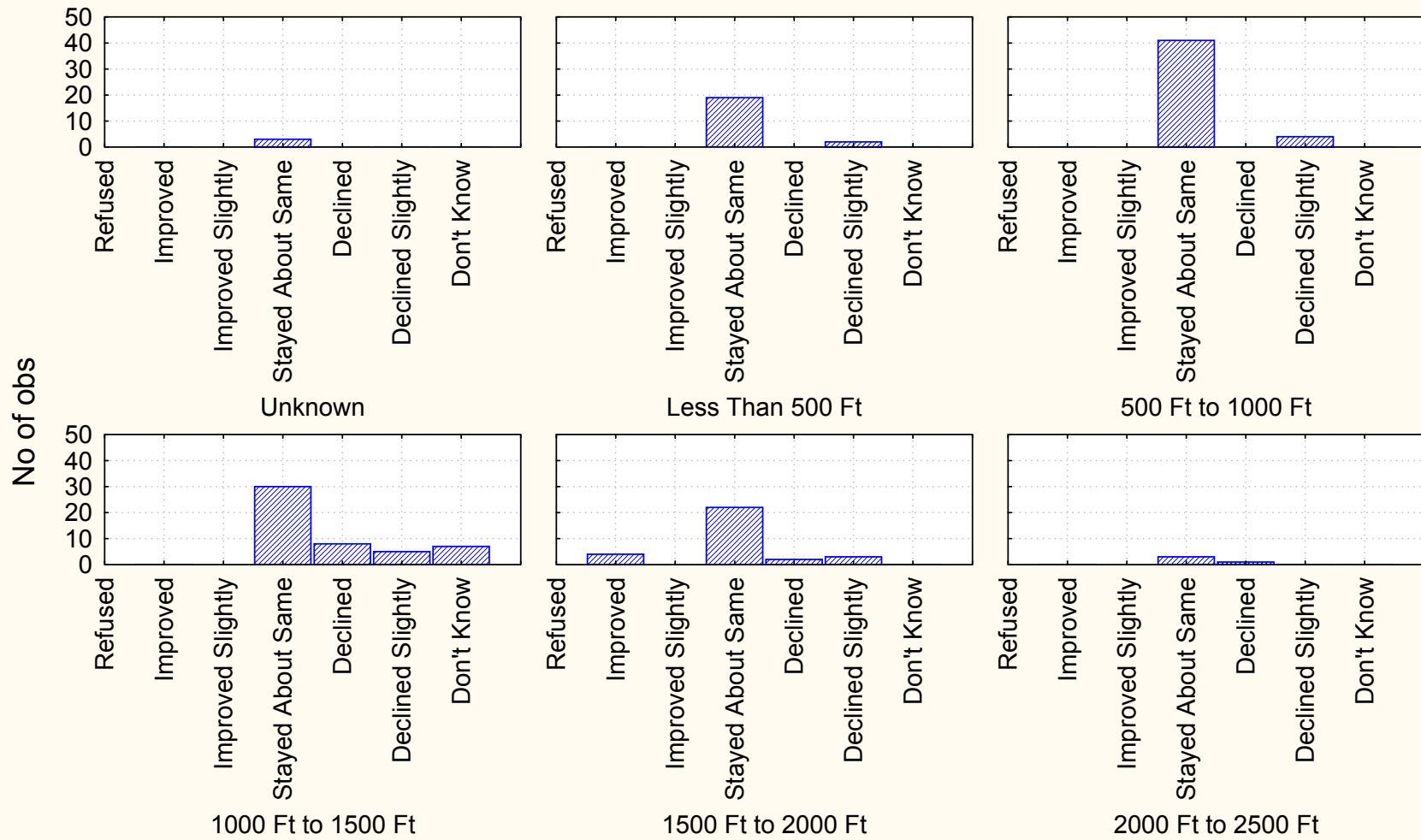


## Self Reported 5 Year Health Status Arrow Highway Residents

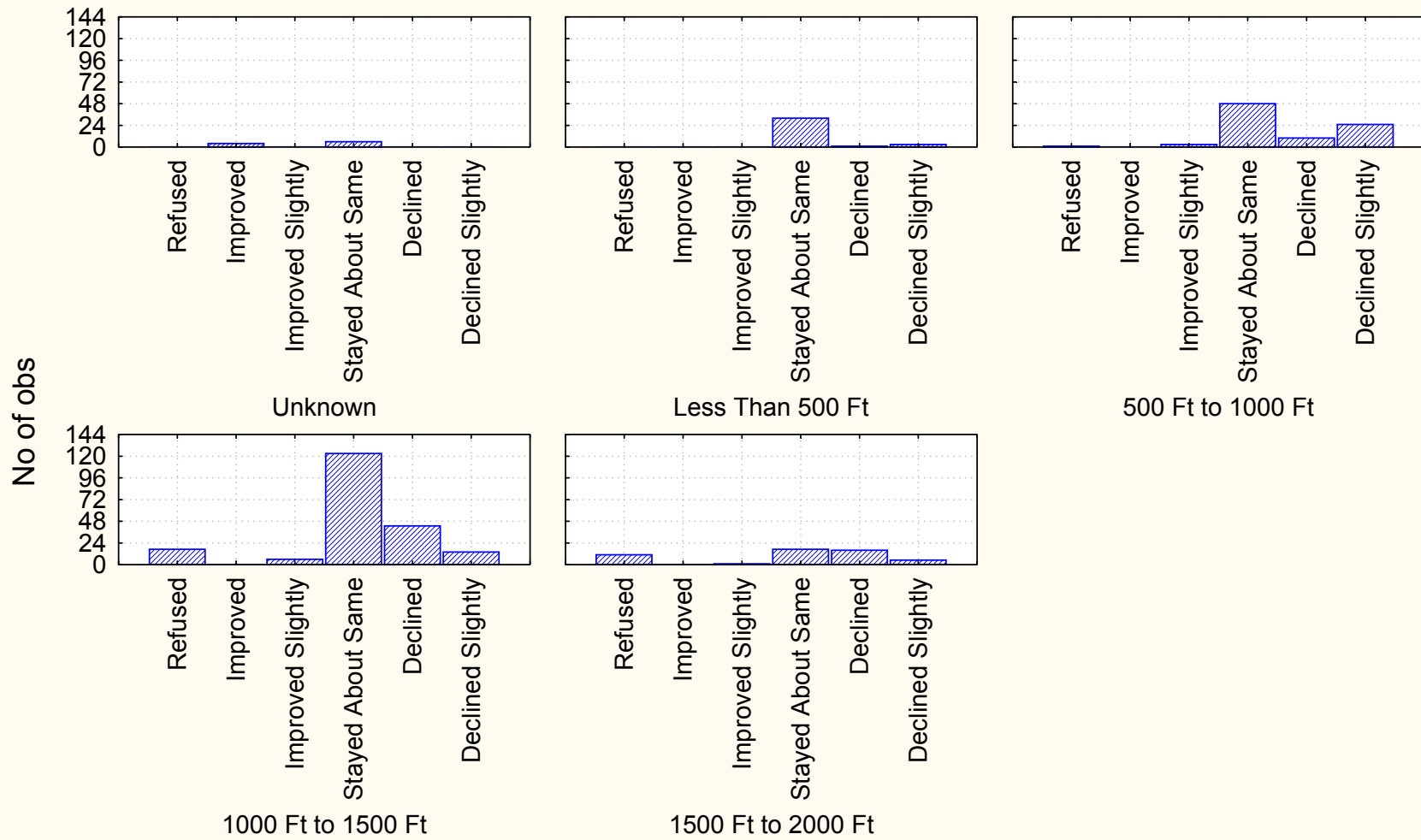


## Self Reported 5 Year Health Status

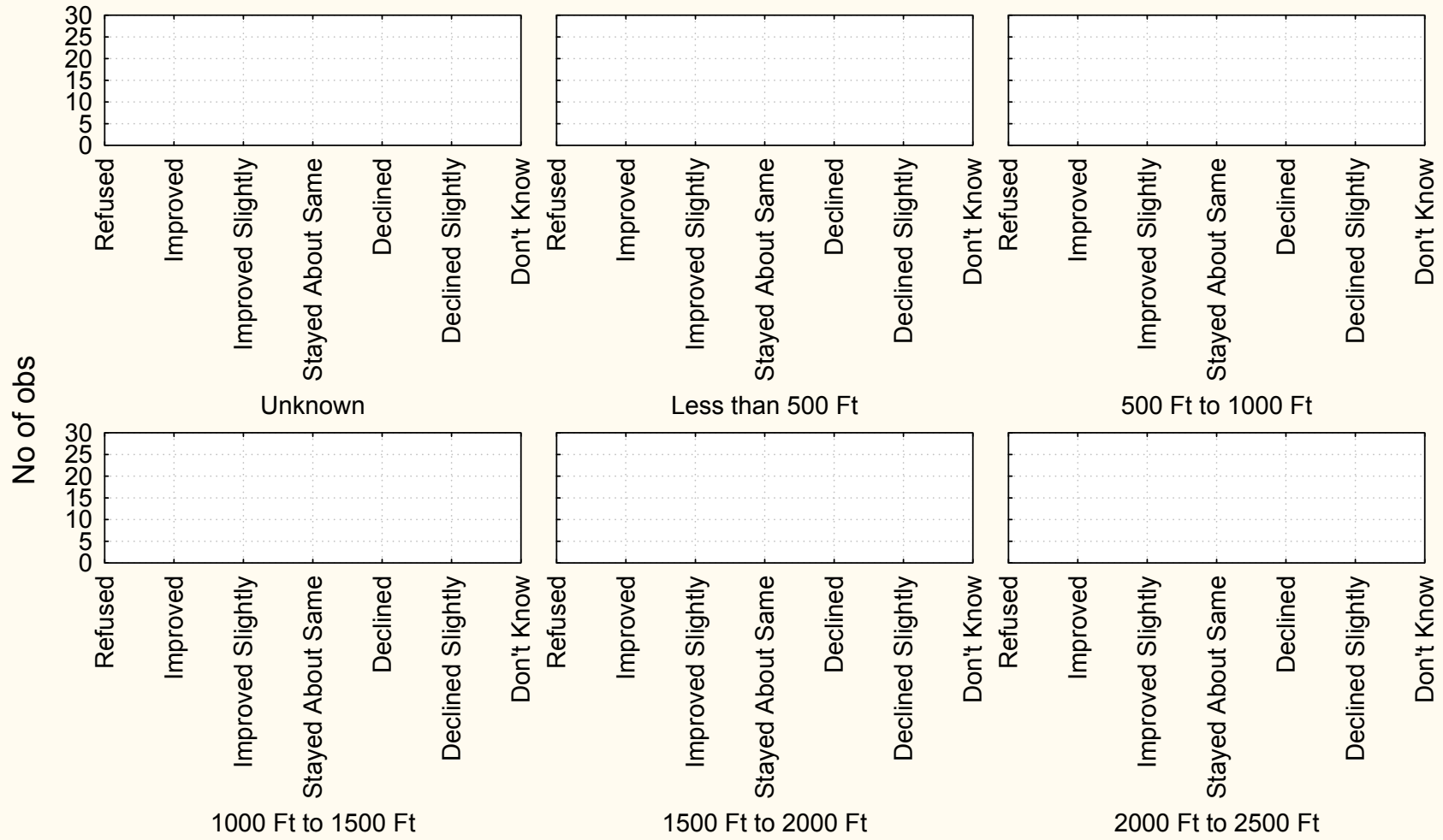
### I Street Residents



## Self Reported 5 Year Health Status 5th Street Residents

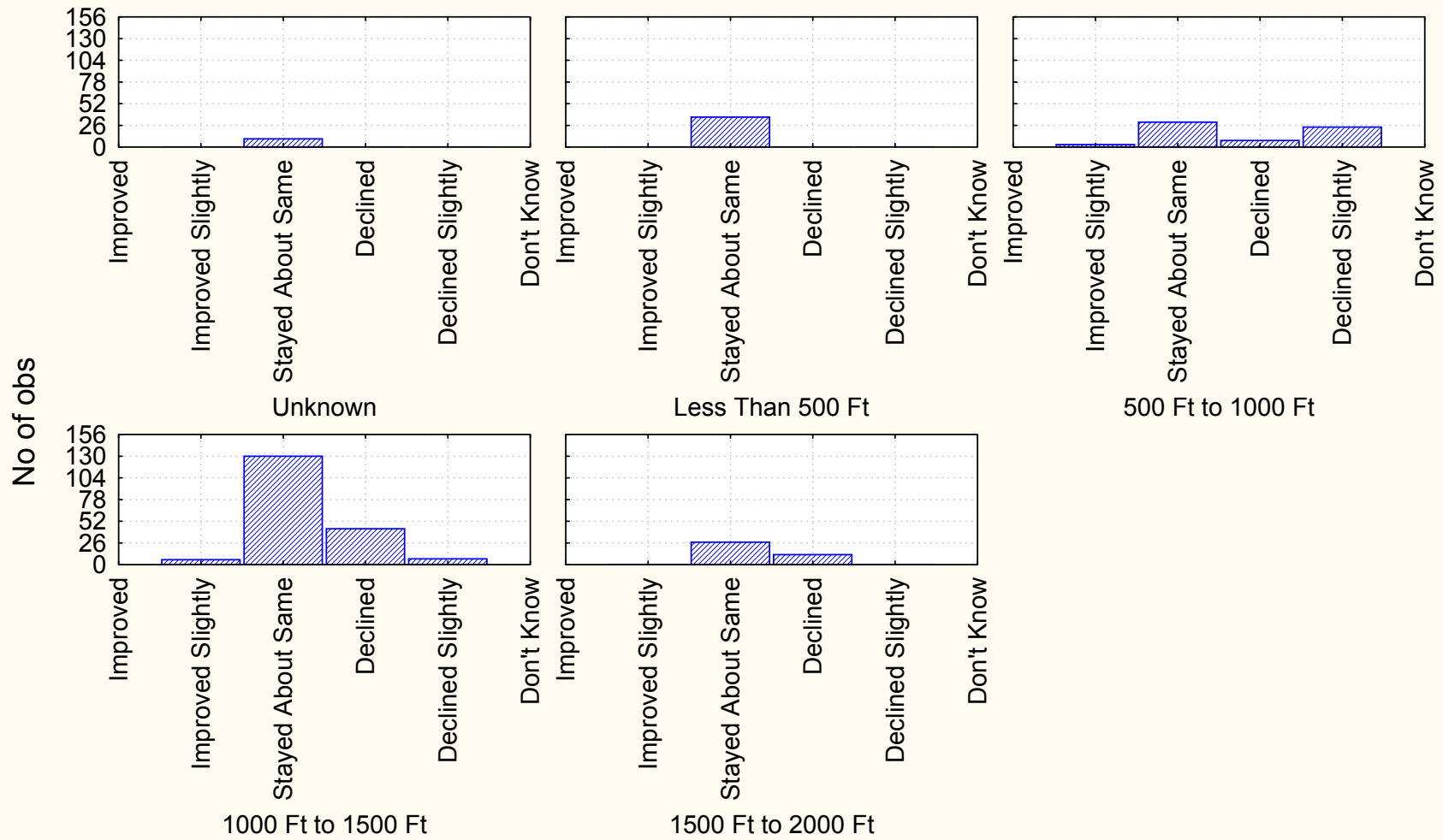


## Self Reported 3 Year Health Status I Street Residents



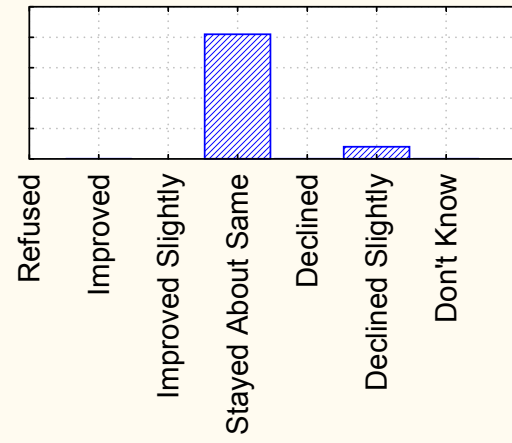
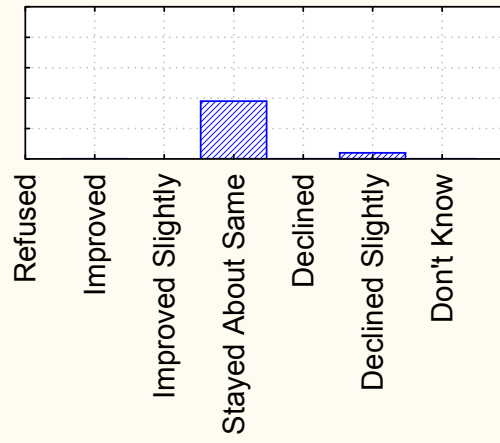
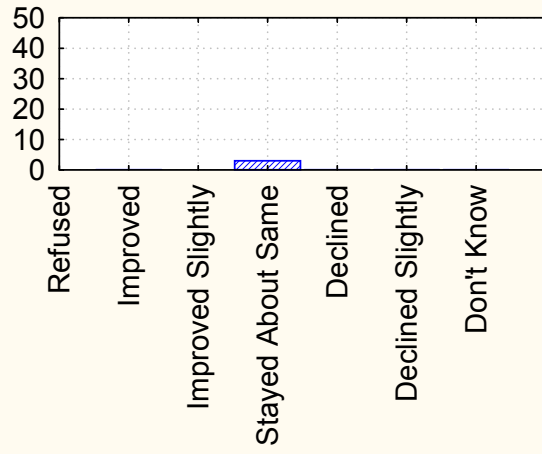


## Self Reported 3 Year Health Status 5th Street Residents



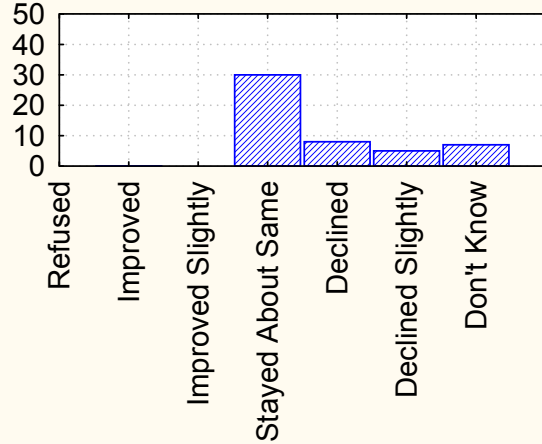
## Self Reported 1 Year Health Status

### Arrow Highway

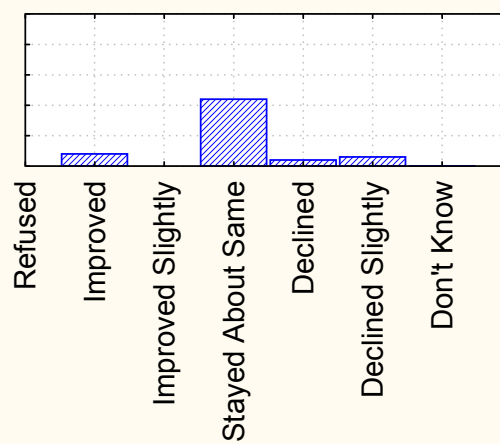


No of obs

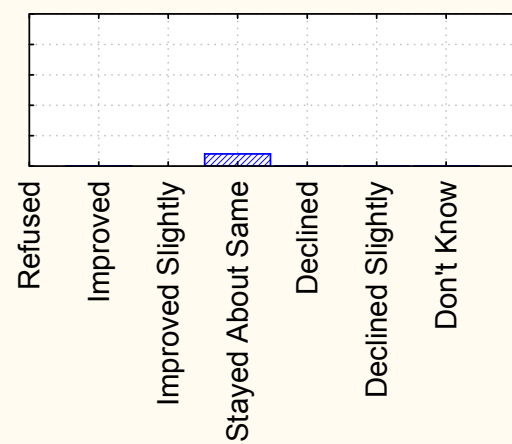
### Unknown



### Less Than 500 Ft



### 500 Ft to 1000 Ft



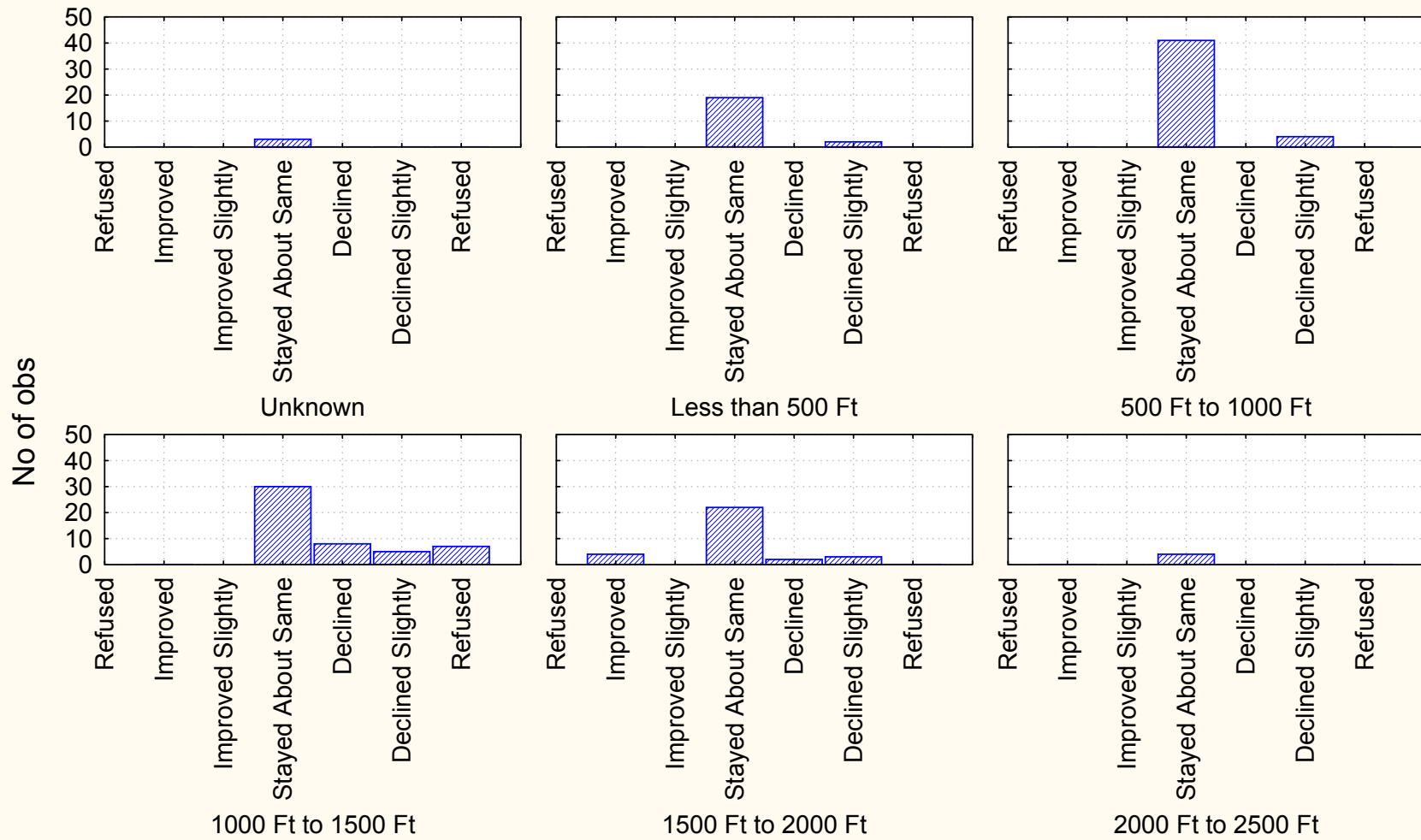
### 1000 Ft to 1500 Ft

### 1500 Ft to 2000 Ft

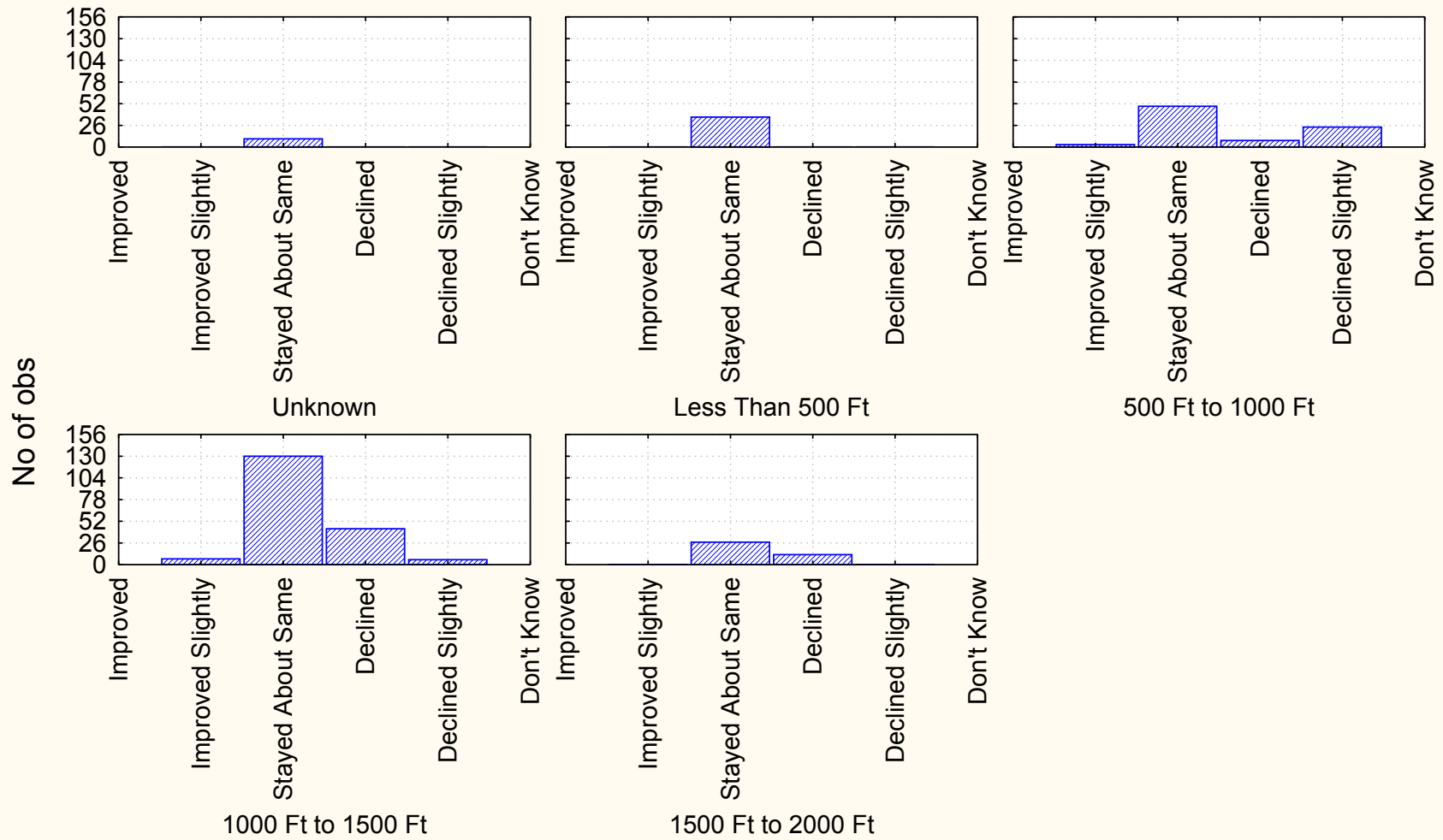
### 2000 Ft to 2500 Ft

## Self Reported 1 Year Health Status

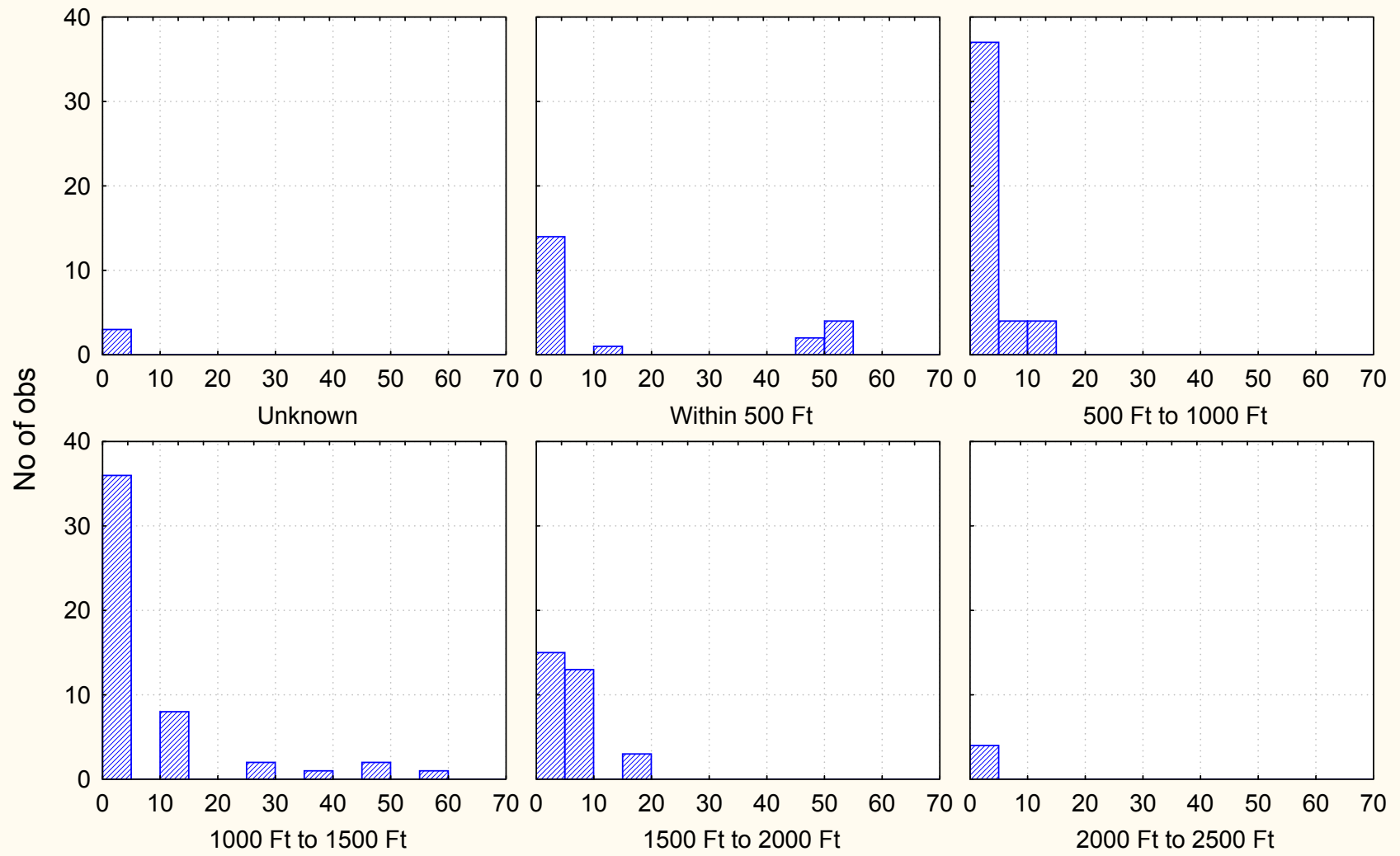
### I Street Residents



## Self Reported 1 Year Health Status 5th Street Residents



Years Living at Current Residence



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## Statistical Analyses

The correlation coefficient ( $r$ ) represents the linear relationship between two variables. If the correlation coefficient is squared, then the resulting value ( $r^2$ , the coefficient of determination) will represent the proportion of common variation in the two variables (i.e., the "strength" or "magnitude" of the relationship). In order to evaluate the correlation between variables, it is important to know this "magnitude" or "strength" as well as the significance of the correlation coefficients are significant.

A test is available that will evaluate the significance of differences between two correlation coefficients in two samples. The outcome of this test depends not only on the size of the raw difference between the two coefficients but also on the size of the samples and on the size of the coefficients themselves. Consistent with the previously discussed principle, the larger the sample size, the smaller the effect that can be proven significant in that sample. In general, due to the fact that the reliability of the correlation coefficient increases with its absolute value, relatively small differences between large correlation coefficients can be significant. For example, a difference of .10 between two correlations may not be significant if the two coefficients are .15 and .25, although in the same sample, the same difference of .10 can be highly significant if the two coefficients are .80 and .90.

All data were analyzed using STATISTICA (Statsoft Inc., Tulsa KA). Pearson correlation coefficients and p-values were determined relating distance from three Omnitrans facilities, individuals age, and various health criteria. Health was scored on a scale from 1 (self reported very healthy) to five (self reported very unhealthy) (Tables). The most widely-used type of correlation coefficient is Pearson  $r$  (Pearson, 1896). The correlation coefficient determines the extent to which values of two variables are "proportional" to each other. The value of the correlation (i.e., correlation coefficient) does not depend on the specific measurement units used; for example, the correlation between height and weight will be identical regardless of whether inches and pounds, or centimeters and kilograms are used as measurement units. Proportional means linearly related; that is, the correlation is high if it can be approximated by a straight line (sloped upwards or downwards). This line is called the regression line or least squares line, because it is determined such that the sum of the squared distances of all the data points from the line is the lowest possible. Pearson correlation assumes that the two variables are measured on at least interval scales. The Pearson equation for determining  $r$  is below:

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$$r = \frac{\sum_{i1} (Y_{i1} - \bar{Y}_1) * (Y_{i2} - \bar{Y}_2)}{[\sum_{i1} (Y_{i1} - \bar{Y}_1)^2 * \sum_{i2} (Y_{i2} - \bar{Y}_2)^2]^{(1/2)}}$$

## Correlations Introductory Overview - How to Interpret the Values of Correlations

As mentioned before, the correlation coefficient (r) represents the linear relationship between two variables. If the correlation coefficient is squared, then the resulting value (r<sup>2</sup>, the coefficient of determination) will represent the proportion of common variation in the two variables (i.e., the "strength" or "magnitude" of the relationship). In order to evaluate the correlation between variables, it is important to know this "magnitude" or "strength" as well as the significance of the correlation. coefficients are Significant.

A test is available that will evaluate the significance of differences between two correlation coefficients in two samples (see the Probability calculator). The outcome of this test depends not only on the size of the raw difference between the two coefficients but also on the size of the samples and on the size of the coefficients themselves. Consistent with the previously discussed principle, the larger the sample size, the smaller the effect that can be proven significant in that sample. In general, due to the fact that the reliability of the correlation coefficient increases with its absolute value, relatively small differences between large correlation coefficients can be significant. For example, a difference of .10 between two correlations may not be significant if the two coefficients are .15 and .25, although in the same sample, the same difference of .10 can be highly significant if the two coefficients are .80 and .90.

Pearson (1896). Regression, Heredity and Panmixia. Philosophical Transactions in the Royal Society of London. Series A 187 253-318.

## APPENDIX I

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# SCADMD COMMENTS ON DRAFT REPORT



**Comments by South Coast Air Quality Management District on  
Omnitrans Public Health Survey and Baseline HRA  
Nov 19, 2003**

Prepared by Komex H2O Science  
Pursuant to SB 1927 (Soto)

The purpose of this report is to provide a public health assessment in accordance with the requirement of Senate Bill 1927. This bill requires a report on the environmental and public health impacts of transit bus fueling stations operated by Omnitrans.

This report focuses on current operations at the facility and includes the following analyses:

- An analysis of nurses' logs, covering a three-month period, for an elementary school near one of the Omnitrans facilities, and another school located about 6.5 miles away.
- A survey of businesses near the Omnitrans facilities and emissions estimates for air pollutants from some of these facilities; a dispersion modeling of the emissions from the businesses and from the Omnitrans facilities; and an estimate of health risks to selected receptors from these emissions.
- A survey relating to the health status of residents living near the facilities.

Analysis of School Logs

A tabular presentation of summary data on descriptive statistics would help the reader to understand the findings. In addition to logs from the Ramona Alessandro School, which is near one of the Omnitrans facilities (Metro Station), logs from the Thompson School were analyzed for comparison. It is not clear what the rationale was for selecting the second school. There appears to be a difference in the demographics of the students. Are these differences significant regarding interpreting the results of the analysis?

RESPONSE: The Thompson School was selected previously by the SBCUSD for comparison with the Ramona Alessandro Elementary School because the schools had approximately the same number of students and approximately the same type of demographics. Two significant differences between the schools are that the Ramona-Alessandro Elementary School is adjacent to Omnitrans facility and that the Thompson Elementary School is in a census tract identified by the SCAQMD as having a background risk of approximately 1,500 in 1,000,000 from mobile sources.

It appears that there were about twice as many instances of spontaneous bloody nose and spontaneous vomiting in Ramona Alessandro compared to Thompson.

The significance of these findings was not discussed in the report nor mentioned in the conclusions. These findings are potentially of concern, and deserve follow up and additional analysis. Data from a three-month period were used. If data are available from a longer period, this would give additional information and provide for a more robust statistical analysis.

RESPONSE: While the initial evaluation of reported cases of spontaneous bloody and spontaneous vomiting appears to be higher at Ramona Alessandro, an analysis of the relative distribution of the symptoms between the schools (a scatter plot of the difference between each schools shows that for spontaneous vomiting and spontaneous bloody noses, the absolute difference between each day appears to be evenly distributed. That is to say that there were just as many days where the symptoms reported at Thompson Elementary exceeded the number of symptoms reported by Ramona-Alessandro Elementary. Even on or near days where odor complaints were high for the 5<sup>th</sup> Street Station (February 5 and February 6, 2002), symptoms reported at Ramona Alessandro Elementary School did not show an elevated trend when compared with the Thompson Elementary School..

The symptoms of headache and nausea are combined. What is the rationale for not separating them?

RESPONSE: The symptoms were combined in the redacted nursing logs.

The report also refers to a survey of parents of school children. It is important to conduct this survey and include the results in the final assessment.

RESPONSE: In January 2004 a survey of students at the Ramona Alessandro Elementary School was performed with the approval of the San Bernardino City Unified School District (SBCUSD). A one page survey instrument, in English and Spanish, was provided to all students attending during the month of January 2004. A total of 700 surveys were supplied to the school for distribution to students. Each survey was supplied in a self-addressed stamped envelope to ensure anonymity for the respondents. During this period two of the three tracks of students are in attendance. This constitutes approximately 650 of the 850 students who attend the school. In addition, at the request of one of the staff members who is also a member of WeCAN, a survey of staff members of the Ramona Alessandro Elementary School was also performed in January 2004. After approval by SBCUSD, a one page survey instrument, similar to the one supplied to students was sent to the school for distribution. Each survey was supplied in a self-addressed stamped envelope to ensure anonymity for the respondents.

A total of 68 out of 700 student surveys were returned prior to February 25, 2004. The response rate of approximately 10% from the surveys provided to the school. Approximately 42 out of the 68 of the respondents (62%) lived within ½

mile of the school. Of the remaining 26 respondents, 25 lived more than ½ mile from the school. One student chose not to indicate where they lived.

#### The Self Reported Health Status for Students Living Within ½ Mile of the School

| Status    | Count | Cumulative<br>Count | Percent | Cumulative<br>Percent |
|-----------|-------|---------------------|---------|-----------------------|
| Excellent | 8     | 8                   | 32      | 32                    |
| Very Good | 8     | 16                  | 32      | 64                    |
| Good      | 4     | 20                  | 16      | 80                    |
| Fair      | 3     | 23                  | 12      | 92                    |
| Poor      | 0     | 23                  | 0       | 92                    |
| Missing   | 2     | 25                  | 8       | 100                   |

#### The Self Reported Health Status for Students Living More Than ½ Mile of the School

| Status    | Count | Cumulative<br>Count | Percent | Cumulative<br>Percent |
|-----------|-------|---------------------|---------|-----------------------|
| Excellent | 3     | 3                   | 7       | 7                     |
| Very Good | 11    | 14                  | 26      | 33                    |
| Good      | 14    | 28                  | 33      | 67                    |
| Fair      | 11    | 39                  | 26      | 93                    |
| Poor      | 2     | 41                  | 5       | 98                    |
| Missing   | 1     | 42                  | 2       | 100                   |

For students that lived near the school approximately 93% reported that their health status was fair to excellent. For students that lived more than ½ mile from the school 92% reported that their health status was fair to excellent.

#### The Self Reported Change In Status for Students Living Within ½ Mile of the School

| Change in Status  | Count | Cumulative<br>Count | Percent | Cumulative<br>Percent |
|-------------------|-------|---------------------|---------|-----------------------|
| Improved          |       |                     |         |                       |
| Significantly     | 1     | 1                   | 4       | 4                     |
| Improved          |       |                     |         |                       |
| Somewhat          | 0     | 1                   | 0       | 4                     |
| Stayed About The  |       |                     |         |                       |
| Same              | 17    | 18                  | 68      | 72                    |
| Declined Somewhat | 4     | 22                  | 16      | 88                    |
| Declined          |       |                     |         |                       |
| Significantly     | 3     | 25                  | 12      | 100                   |
| Don't Know        | 0     | 25                  | 0       | 100                   |
| Missing           | 0     | 25                  | 0       | 100                   |

### The Self Reported Change In Health Status for Students Living More Than ½ Mile of the School

| Change in Status       | Count | Cumulative Count | Percent | Cumulative Percent |
|------------------------|-------|------------------|---------|--------------------|
| Improved Significantly | 0     | 0                | 0       | 0                  |
| Improved Somewhat      | 0     | 0                | 0       | 0                  |
| Stayed About The Same  | 17    | 17               | 40      | 40                 |
| Declined Somewhat      | 18    | 35               | 43      | 83                 |
| Declined Significantly | 2     | 37               | 5       | 88                 |
| Don't Know             | 5     | 42               | 12      | 100                |

For students that lived near the school approximately 68% reported that their health status had not changed while 4% reported that their health had improved significantly since attending Ramona Alessandro Elementary. A total of 28% reported that their health had declined somewhat or declined significantly since attending Ramona Alessandro Elementary. For students that lived more than ½ mile from the school approximately 40% reported that their health status had not changed since attending Ramona Alessandro Elementary. A total of 48% reported that their health had declined somewhat or declined significantly since attending Ramona Alessandro Elementary.

For both sets of students the responses approximated a normal distribution of responses. Most students reported that their health was excellent, very good, or good.

A total of 37 out of 100 student surveys were returned prior to February 25, 2004. The response rate of approximately 37% from the surveys provided to the school. Approximately 12 out of the 37 of the respondents (32%) lived within ½ mile of the school. The 25 respondents or 68% of the respondents lived more than ½ mile from the school.

### The Self Reported Health Status for Staff Living Within ½ Mile of the School

| Status    | Count | Cumulative Count | Percent | Cumulative Percent |
|-----------|-------|------------------|---------|--------------------|
| Excellent | 0     | 0                | 0       | 0                  |
| Very Good | 0     | 0                | 0       | 0                  |
| Good      | 0     | 0                | 0       | 0                  |
| Fair      | 10    | 10               | 83      | 83                 |
| Poor      | 2     | 12               | 17      | 100                |

|         |   |    |   |     |
|---------|---|----|---|-----|
| Missing | 0 | 12 | 0 | 100 |
|---------|---|----|---|-----|

#### The Self Reported Health Status for Staff Living More Than ½ Mile of the School

| Status    | Count | Cumulative<br>Count | Percent | Cumulative<br>Percent |
|-----------|-------|---------------------|---------|-----------------------|
| Excellent | 6     | 6                   | 24      | 24                    |
| Very Good | 7     | 13                  | 28      | 52                    |
| Good      | 5     | 18                  | 20      | 72                    |
| Fair      | 5     | 23                  | 20      | 92                    |
| Poor      | 2     | 25                  | 8       | 100                   |
| Missing   | 0     | 25                  | 0       | 100                   |

For staff that lived within a ½ mile of the school approximately 83% reported that their health status was fair. The remaining 17% reported their health status as poor. For staff that lived more than ½ mile from the school 92% reported that their health status was fair to excellent.

#### The Self Reported Change In Status for Staff Living Within ½ Mile of the School

| Change in Status  | Count | Cumulative<br>Count | Percent | Cumulative<br>Percent |
|-------------------|-------|---------------------|---------|-----------------------|
| Improved          |       |                     |         |                       |
| Significantly     | 0     | 0                   | 0       | 0                     |
| Improved          |       |                     |         |                       |
| Somewhat          | 0     | 0                   | 0       | 0                     |
| Stayed About The  |       |                     |         |                       |
| Same              | 0     | 0                   | 0       | 0                     |
| Declined Somewhat | 12    | 12                  | 100     | 100                   |
| Declined          |       |                     |         |                       |
| Significantly     | 0     | 12                  | 0       | 100                   |
| Don't Know        | 0     | 12                  | 0       | 100                   |
| Missing           | 0     | 12                  | 0       | 100                   |

#### The Self Reported Change In Health Status for Students Living More Than ½ Mile of the School

| Change in Status  | Count | Cumulative<br>Count | Percent | Cumulative<br>Percent |
|-------------------|-------|---------------------|---------|-----------------------|
| Improved          |       |                     |         |                       |
| Significantly     | 0     | 0                   | 0       | 0                     |
| Improved          |       |                     |         |                       |
| Somewhat          | 0     | 0                   | 0       | 0                     |
| Stayed About The  |       |                     |         |                       |
| Same              | 12    | 12                  | 48      | 48                    |
| Declined Somewhat | 8     | 20                  | 32      | 80                    |

|               |   |    |    |     |
|---------------|---|----|----|-----|
| Declined      |   |    |    |     |
| Significantly | 3 | 23 | 12 | 92  |
| Don't Know    | 2 | 25 | 8  | 100 |
| Missing       | 0 | 25 | 0  | 100 |

For staff that lived near the school approximately 100% reported that their health status had declined somewhat since starting work at Ramona Alessandro Elementary. For staff that lived more than ½ mile from the school approximately 48% reported that their health status had not changed since starting work at Ramona Alessandro Elementary. A total of 44% reported that their health had declined somewhat or declined significantly since starting work at Ramona Alessandro Elementary.

The responses from staff living more than ½ mile from the school approximate a normal distribution. The responses from staff living within ½ mile of the Omnitrans facility were identical in the responses questions, including the number of hours of exposure (24 hours), overall health status (declined somewhat), cause of health decline (attributed to Omnitrans facility), and conditions that keep the respondent from working (asthma, breathing problems, nosebleeds, and nausea). \*add something\*\*\*. The staff respondents living more than ½ mile from the school had a higher self-reported health status, years working at the school, and overall health status.

### Emissions and Risk Assessment

The report states that the risk assessment generally follows Cal EPA and US EPA guidelines. Cal EPA's Office of Environmental Health Hazard Assessment has published more recent guidelines for air toxics risk assessments than cited in the report. The analysis should also be consistent with these more recent guidelines.

RESPONSE: Comment noted.

The analysis focused on fugitive emissions and specifically excluded mobile sources. However, bus and other traffic emissions are associated with the fueling station operations. The rationale for excluding these emissions is not clear, particularly since one of the major conclusions is that mobile sources emitting diesel particulates exceeds all other risks from fugitive emissions to community members. It is not clear how this conclusion comes from the analysis, since mobile source emissions were not addressed.

RESPONSE:

In August 2003, SCAQMD published the "White Paper on Potential Control Strategies to Address Cumulative Impacts From Air Pollution" in which a regional evaluation of air quality was used to determine the risks posed to neighborhoods from mobile and stationary sources. According to the document "Estimated risks

from air toxic measurement at 10 monitoring stations for residents of the Basin are ~1,400 in a million (based on a range from about 1,120 in a million to about 1,740 in a million), with some areas experiencing higher risks. Reducing emissions throughout the Basin would decrease the overall risk on a regional basis and will lower neighborhood risks by varying degrees, depending on the localized circumstances.”

According to the results of the study (SCAQMD, 2003), for the areas of interest in San Bernardino, the communities adjacent to the 5<sup>th</sup> Street Station and I Street Station in San Bernardino, the background risk from mobile sources is approximately 1,000 in 1,000,000, while the background risk from stationary sources is approximately 100 in 1,000,000. For the areas immediately east of the 215 Freeway the risk is approximately 1,500 in 1,000,000.

For the area of interest in Montclair, the background risk from mobile sources is approximately is less than 1,000 in 1,000,000 while the background risk from stationary sources is approximately 100 in 1,000,000.

Omnitrans is mandated to reduce diesel emissions from buses and was given a grant by the SCAQMD to transition its fleet to alternative fuels in the 1990s. SCAQMD Fleet Rule 1192 - Clean On-Road Transit Buses mandates that Omnitrans and other public transit fleet operators “acquire alternative-fuel heavy-duty vehicles when procuring or leasing these vehicles to reduce air toxic and criteria pollutant emissions.” The rule applies to “public transit fleets with 15 or more public transit vehicle or urban buses, operated by government agencies or operated by private entities under contract to government agencies, that provide passenger transportation services including intra- and intercity shuttle services. “

Under Rule 1192 Alternative-Fuel Heavy-Duty Vehicle “means a heavy-duty vehicle, urban bus or engine that uses compressed or liquified natural gas, propane, methanol, electricity, fuel cells, or other advanced technologies that do not rely on diesel fuel, and meets the emission requirements of Title 13, Section 1956.1 of the California Code of Regulations [adopted by the California Air Resources Board (CARB) on February 24, 2000].

The report concludes that the facility emissions are unlikely to exceed risk management guidelines. For the reader to compare the estimated risks, it would be useful to have a tabular summary of these risks compared to the risk management levels used. Also, it is not clear in the report how the three receptors in the health risk analysis were chosen, where they are located, and what exposure duration or other assumptions were used.

RESPONSE: The receptors were chosen to represent students on the playing field, a resident along the fence line of the Omnitrans facility (anticipated worst case scenario), and a resident on the east side of Ramona Alessandro Elementary (based on predominant wind pattern and number of odor complaints).

An isopleth of the risks calculated near the facilities, or at least a geographical depiction of where the maximum estimated risk occurred, would be helpful to better convey the results to the reader.

RESPONSE: Figures representing the isopleths of the maximum concentrations from emitters are presented in the revised report.

The analysis uses Cal EPA factors for cancer potency, but uses US EPA factors for non-cancer health effects. The analysis should be consistent and use Cal EPA cancer potency factors and Reference Exposure Levels for non-cancer health effects evaluation.

RESPONSE: Comment noted. The reference exposure values have been changed to be consistent with the CalEPA values in the final report.

### Community Survey

The report states that a representative sample of residents was used, but contains no discussion of how this was determined. There was also no discussion of what percentage of residents were actually interviewed, how representative they were, or how these factors might affect the results.

RESPONSE: The survey attempted to survey as many residents as possible over a 5 day period. Residents were sent flyers in Spanish and English notifying them that a survey team would be in the neighborhood to collect information from all of the residents. The survey teams were able to get responses from approximately 600 residences in the areas surrounding the Metro, I Street, and West Valley Stations. For the Metro Station and I Street Station areas, the number of residences surveyed encompassed more than 75 percent of the residences in the area. For the West Valley station, the number of residences encompassed more than 30 percent of the residences in the area. The response rates from the door-to-door surveys were higher (30% to 75%) than the blinded surveys to students and staff at the school. The results from the door-to-door survey may well represent the potential impacts on the community better than the school survey.

The analysis used 500 feet intervals as the measure of distance, and correlations and p-values are presented. It is not clear in the report how the 500 feet distance intervals were chosen. Are there other approaches, such as categorizing the distance from the facilities into quartiles, and determining if there are any changes in overall or perceived health status among the quartiles?

RESPONSE: The value of 500 foot intervals is the approximate distance from the center of the Metro Station to the middle of the playing field at the Ramona Alessandro Elementary School.



The report states that there was a relationship between self-reported health status and distance to the Omnitrans facility (page 28). What is the nature of this relationship? What is the significance of this? Also, this statement contrasts with one in the Executive Summary (page xi) that statistical testing demonstrated no relationship between health status and proximity to the fueling stations.

RESPONSE: The significance has been noted previously. This will be corrected in the final report.

#### Presentation of the Summary Data

The report would be more useful and more easily understood if the results were presented in tabular or graphic formats with summary data and descriptive statistics. Much of the tabular information actually shown was related to correlation coefficients and p-values. While this is important for the analysis, it is very difficult to get an overall picture of the findings with these limited depictions of the results.

RESPONSE: Summary tables will be created for the final report.

#### **Specific Comments**

##### ***Page x, Paragraph 5***

Any interviews of the students or families? Why only one school for comparison? How was the comparison school selected?

RESPONSE: No interviews were scheduled with students or families of students. A blinded survey instrument was provided to the families of all students on track during January 2004. Thompson Elementary School was previously selected by the SBCUSD as a case control for the Ramona Alessandro Elementary School.

##### ***Page xi, Paragraph 3***

What percentage of the residents was interviewed? Is this a representative sample?

RESPONSE: Approximately 30% to 75% of the households in the areas around each of the fueling stations were contacted during the survey period. These percentages should represent a large enough group to be able to make statistical inferences on the potential impacts on the community.

##### ***Page xi, Paragraph 4***

Have the student surveys been done? Has this been done with parents?

RESPONSE: : In January 2004 a survey of students at the Ramona Alessandro Elementary School was performed with the approval of the San Bernardino City Unified School District (SBCUSD). A one page survey instrument, in English and Spanish, was provided to all students attending during the month of January 2004. A total of 700 surveys were supplied to the school for distribution to students. Each survey was supplied in a self-addressed stamped envelope to ensure anonymity for the respondents. During this period two of the three tracks of students are in attendance. This constitutes approximately 650 of the 850 students who attend the school. In addition, at the request of one of the staff members who is also a member of WeCAN, a survey of staff members of the Ramona Alessandro Elementary School was also performed in January 2004. After approval by SBCUSD, a one page survey instrument, similar to the one supplied to students was sent to the school for distribution. Each survey was supplied in a self-addressed stamped envelope to ensure anonymity for the respondents. Surveys of parents living within the ½ mile radius of the Metro Station were performed in the form of the door-to-door canvassing performed in October 2003.

***Page xi, Paragraph 5***

Not clear what the data show. No summary data tables of findings are presented. What percentage of respondents indicated that their current health status was poor, for example?

RESPONSE: A summary table of the findings will be presented in the final report. Approximately 9% of the respondents living near the Metro Station reported that their health status was poor.

***Page xii, Paragraph 1***

What about short-term effects? Odors?

RESPONSE: Odors have been the principal complaints related to the operation of the Metro Station. Multiple sampling events by SCAQMD and by contractors to the SBCUSD and Omnitrans failed to show where sources of odors from the Metro Station were occurring once the compressed natural gas system was made inoperative. Given the lack of analytical data indicating a source of odorous compounds such as mercaptans, it is difficult to ascribe any short-term effects to compounds that have not been detected.

***Page xii, Paragraph 4***

What are these ranges of risk management values? A summary table of estimated risk compared to these values would be helpful.

RESPONSE: A review of Superfund Records of Decision since 1986 indicates that acceptable excess carcinogenic risk at various sites was between  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$ . The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) indicates that for known or suspected carcinogens, acceptable exposure levels are generally concentration levels that represent an excess upper bound lifetime cancer risk to an individual between  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$  using information on the relationship between dose and response (40 CFR 300.430). Under State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65 or the Act), the no significant risk levels (NSRLs) for carcinogens and maximum allowable dose levels (MADLs) for chemicals that cause reproductive toxicity (the risk management levels) are defined as the daily intake level calculated to result in one excess case of cancer in an exposed population of 100,000, assuming lifetime (70-year) exposure at the level in question and the level at which the chemical would have no observable adverse reproductive effect assuming exposure at 1,000 times that level, respectively. The NSRLs and MADLs are promulgated in Title 22, California Code of Regulations, (CCR) Sections 12705 and 12805 respectively to assist interested parties in determining whether warnings are required for exposures to listed chemicals, and whether discharges to sources of drinking water are prohibited. SCAQMD has outlined its risk management requirements for new and existing source review (Rules 1401 and 1402) the cumulative increase in maximum individual cancer risk (MICR) shall not exceed: one in a million ( $1 \times 10^{-6}$ ) if best available control technology is not used; or, ten in a million ( $10 \times 10^{-6}$ ) if best available control technology is used. This information will be summarized in a table for the final report.

***Page xii, Conclusions, second bullet***

Mobile sources were not included in the analysis. How does this conclusion arise?

RESPONSE: The impacts from mobile sources are based upon the SCAQMD's "White Paper on Potential Control Strategies to Address Cumulative Impacts From Air Pollution." According to the results of the study (SCAQMD, 2003), for the areas of interest in San Bernardino, the communities adjacent to the 5<sup>th</sup> Street Station and I Street Station in San Bernardino, the background risk from mobile sources is approximately 1,000 in 1,000,000, while the background risk from stationary sources is approximately 100 in 1,000,000. For the areas immediately east of the 215 Freeway the risk is approximately 1,500 in 1,000,000.

For the area of interest in Montclair, the background risk from mobile sources is approximately is less than 1,000 in 1,000,000 while the background risk from stationary sources is approximately 100 in 1,000,000.

***Chapter 2, page 20, Section 2.1.5.1***

A table of the findings would help the reader to better follow the results. This seems a short study period? (January 2, 2002 to March 29, 2002). Why not longer?

RESPONSE: The redacted handwritten nursing logs were provided by the SBCUSD at the request of Omnitrans. The period represents the transition period from CNG to LCNG at the Metro Station.

Why are the symptoms, nausea and headaches, combined? Would separating these symptoms give additional information?

RESPONSE: The symptoms were reported in the redacted handwritten nursing logs as a combined symptom.

What is difference between respiratory problems (paragraph 1) and respiratory distress (paragraph 3)? Is this in reference to asthma attacks, stuffy noses, other?

RESPONSE: Respiratory distress is a reference to dyspnea. Dyspnea is defined as breathing difficulties involve a sensation of difficult or uncomfortable breathing or a feeling of not getting enough air.

Why was Thompson Elementary School chosen for comparison?

RESPONSE: Thompson Elementary School was chosen by the SBCUSD as a representative control study center.

### ***Chapter 2, page 21, Section 2.1.5.1 (continued)***

What is the significance of the findings from the two schools?

RESPONSE: Figures 6a through 6f show the relative distribution of the symptoms during the period evaluated for each school. Figures 6g through 6l show the absolute difference between each school for the symptoms reported. For vomiting induced by motion and bloody noses caused by trauma there are a higher number of cases at Ramona Alessandro Elementary then at Thompson Elementary School. For the other symptoms, respiratory distress, spontaneous vomiting, headaches/nausea, and spontaneous bloody noses, the absolute difference between each day appears to be evenly distributed. That is to say that there were just as many days where the symptoms reported at Thompson Elementary exceeded the number of symptoms reported by Ramona-Alessandro Elementary. Even on or near days where odor complaints were high for the 5<sup>th</sup> Street Station (February 5 and February 6, 2002), symptoms reported at Ramona Alessandro Elementary School did not show an elevated trend when compared with the Thompson Elementary School..

***Chapter 2, page 24, Section 2.1.6, paragraph 3***

Why wasn't information collected by SCAQMD during the extensive monitoring program provided for the preparation of this report? Is this important to your analysis?

RESPONSE: Multiple requests were made for the data through Freedom of Information Act Requests and through e-mails and phone calls to the designated contacts at SCAQMD. No reason was given by SCAQMD for not providing the data.

***Chapter 3: page 25, paragraph 1***

Timeframe for conducting the interviews is not clear.

RESPONSE: Interviews were conducted from October 20, 2003 to October 25, 2003.

***Chapter 3: page 25, section 3.1, paragraph 2***

How was it determined that a "representative sample" was taken? What percentage of the total residents in the area participated?

RESPONSE: Approximately 30% to 75% of the households in the areas around each of the fueling stations were contacted during the survey period. These percentages should represent a large enough group to be able to make statistical inferences on the potential impacts on the community.

***Chapter 3: page 25, section 3.1, paragraph 3***

What does "contacted" refer to? Spoke to a resident or visited?

RESPONSE: Contacted refers to an attempt to interview. Surveyors were instructed to knock on each door in the neighborhood and attempt to talk with each resident.

***Chapter 3: page 25, section 3.2, paragraph 1***

How was the "representative sample" determined?

RESPONSE: Representative was determined to be more than 25% of the residents in the area.

***Chapter 3: page 26, section 3.4***

The student survey would be an important addition.

RESPONSE: The student survey was completed in January 2004. The results are being tabulated and will be included in the final report.

***Chapter 3: page 27, section 3.5, paragraph 2***

The tables do not show the data on self-reported health status. Only the correlation coefficients and p-values are shown. A summary of the data would be helpful.

RESPONSE: A summary will be included in the final report.

What does “potentially statistically significant relationship” mean? Relationship with what? Distance? Sentence #2 of this paragraph is not clear.

RESPONSE: Change in health status for years 3 and 5 were reported as poorer for residents living closer to the West Valley Facility. The significant effect noted was that the self reported change in health status from 5 years ago has an effect on the self-reported change in health status from 3 years ago (If you perceive yourself as being healthy 5 years ago you are more likely to perceive yourself as being healthy 2 years later. If you perceive that your health is poor you are more likely to continue to perceive yourself). In addition, the self-reported change in health status from 3 years ago has a negative effect on the self-reported change in health status for the last year. It appears from the data table that as the distance from the site increases the change in self-reported health status decreases. This relationship could be interpreted to mean that residents who are closer to the I-10 Freeway (to the south of the West Valley Station and farther away from the site) have a decreased self-reported change in health status.

With reference to statement “but this may be due to covariation and the small N,” deserves further explanation? The p-value was very low. Expand discussion?

RESPONSE: A smaller number of residents were surveyed in the community surrounding the West Valley Station than in the communities surrounding the Metro or I Street Stations therefore the results are more prone to the impacts of small reported changes.

***Chapter 3: page 28, paragraph 3***

How do you interpret these results? It appears from this statement that there is an association of overall self-reported health status and distance from the facilities. It would be useful to show data summaries as well as correlation coefficients and p-values to help understand findings.

RESPONSE: It appears for the I Street and Metro Station areas self-reported changes in health status have a positive effect with distance. That is to say that

people who live farther away from the stations have fewer changes to their health status. For residents near the West Valley station the change in self-reported health status are negative as the distance from the site increases. This relationship could be interpreted to mean that residents who are closer to the I-10 Freeway (to the south of the West Valley Station and farther away from the site) have a decreased self-reported change in health status.

***Chapter 4: Local Area Survey, page 29, paragraph 1***

Did not find the emission rates for the sources in Appendix C or an explanation of how these rates were derived.

RESPONSE: The emission rates for sources are provided in the final report.

***Chapter 4: page 33, section 4.1.2, paragraph 1***

“Thirty individual businesses (autobody, auto mechanics, markets and bakeries, laundries, restaurants, and trucking facilities) were identified within the half-mile radius of the Metro Station.” How do you account for their disposition in the document. Six facilities are identified in Table 7. Apparently seventeen could not be mapped. The disposition of the remaining seven businesses is not mentioned in the document. It is unclear what facilities were excluded from the analysis or why. With reference to Table 7, what were the emission rates? With reference to Appendix G, six facilities are identified in Table 7. But only four facilities are represented in the Metro Station model.

RESPONSE: The remaining facilities are accounted for in the final report. The four facilities in the Metro Station represent emitters that are closest to the community and have the highest emissions. The other emitters were too far away to impact the community and produced a low rate of emissions.

***Chapter 5: Dispersion Modeling, page 44***

The air dispersion modeling can be used to describe or explain the results. Some effort should be made to understand or map out the risk isopleth (or concentration contours). It is not clear where the three receptors are located or how they were chosen.

RESPONSE: The receptors are mapped in the final report.

Public Health Surveys (Chapter 3) and Local Area Surveys (Chapter 4) were prepared for “each fueling station”. “The Industrial Source Complex - Short Term (ISCST3) model was performed on the industrial sources identified within the half mile radius of each facility.” (page 44) Tables 8 and 9 suggest I Street Station and West Valley Station inventories, respectively. Tables 10 through 12 and Appendix G represent the Metro Station only. The I Street and West Valley Stations models and discussion appear to be missing from this document.

RESPONSE: The models for I Street and West Valley Stations are included in the final report.

***Chapter 6: Chemicals of Potential Concern (COPC), page 45***

The issues surrounding Omnitrans involve suspected fuel (specifically natural gas and indirectly unleaded gasoline and diesel) emissions. The list of chemicals of potential concern (COPC) seems to ignore natural gas and diesel. They are absent from the discussion.

RESPONSE: These compounds will be included in the final report.

Gasoline is known to contain benzene and methyl tertiary benzyl ether (MTBE). Benzene and MTBE are absent from the discussion and weight fraction of unleaded gasoline. The exclusion of these compounds may underestimate risks.

RESPONSE: The gasoline vapor component includes these compounds. The reference dose and cancer slope factor are from the Air Resource Board 1997 assessment of Toxic Air Contaminants.

No references or explanations for Tables 10 through 12. No documentation (citations and calculations) for the emissions rates and weight fractions for each pollutant. Which model receptors were used to represent the worker, resident, and students. Include any exposure assumptions used for the worker or student receptors. Without complete documentation, it is difficult to determine the accuracy and adequacy of this assessment.

RESPONSE: The emission rates and weight fractions are included on the emission summaries. Documentation for the rates are include therein.

***Chapter 6: page 46, paragraph 2***

References for this? How is this relevant to the current analysis? Mobile sources are associated with businesses and fueling operation. Why were these also excluded?

RESPONSE: References will be included in the final report. These compounds were excluded since the SCAMD had already calculated the impact on the communities of interest.

***Chapter 7: Chemicals Characteristics, page 47, section 7.2 paragraph 1***

What do the values for “gasoline vapor” represent?



RESPONSE: Gasoline vapor is a composite of the volatile organic compounds, including benzene. The Cancer Slope Factor (CsF) and Reference Dose represents a composite of the CsFs and Reference Doses. The reference dose and cancer slope factor are taken from the 1997 Toxic Air Contaminant Identification List Summaries from the Air Resource Board.

***Chapter 7: page 47, section 7.2 paragraph 2***

With reference to Federal CSFs, has this been defined?

RESPONSE: Yes.

***Chapter 7: page 48, paragraph 2***

Why not use Cal EPA Reference Exposure Levels as was done with cancer potency? Should be consistent.

RESPONSE: This will be amended in the final report to be consistent with Cal EPA policy.

***Chapter 7: page 48, section 7.2.1 paragraph 1***

Not clear on the relevance of this section to the analysis.

RESPONSE: This section outlines the mechanisms of carcinogens that are recognized by the scientific community.

***Chapter 7: page 50, paragraph 1***

Cal EPA also has Reference Exposure Levels for chronic as well as acute effects. Should use these rather than EPA's when available. Analysis should also be expanded to include short-term exposure, since the ISC models can calculate one-hour averages.

RESPONSE: Comment noted. This will be completed for the final report.

***Chapter 8: Exposure Assessment, page 54, section 8.1***

How were the factors used? What factors related to potentially exposed persons were used?

RESPONSE: The exposure factors are listed at the bottom of table 10 through 12. A separate table of exposure factors will be placed in the final report.

***Chapter 8: page 55, section 8.1.1***

Where are these receptors located? How were they chosen? How representative are they of the potentially exposed population?

RESPONSE: Receptors and receptor locations are noted on the figures included in the document.

**Chapter 8: page 58, paragraph 2**

With reference to RfD, there are also RELs for short-term (one to several hours) established by Cal EPA. Since the model can calculate one hour levels, these should also be used to assess potential effects of short-term exposures.

RESPONSE: This can be performed and will be included in the final report.

**Chapter 9: page 61, section 9.3**

Tables 4 through 10 did not show risk. Presume Tables 10-12 were meant. AQMD guidelines call for 70 year exposures for all risk assessments. Only a 30-year exposure was presented.

RESPONSE: Table numbering will be corrected in the final report.

What were the sources of acetaldehyde and toluene?

RESPONSE: Acetaldehyde is attributed primarily to operations of charbroilers in local restaurants. The following table was included in the final report listing the sources of potential chemicals of concern.

| Compound                    | Source                              |
|-----------------------------|-------------------------------------|
| • Gasoline vapors           | • Gasoline                          |
| • Methyl Ethyl Ketone (MEK) | • Paint                             |
| • Acetone                   | • Paint, degreasers                 |
| • Isopropanol               | • Paint thinner, degreasers         |
| • Ethyl Benzene             | • Paint thinner                     |
| • Methyl Alcohol            | • Degreasers                        |
| • Toluene                   | • Paint, degreasers, brake cleaners |
| • Butyl Benzyl Phthalate    | • Paint                             |

- VM&P Naphta
- Xylenes
- Acetaldehyde
- Methylene Chloride
- Paint thinner
- Paint thinner, carbuerator cleaners
- Charbroilers
- Carbuerator cleaners, degreasers

Where are the receptors located? It would be useful to show an isopleth or show the maximum impact of the three receptor types evaluated.

RESPONSE: See response above.

What is the summary evaluation of potential risk from the Omnitrans facility emissions?

RESPONSE: The risks associated with the Omnitrans facility is provided in Table 10.

***Chapter 10: Uncertainty Evaluation, page 62, section 10.2***

What were the parameters used for exposure assessment?

RESPONSE: The exposure parameters are listed at the bottoms of Tables 10 and Table 11.

***Chapter 11: Conclusions and Recommendations, page 65, paragraph 1***

With reference to “potential risks”, potential risk from what?

RESPONSE: Potential risks from fugitive emissions at the Omnitrans facilities or the surrounding industrial facilities.

***Chapter 11: page 65, paragraph 3***

With reference to “Cal EPA’s risk management range, what is this range?”

RESPONSE: Under State of California’s Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65 or the Act), the no significant risk levels (NSRLs) for carcinogens and maximum allowable dose levels (MADLs) for chemicals that cause reproductive toxicity (the risk management levels) are defined as the daily intake level calculated to result in one excess case of cancer in an exposed population of 100,000, assuming lifetime (70-year) exposure at the level in question and the level at which the chemical would have no observable adverse reproductive effect assuming exposure at 1,000 times that level,

respectively. The NSRLs and MADLs are promulgated in Title 22, California Code of Regulations, (CCR) Sections 12705 and 12805 respectively to assist interested parties in determining whether warnings are required for exposures to listed chemicals, and whether discharges to sources of drinking water are prohibited. SCAQMD has outlined its risk management requirements for new and existing source review (Rules 1401 and 1402) the cumulative increase in maximum individual cancer risk (MICR) shall not exceed: one in a million ( $1 \times 10^{-6}$ ) if best available control technology is not used; or, ten in a million ( $10 \times 10^{-6}$ ) if best available control technology is used. This information will be summarized in a table for the final report.

With reference to US EPA's acceptable risk range, what is this range?

RESPONSE: A review of Superfund Records of Decision since 1986 indicates that acceptable excess carcinogenic risk at various sites was between  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$ . The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) indicates that for known or suspected carcinogens, acceptable exposure levels are generally concentration levels that represent an excess upper bound lifetime cancer risk to an individual between  $1 \times 10^{-4}$  to  $1 \times 10^{-6}$  using information on the relationship between dose and response (40 CFR 300.430).

***Chapter 11: page 65, paragraph 4, first bullet***

Explain "SRHS."

RESPONSE: Self reported health status. The questionnaires provided in the door-to-door survey and in the mail in survey of the school requested that the respondent provide their estimate of their health.

***Chapter 11: page 65, paragraph 4, third bullet***

With reference to "exceeds all other risks from fugitive emissions of other sources in the area," how does this conclusion arise? Mobile sources were not included in the analysis.

RESPONSE: SCAQMD's estimate for potential risks from mobile sources were used as a comparison.

What about the school survey results? What conclusion can be drawn from the school survey?

RESPONSE: After compiling the responses the following conclusions can be drawn from the school survey:

A low overall response rate from the family's of students at the school was achieved (lower than the response rate from residents surveyed in a door-to-door campaign in October 2003);

***Table 12- Quantification of Carcinogenic Risks and Noncarcinogenic Risks***

What are the components of gasoline vapor?

RESPONSE: The components of gasoline vapor include benzene, toluene, ethylbenzene, and xylenes.

***Appendix G: ISCST3 Modeling Output***

The total organic gas (TOG) emissions for Omnitrans Metro station (1.3569 micrograms per second) were distributed over 0.05388 square kilometers and represented with a ground level release (0.00 meters). The Omnitrans emissions would be better represented with an area similar to the actual dimensions of the fueling islands and at a release height appropriate for dispensing fuel from the pump nozzles (perhaps 1 meter). The dispersion of emissions over a greater area and use of a lower release height would underestimate risks.

RESPONSE: Comment noted. The final model will be adjusted to have TOG from the fuel dispensing islands better represented.

Delete the San Bernardino Intermodal Facility from the model. At 0.000000E+00 emissions, it does not contribute to the overall risk or the presentation. Its presence in the Metro Station model gives the impression that it has been included.

RESPONSE: Comment noted. The San Bernardino Intermodel Faciltiy will be removed from the model.

Verify the San Bernardino Intermodal Facility and Prieto Autobody Shop polygon vertices. They appear to have extra vertices (beyond the confines of a closed polygon).

RESPONSE: The vertices will be verified to removed any extra vertices.

Verify the source parameters for the Yellow Cab Bell Cabstop (YllwCab). By modeling convention, the southwest corner is used as the origin to geometrically describe any given area. By rotating the YllwCab image by 180 degrees, one effectively moves the origin. In other words, it is unclear whether the YllwCab is intended for (445.4, 52.9) or (423.1, 3.9), both with 0 degrees of rotation.

RESPONSE: The source parameters for YllwCab will be verified prior to finalizing the report.

Describe the use of the 0.1 and 0.07692 hour of day (HROFDY) inputs for the YllwCab, TacoKid, and Prieto sources. It would not be appropriate to apply multiple exposure discounts: first as part of the emission rate, second within the model (as either 0.0 or as fractional HROFDY), and third as part of the exposure assumptions. Without complete documentation of the emission rate, the HROFDY, and exposure assumptions, it is difficult to ascertain if multiple discounts were taken. The use of multiple discounts would underestimate risks.

RESPONSE: Comment noted. Multiple discounts were not performed. The HROFDY concentrates the emissions during the potential exposure period.

The Metro model employs a polar grid. A polar grid is often used for a single source (where the center of the polar grid may be assigned to the source) with undefined or uncertain meteorology... one is trying to outline the plume characteristics. In this case, several facilities are contained in the Metro modeling effort and it would be appropriate to use a square receptor grid instead, where the center point has not been prescribed and may prejudice the receptor alignment.

RESPONSE: The Cartesian grid will be applied in the final report to the models.

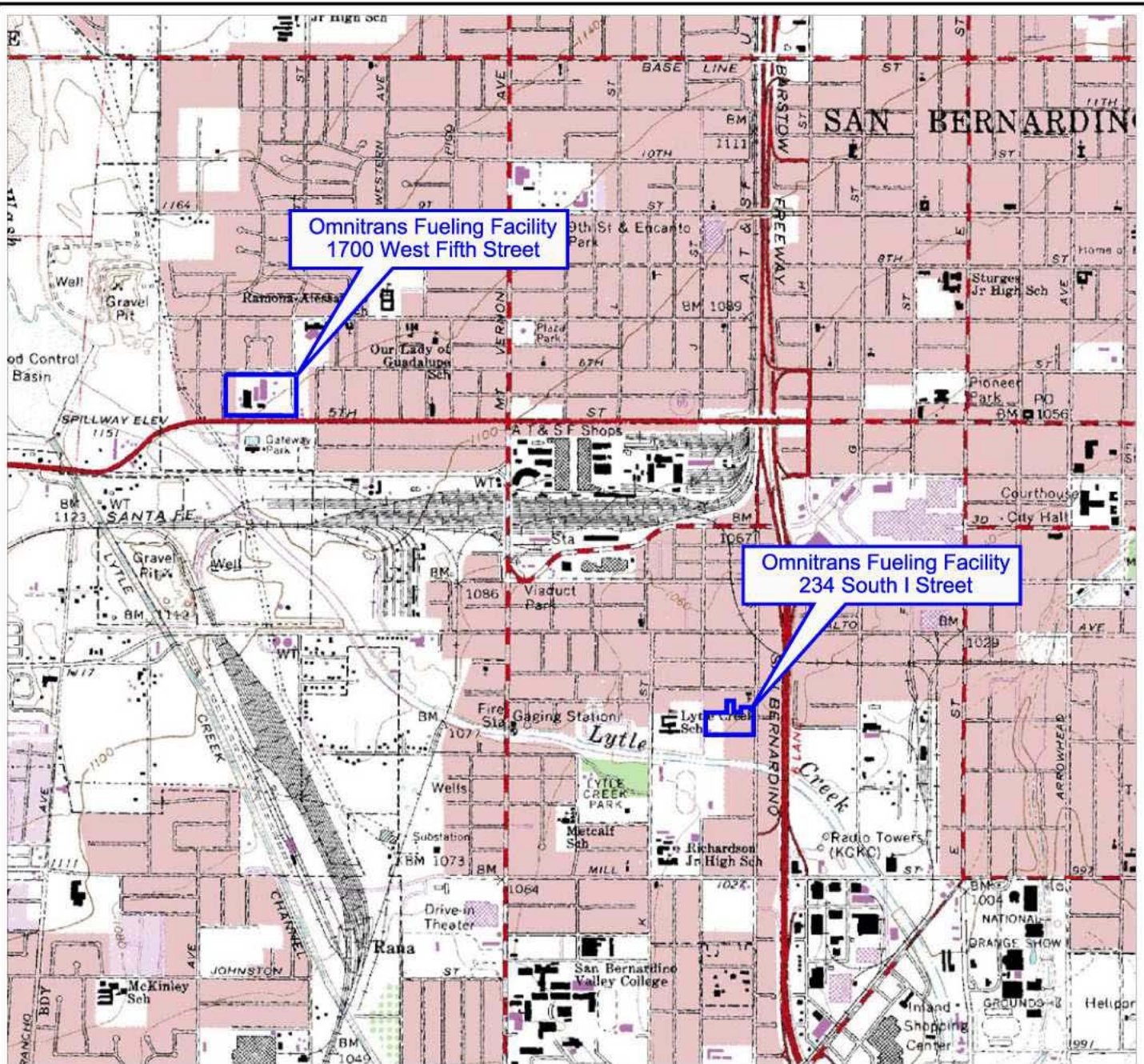
The Metro modeling grid employs distances of 152, 305, 457, 610, and 762 meters. District guidelines recommend a modeling grid with 100 meter spacing. The use of distant receptors would underestimate risks.

RESPONSE: The distances represent 500, 1000, 1500, 2000, and 2500 feet distances from the Omnitrans facility. Discrete receptors were placed at points in the system which represented potential sensitive receptors including students and residents of the area. The intent of the large modeled area was to try and capture the impact of as many receptors on the community as possible. The Cartesian Grid that will be employed in the final model to encompass the area of interest (1/2 mile radius from Omnitrans facility).

The Metro model employs relative coordinates. It would be more prudent to use absolute coordinates. With the advances in global positioning system (GPS) technology, it is easy to record absolute coordinates with any GPS device. And, GPS coordinates allow for overlay and verification on a real map or aerial photograph.

RESPONSE: The coordinates used in the models were based upon a rectified aerial photographs of the areas of interest. Re-verifying the coordinates is unnecessary for the purposes of this evaluation.





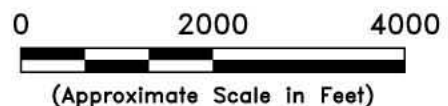
## NOTES

1. All locations are approximate.
2. Sources:

"San Bernardino South " 7.5 Minute Quadrangle, 1:24000 Series, United States Geological Survey. 1980, photorevised 1981.

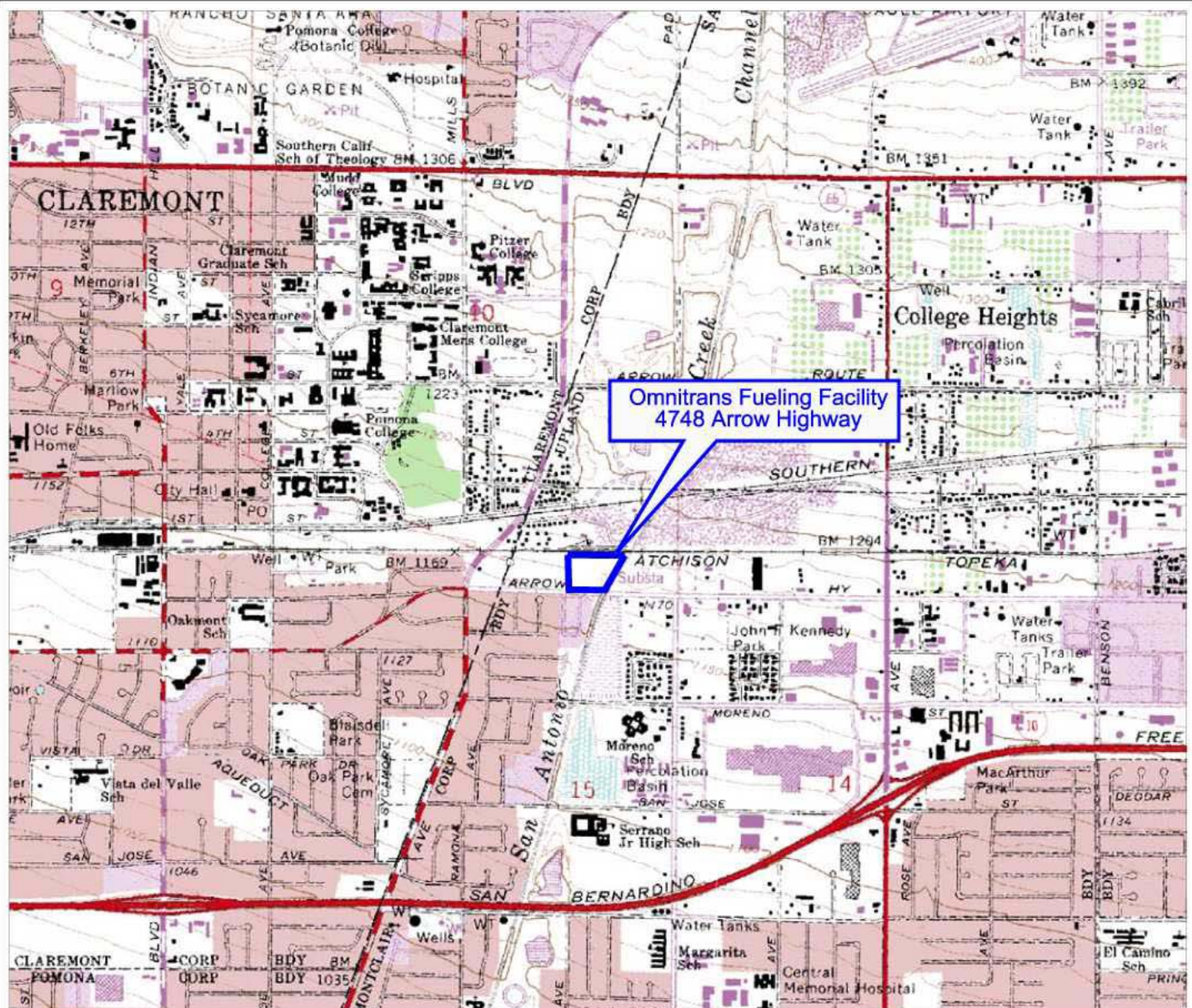


NORTH



|                                                                                                                                     |                   |                      |
|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|
| Title: Site Location Map<br>Omnitrans Fueling Facilities<br>1700 West 5th Street / 234 South I Street<br>San Bernardino, California |                   |                      |
| Date: 10/28/03                                                                                                                      | Drafted By: RCH   | Figure No: <b>1a</b> |
| Project No: 015                                                                                                                     | Approved By: JJJC |                      |





## NOTES

1. All locations are approximate.
2. Sources:

"Ontario" 7.5 Minute Quadrangle, 1:24000 Series, United States Geological Survey. 1978, photorevised 1981.



NORTH

0 2000 4000  
  
 (Approximate Scale in Feet)



Title: Site Location Map  
 Omnitrans Fueling Facility  
 4748 Arrow Highway, Montclair, California

|                 |                   |                      |
|-----------------|-------------------|----------------------|
| Date: 10/28/03  | Drafted By: RCH   | Figure No: <b>1b</b> |
| Project No: 015 | Approved By: JJJC |                      |



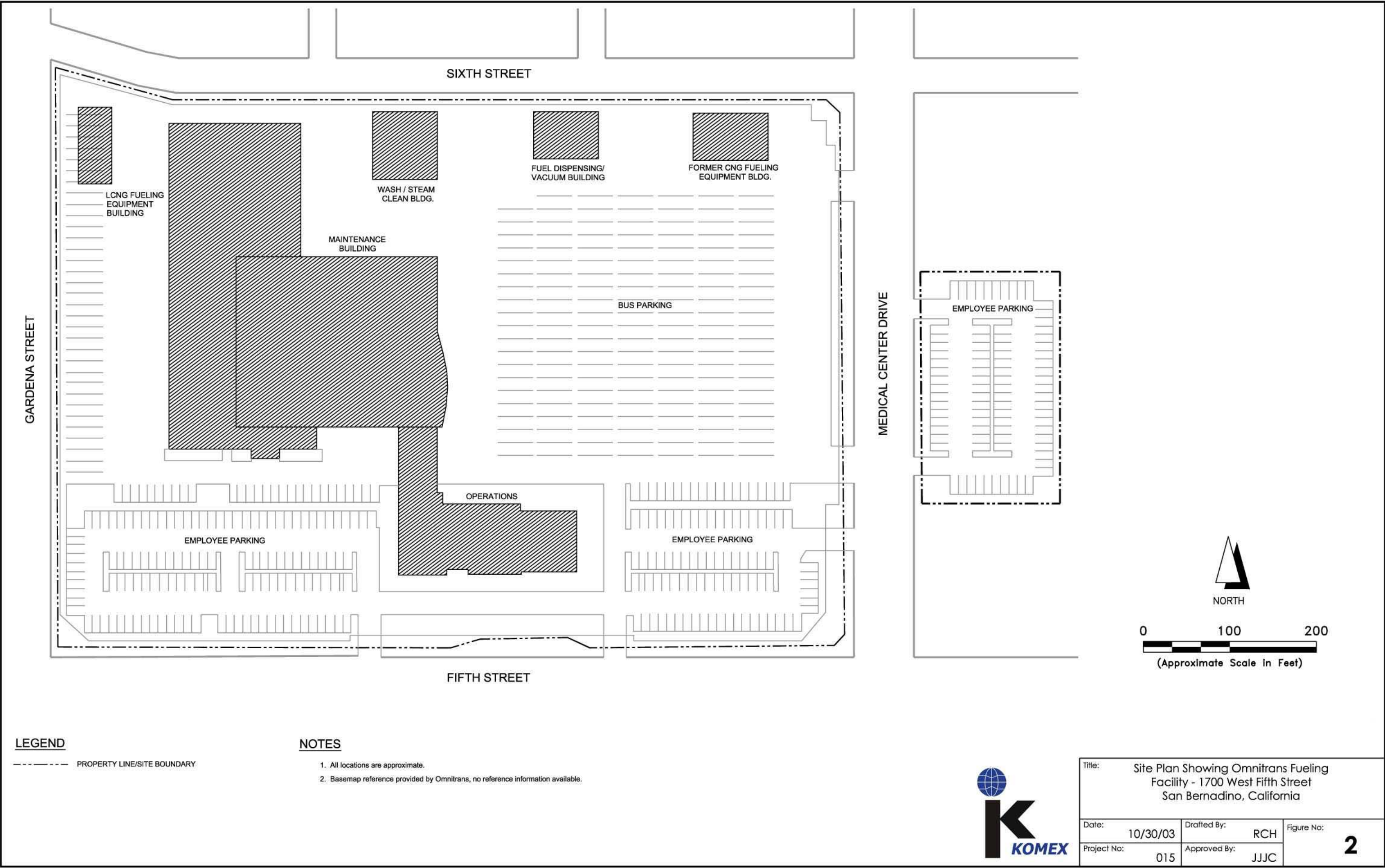


Figure 3: Gasoline Deliveries - Omnitrans West Fifth Street Fueling Facility, San Bernadino, CA

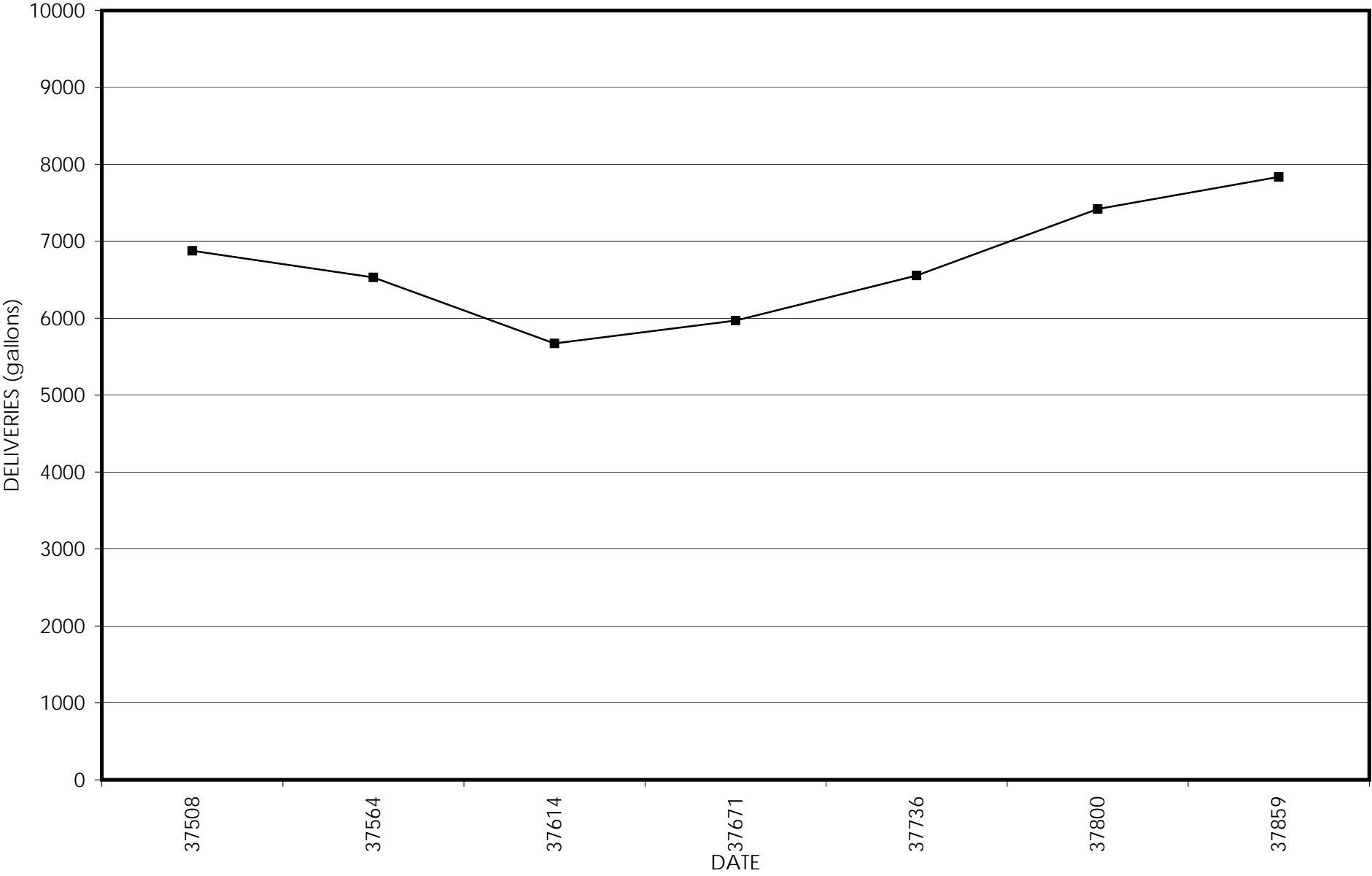


Figure 4: Ultra Low Diesel Deliveries - Omnitrans West Fifth Street Fueling Facility, San Bernadino

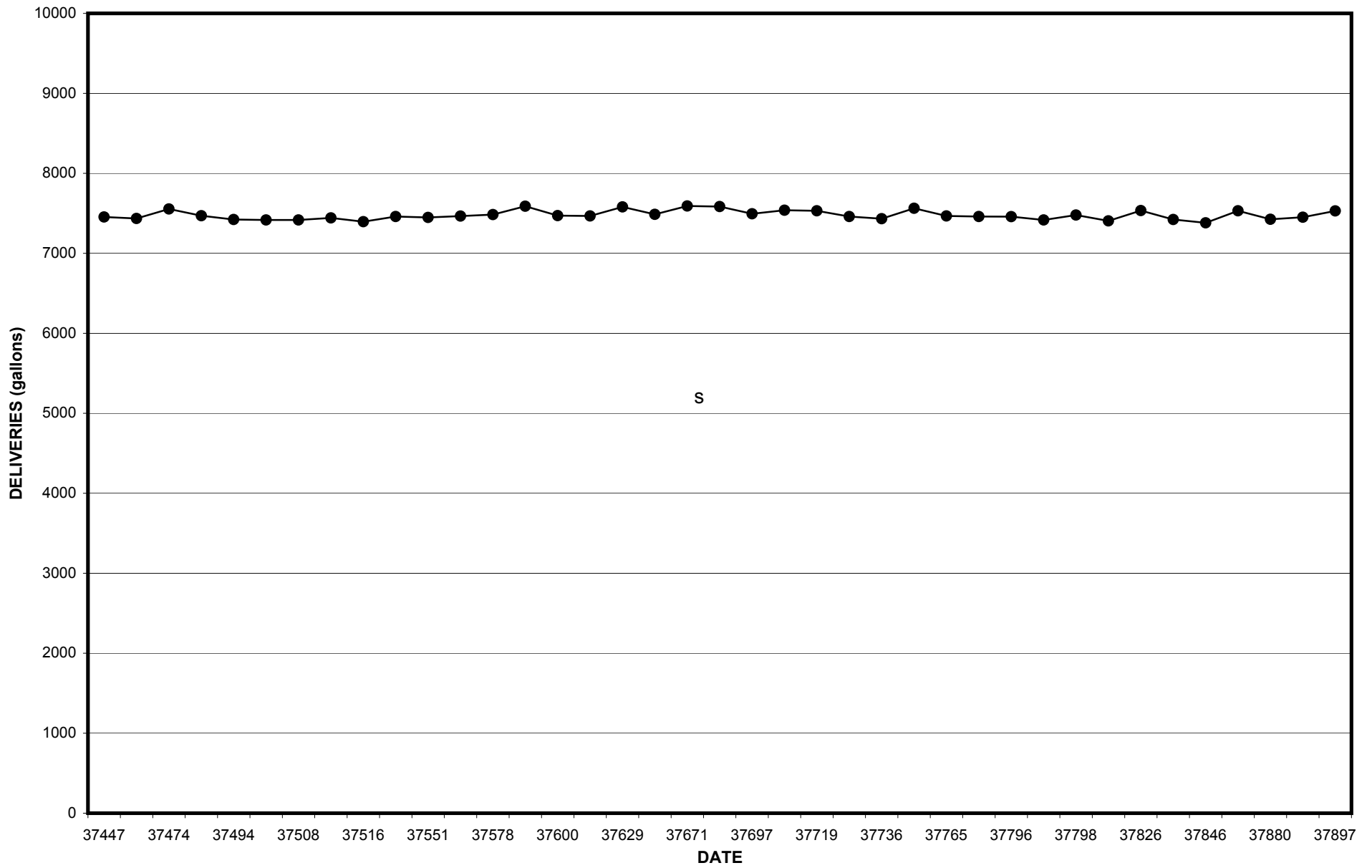
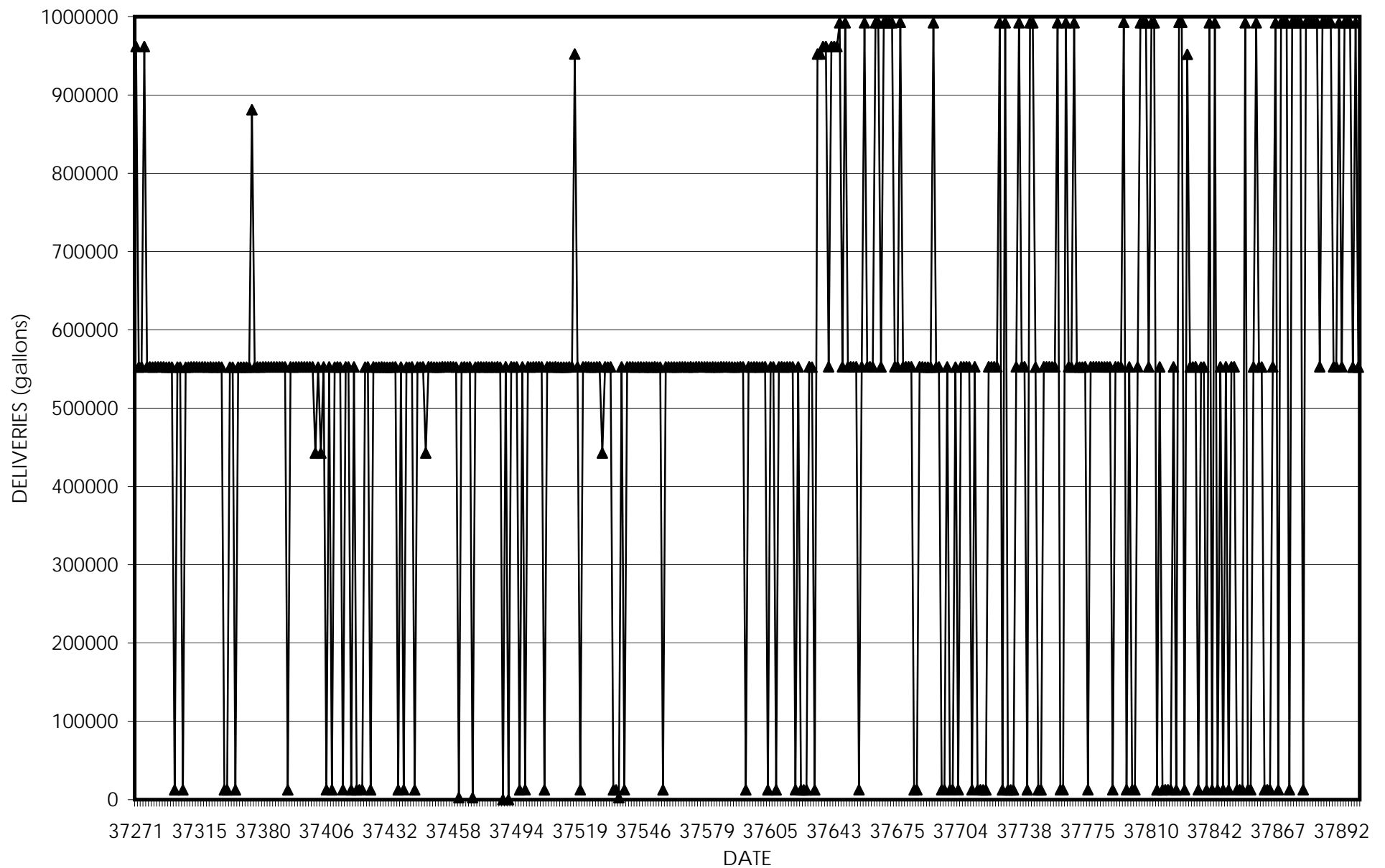
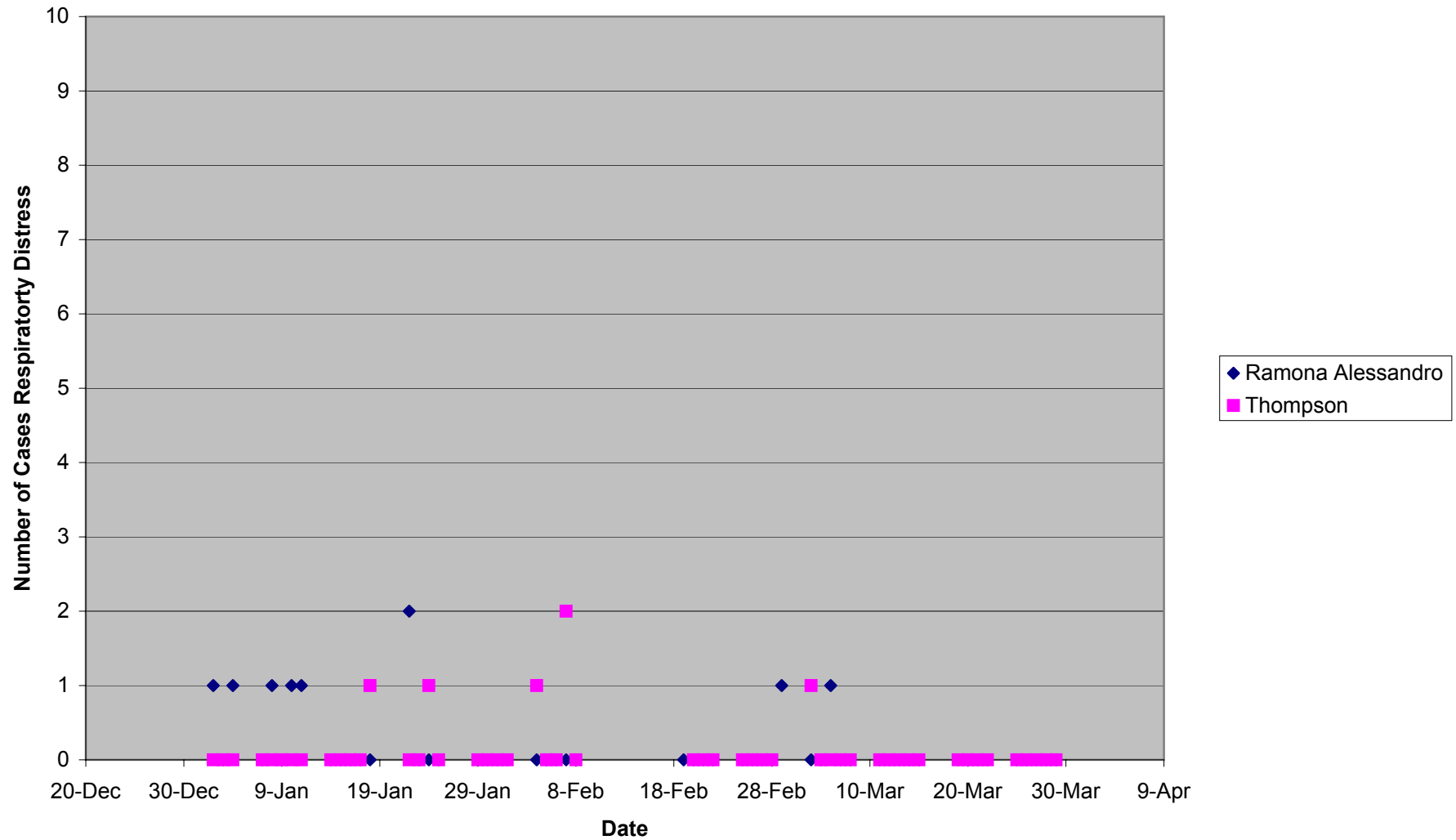


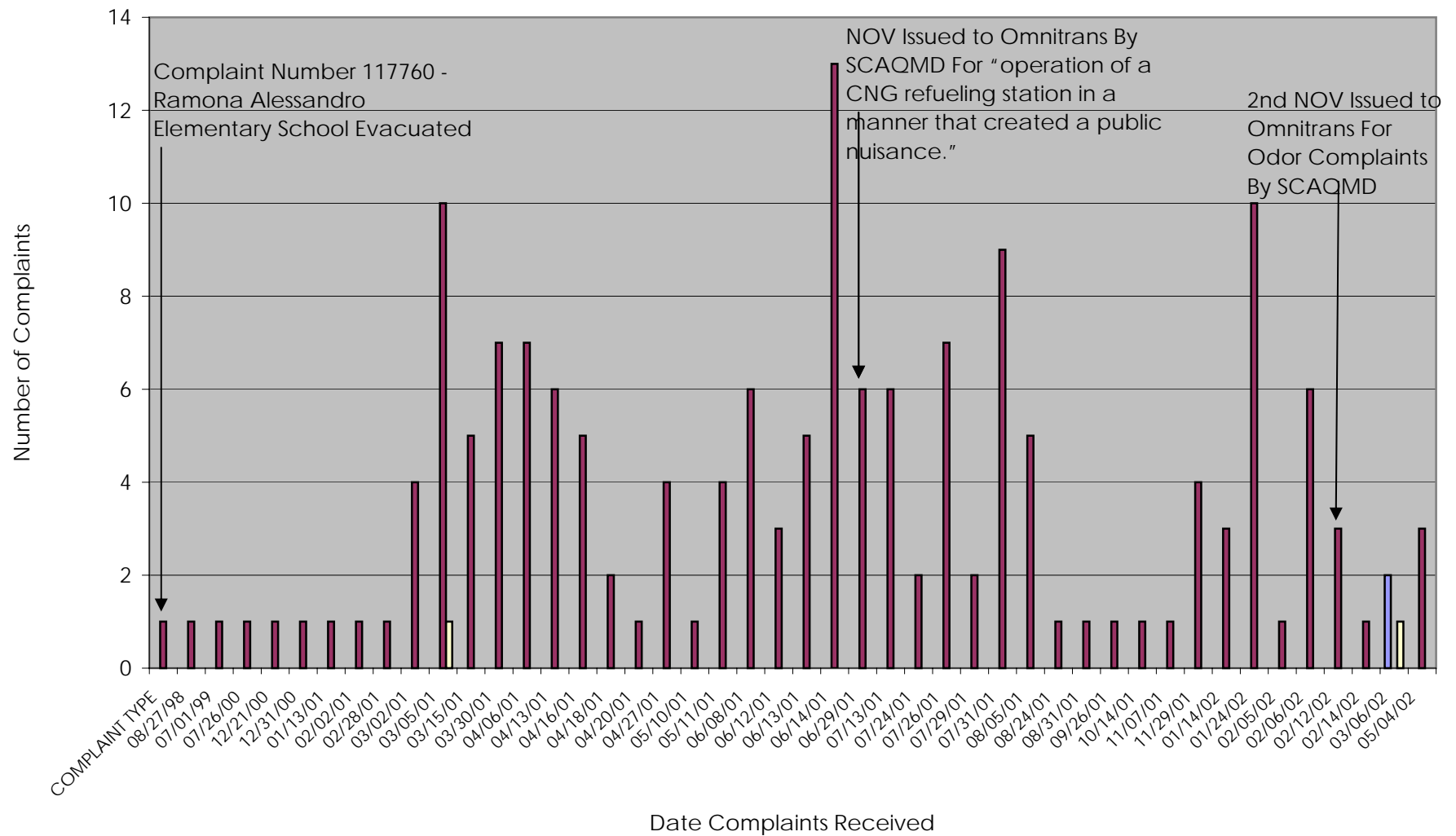
Figure 5: LCNG Deliveries - Omnitrans West Fifth Street Fueling Facility, San Bernadino, CA



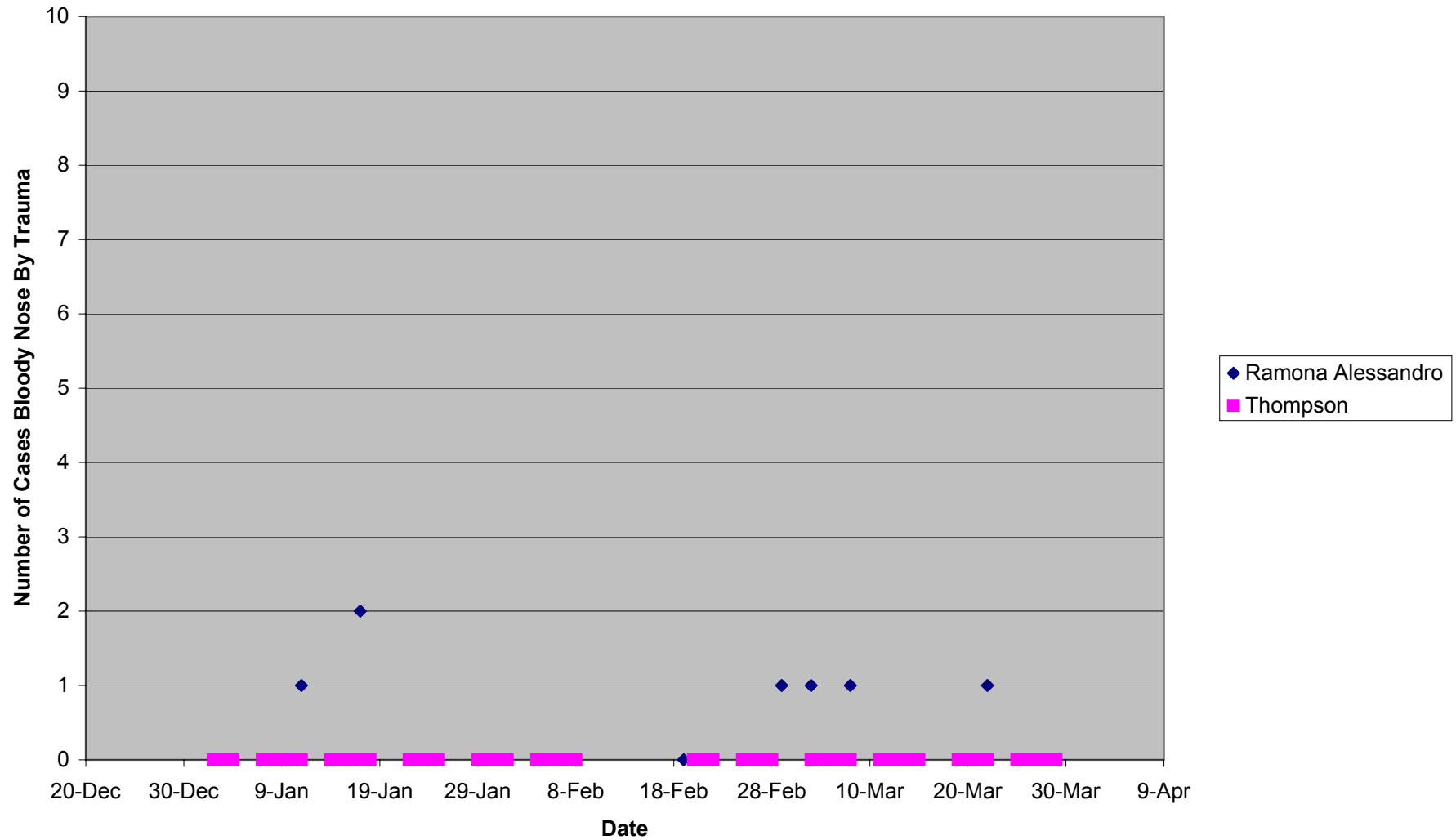
**Figure 6a: School Nursing Logs Ramona Alessandro and Thompson Elementary Schools –  
Number of Cases of Respiratory Distress**



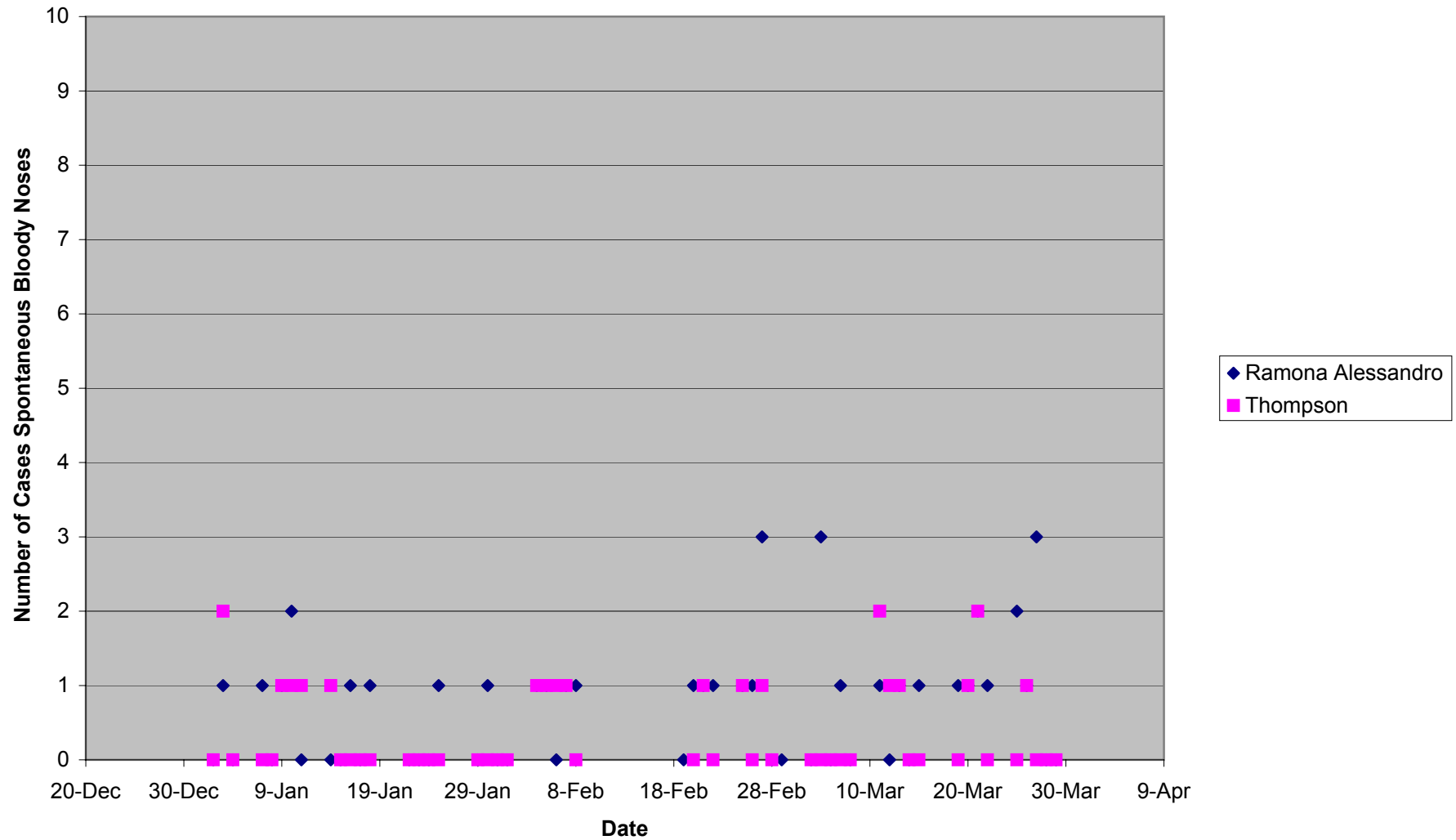
**Figure 6: Odor Complaints Against Omnitrans Fueling Facility – 1700 West 5th Street, San Bernardino, CA**



**Figure 6b: School Nursing Logs Ramona Alessandro and Thompson Elementary Schools –  
Number of Cases of Bloody Nose By Trauma**

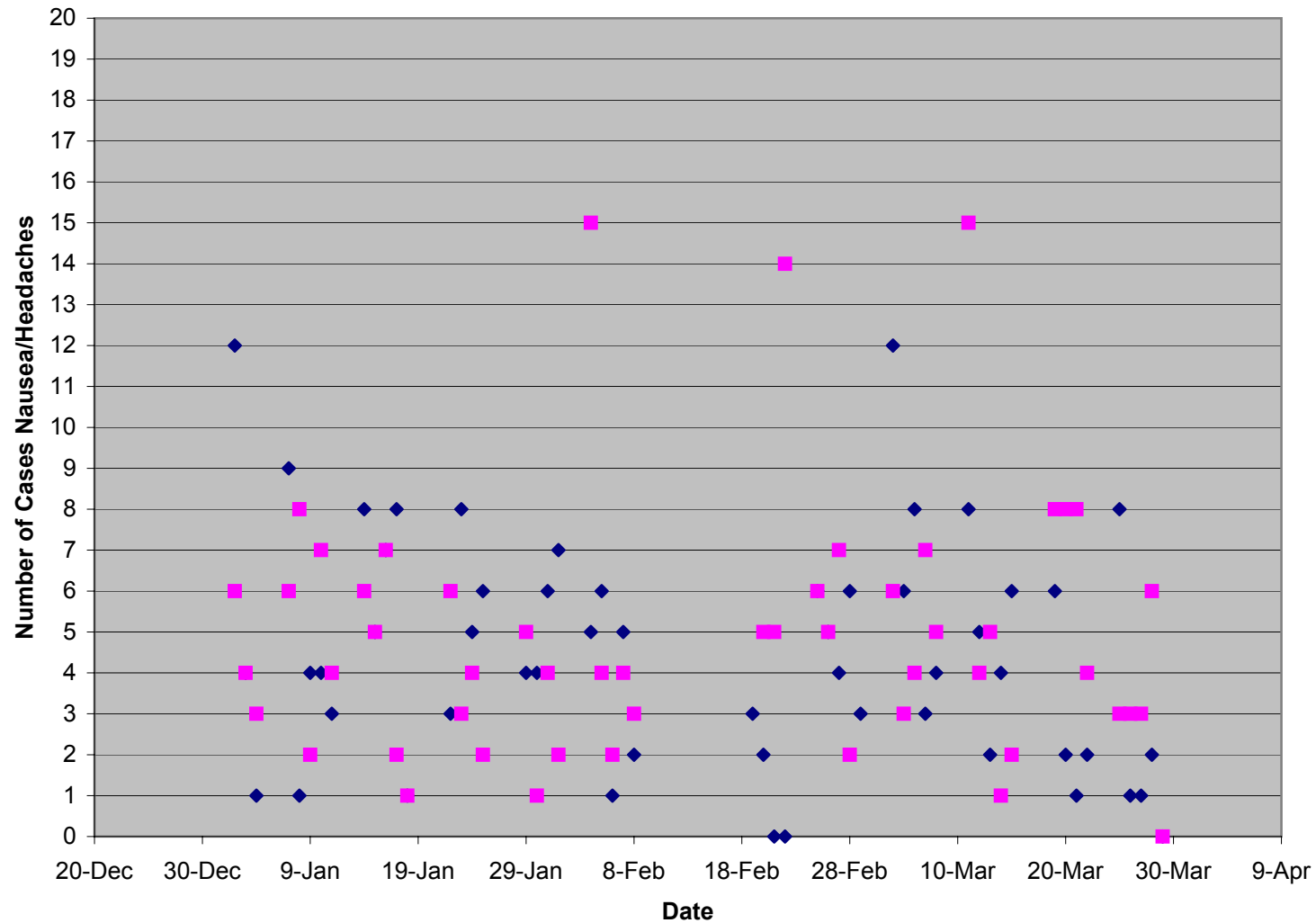


**Figure 6c: School Nursing Logs Ramona Alessandro and Thompson Elementary Schools –  
Number of Cases of Spontaneous Bloody Nose**

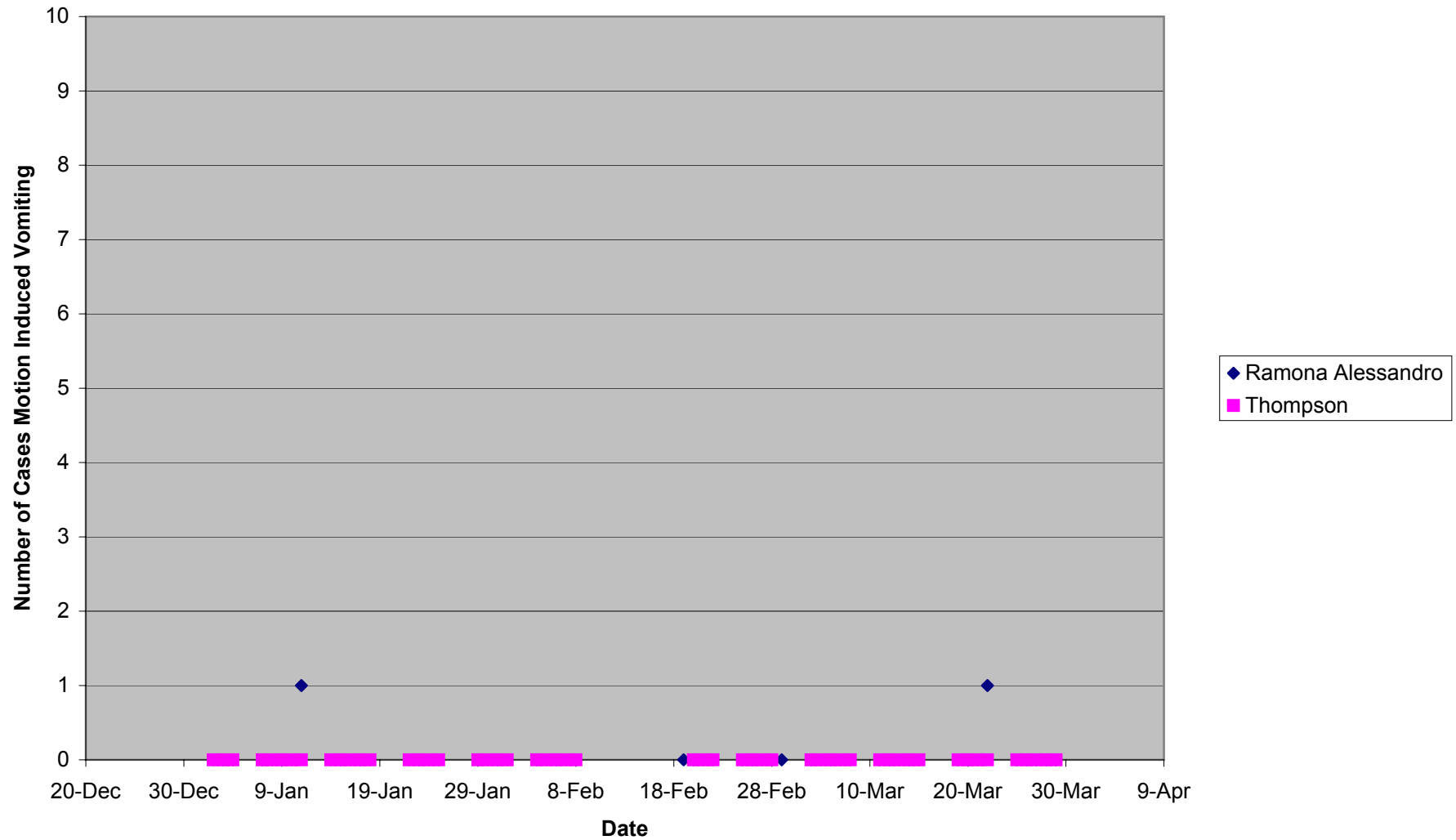




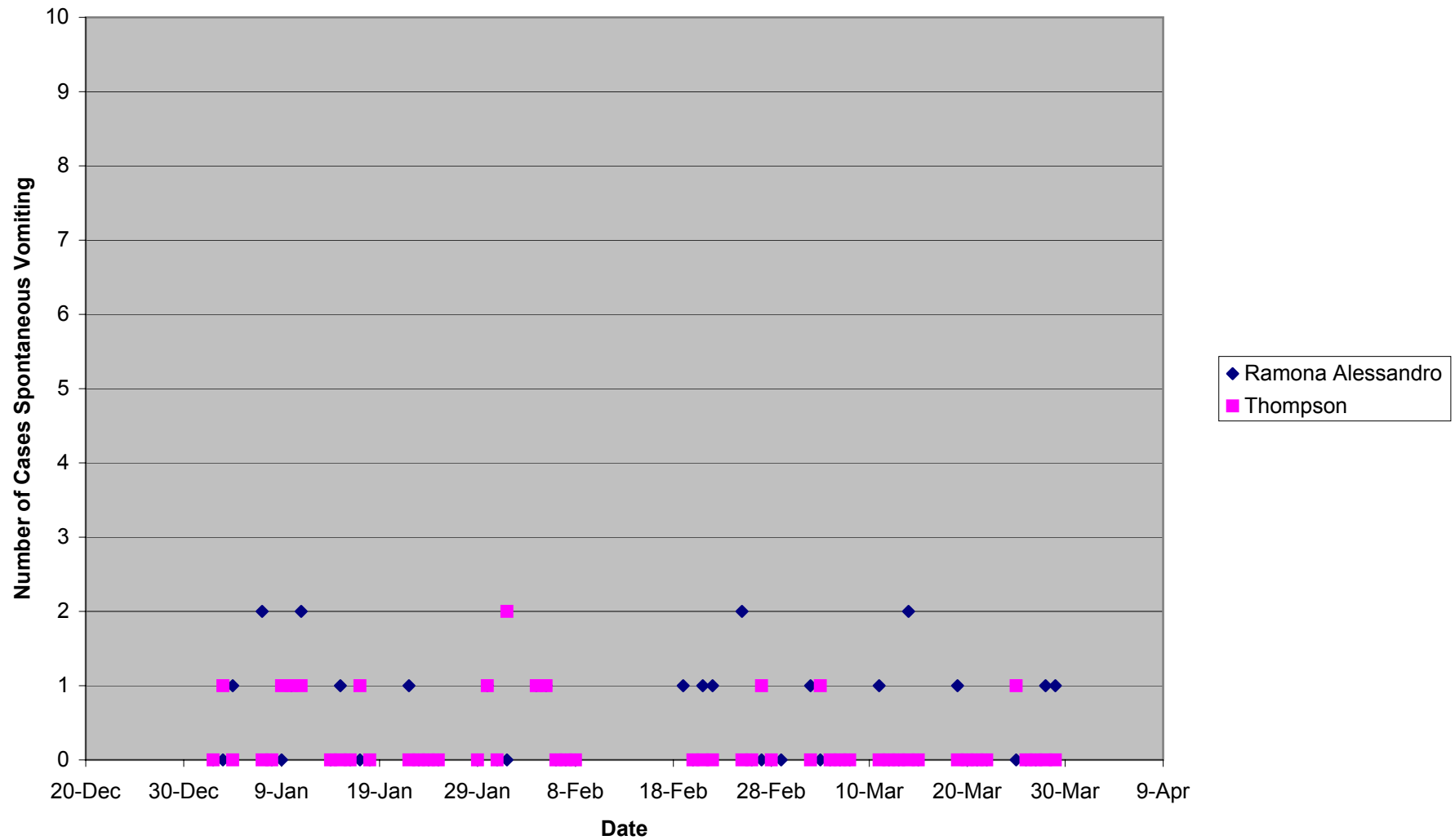
**Figure 6d: School Nursing Logs Ramona Alessandro and Thompson Elementary Schools –  
Number of Cases of Nausea/Headache**



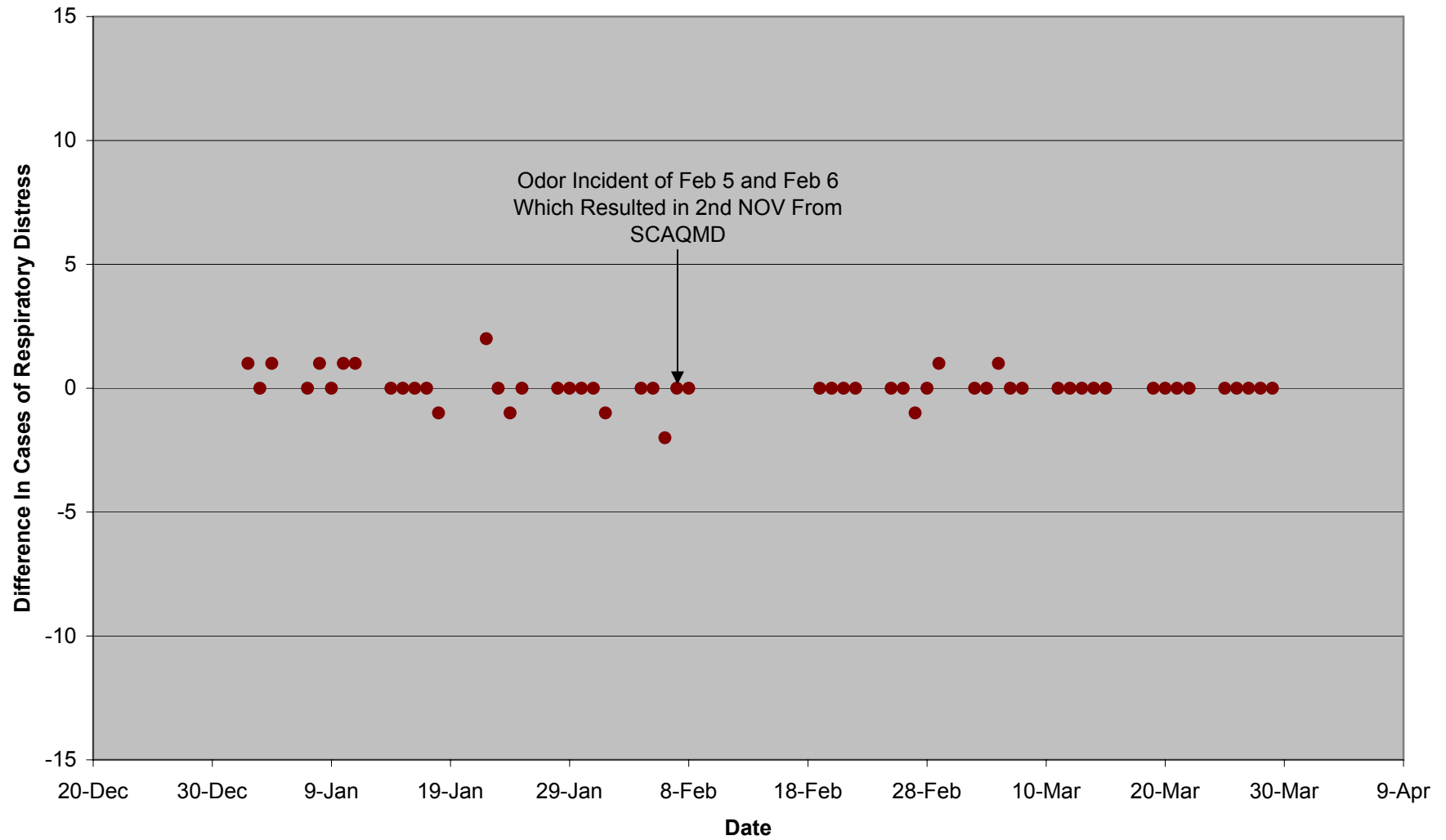
**Figure 6e: School Nursing Logs Ramona Alessandro and Thompson Elementary Schools –  
Number of Cases of Motion Induced Vomiting**



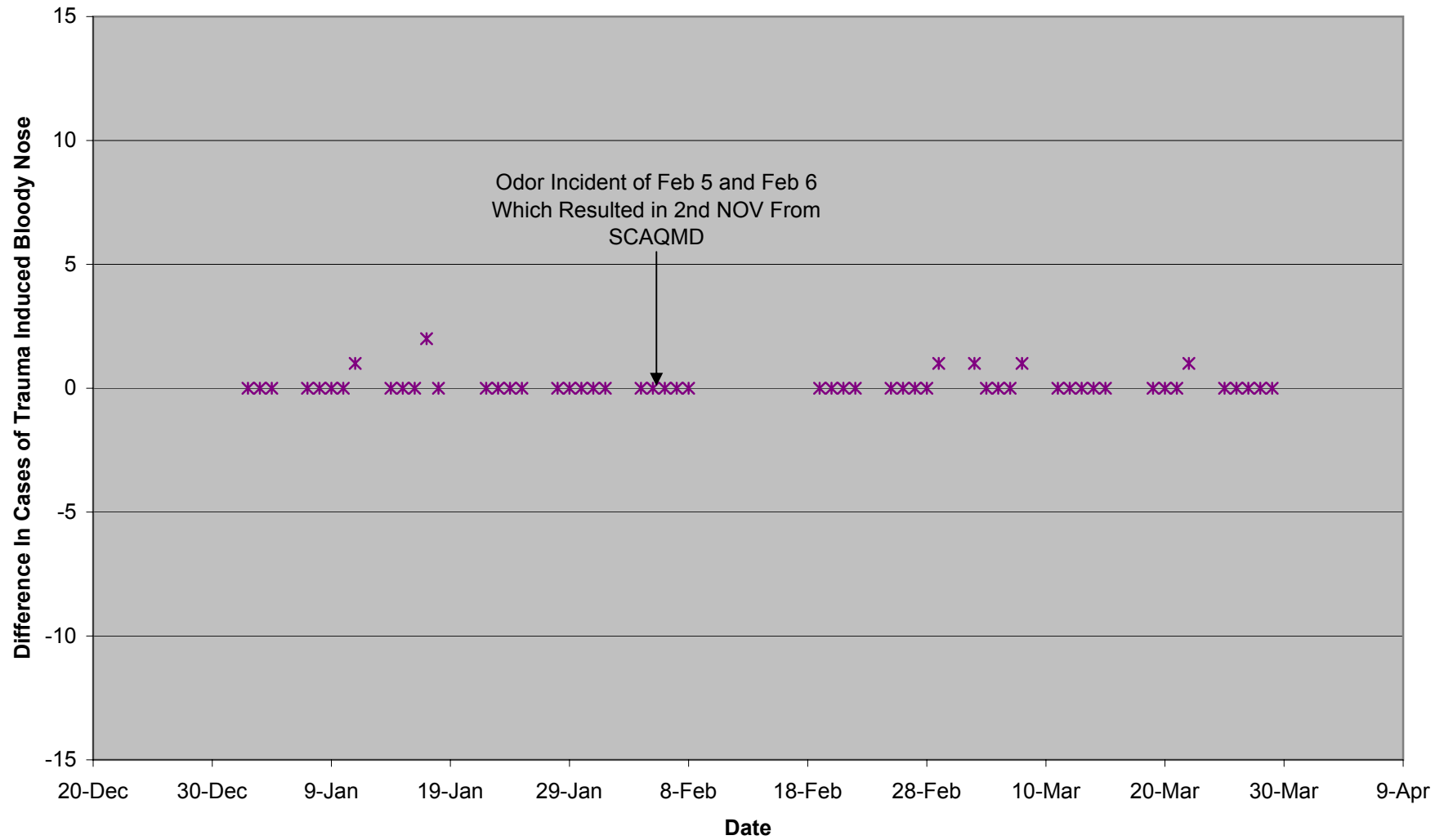
**Figure 6f: School Nursing Logs Ramona Alessandro and Thompson Elementary Schools –  
Number of Cases of Spontaneous Vomiting**



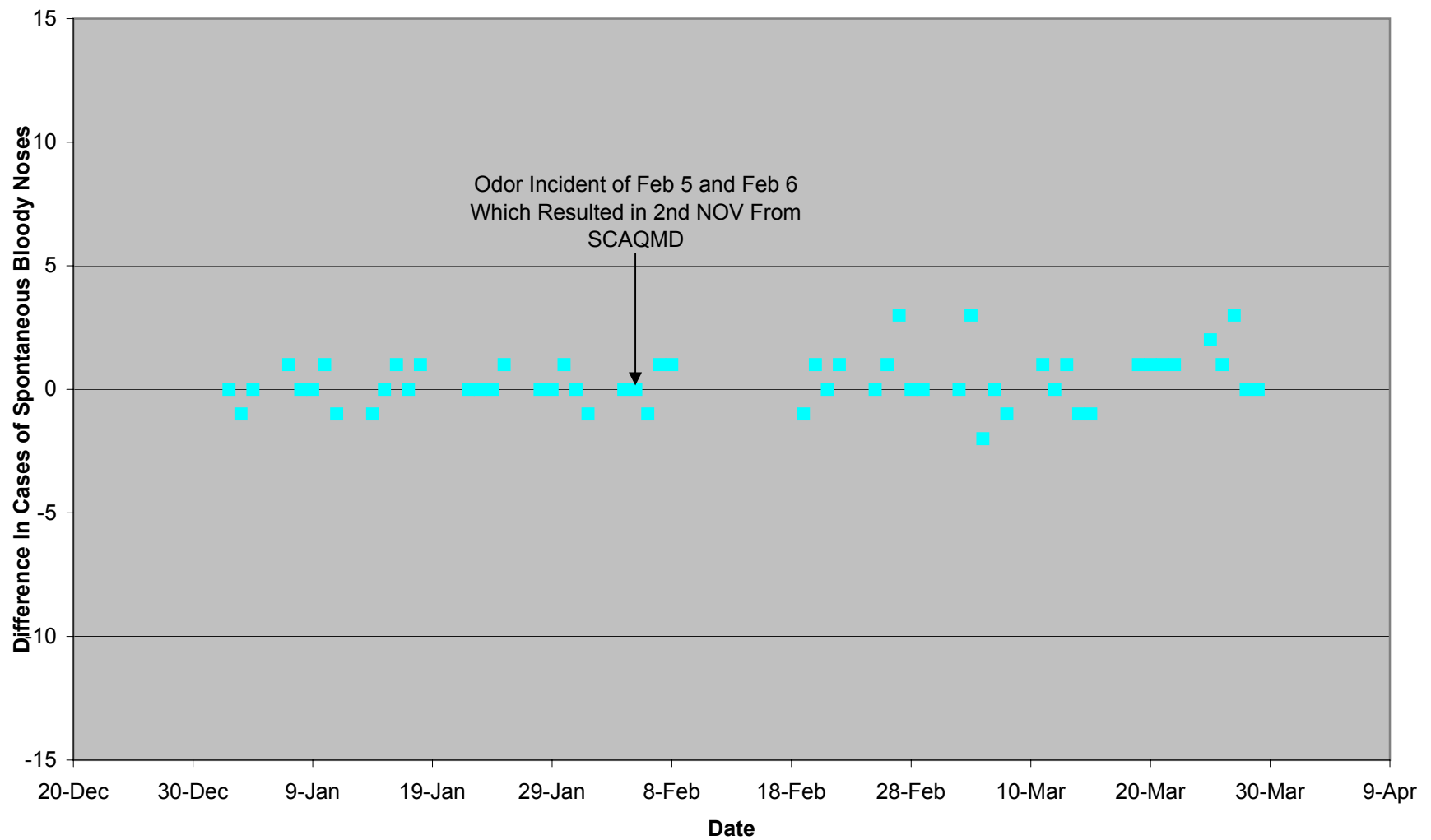
**Figure 6g: Scatter Plot Of Absolute Difference Between Reported Symptoms  
(Ramona Alessandro Symptoms minus Thompson Symptoms)**



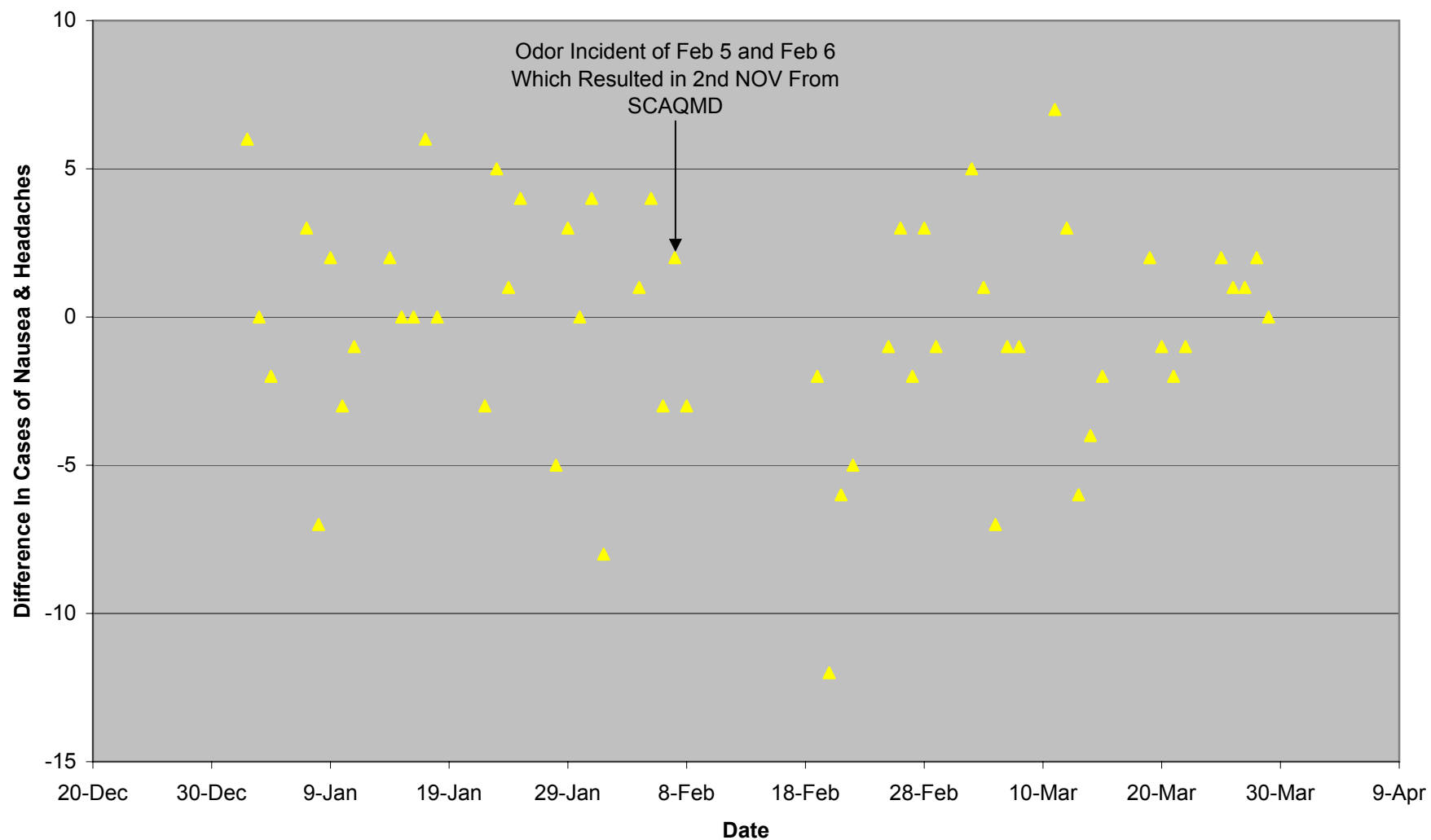
**Figure 6h: Scatter Plot Of Absolute Difference Between Reported Symptoms  
(Ramona Alessandro Symptoms minus Thompson Symptoms)**



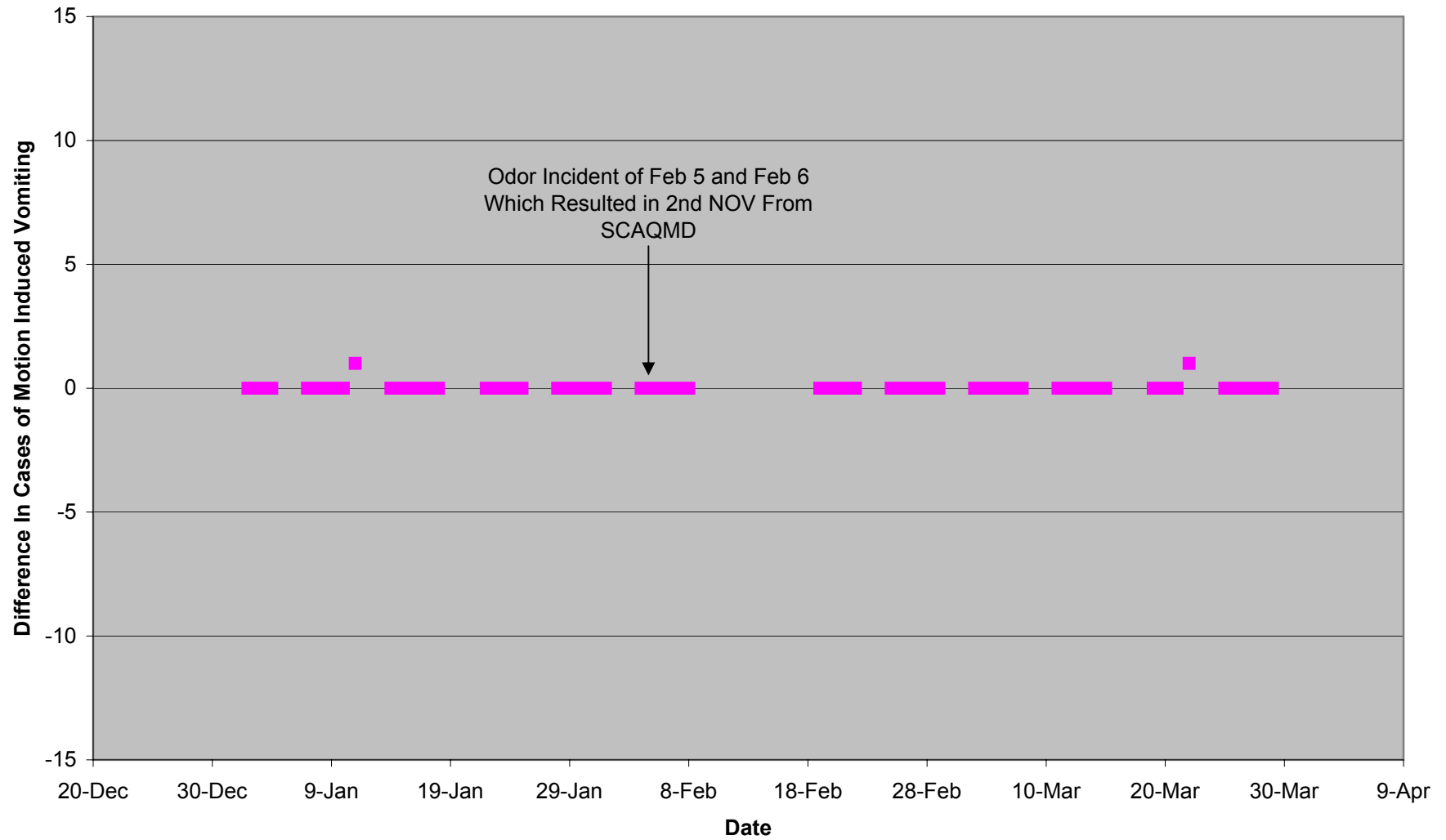
**Figure 6i: Scatter Plot Of Absolute Difference Between Reported Symptoms  
(Ramona Alessandro Symptoms minus Thompson Symptoms)**



**Figure 6j: Scatter Plot Of Absolute Difference Between Reported Symptoms  
(Ramona Alessandro Symptoms minus Thompson Symptoms)**

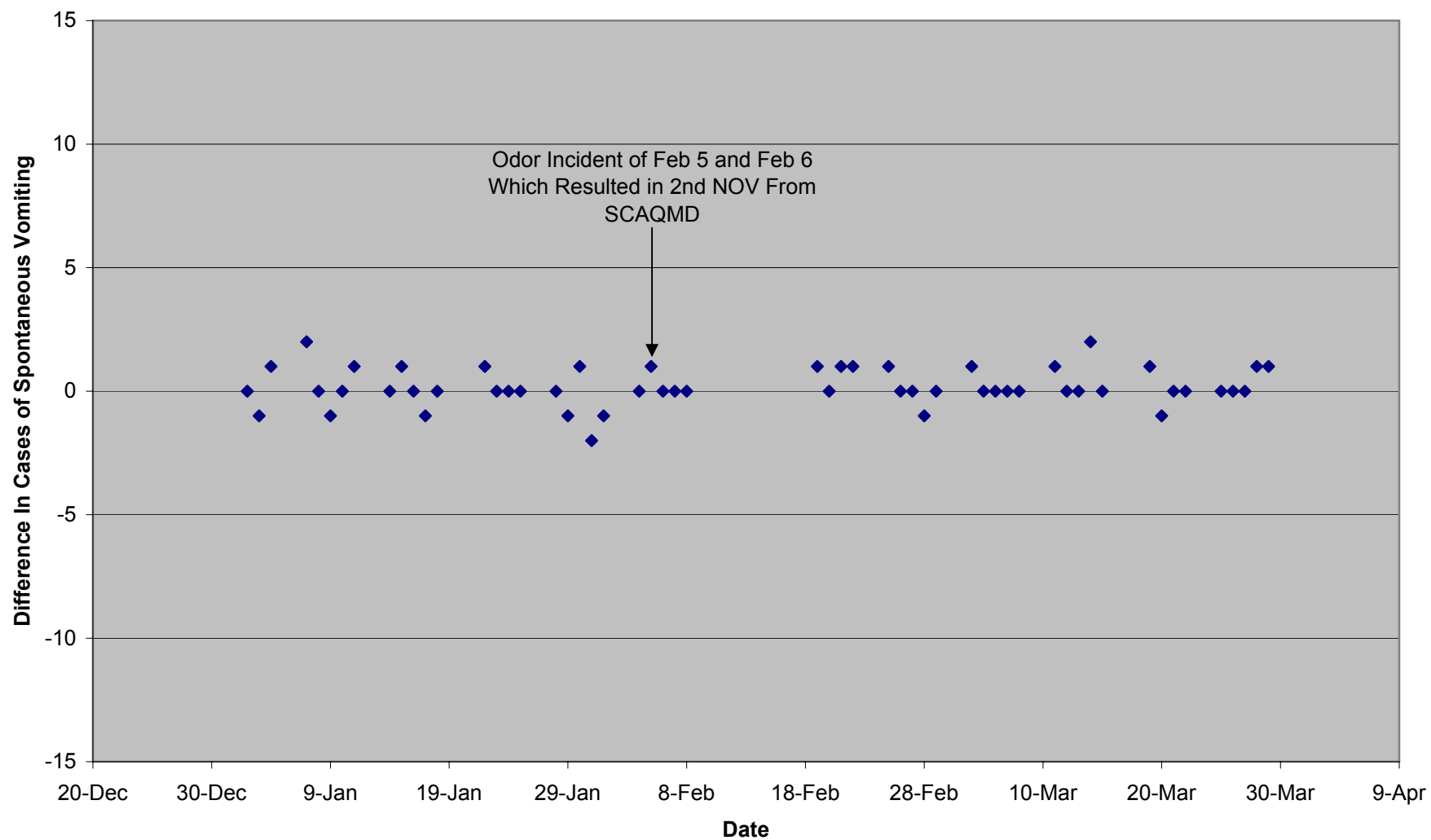


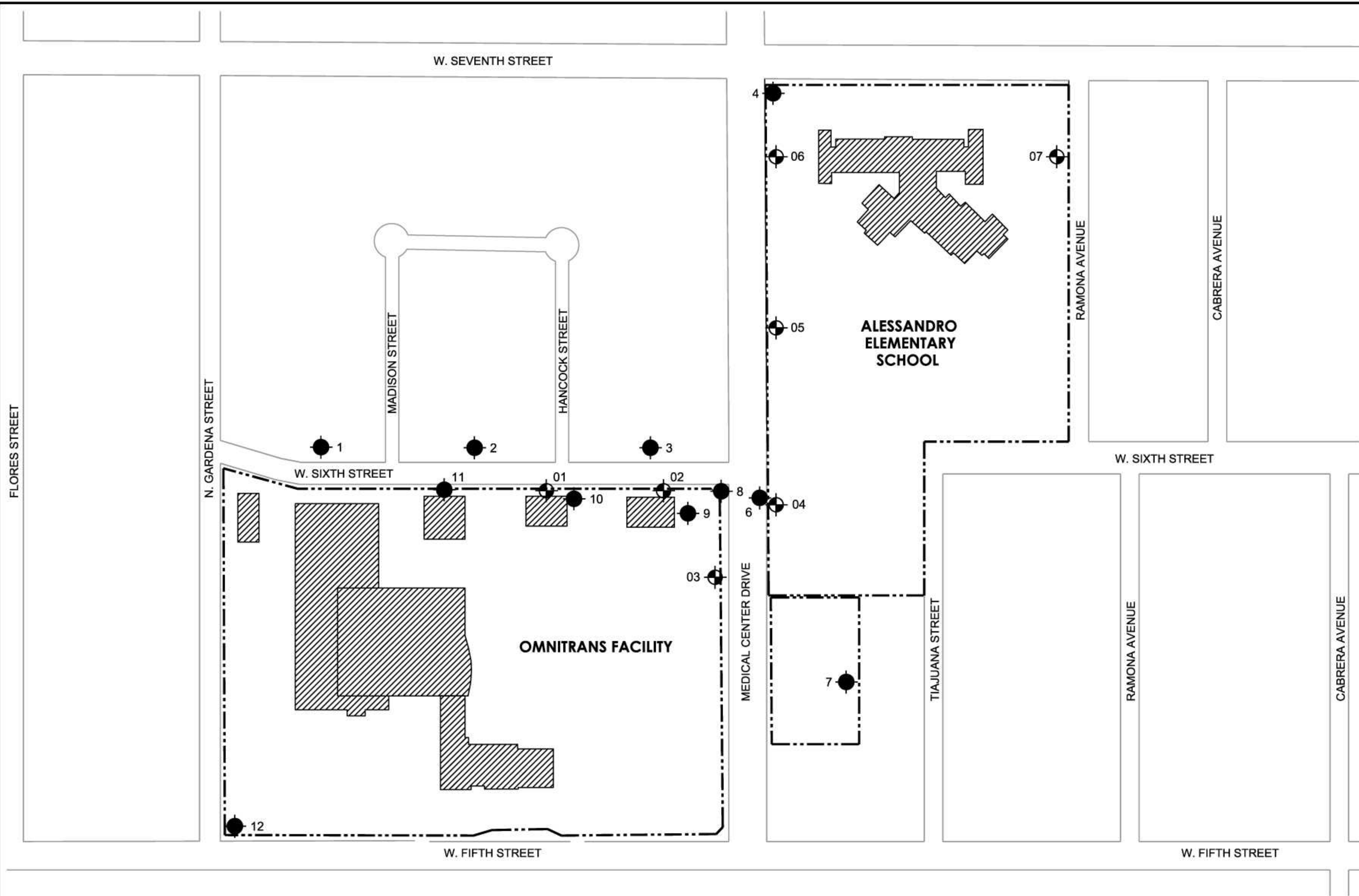
**Figure 6k: Scatter Plot Of Absolute Difference Between Reported Symptoms  
(Ramona Alessandro Symptoms minus Thompson Symptoms)**





**Figure 6I: Scatter Plot Of Absolute Difference Between Reported Symptoms  
(Ramona Alessandro Symptoms minus Thompson Symptoms)**





**LEGEND**

- PROPERTY LINE/SITE BOUNDARY
- 01 SAMPLE LOCATION - ENSAFE
- 1 SAMPLE LOCATION - EXECUTIVE ENVIRONMENTAL SERVICES CORPORATION

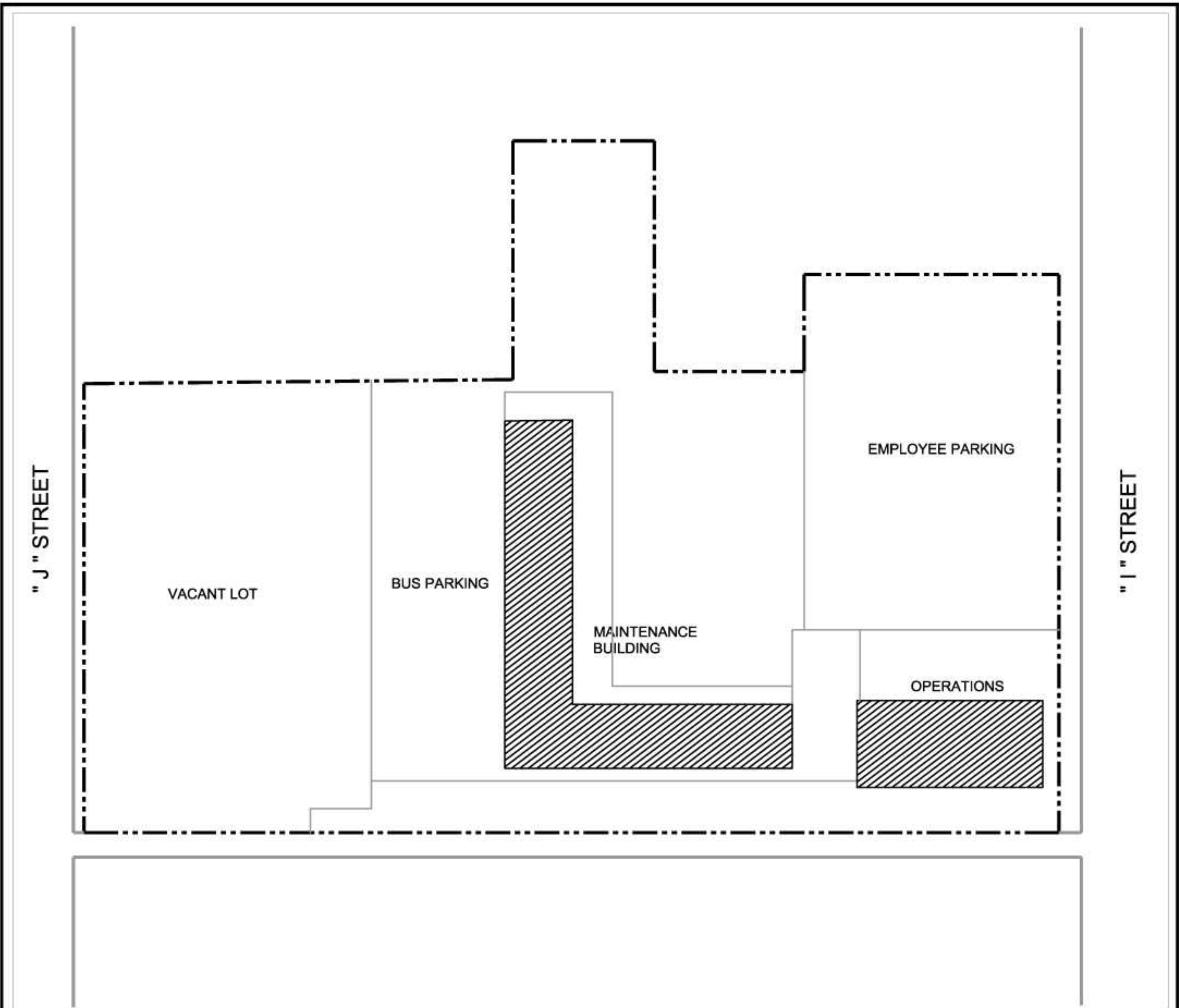
**NOTES**

- 1. All locations are approximate.
- 2. Basemap reference provided by Omnitrans, no reference information available.
- 2. Sample locations based on the following sources:  
Figure. Omnitrans, Bus Maintenance Facility, Executive Environmental Services Corporation - Sample Locations. Executive Environmental Services Corporation. No Date.  
Figure 1, Sample Locations. Ensafe. No Date.



|                                                                                                                    |                   |              |  |
|--------------------------------------------------------------------------------------------------------------------|-------------------|--------------|--|
| Title: Site Plan Showing Ambient Air Sampling Locations by Ensafe and Executive Environmental Services Corporation |                   |              |  |
| Date: 10/30/03                                                                                                     | Drafted By: RCH   | Figure No: 7 |  |
| Project No: 015                                                                                                    | Approved By: JJJC |              |  |





### LEGEND

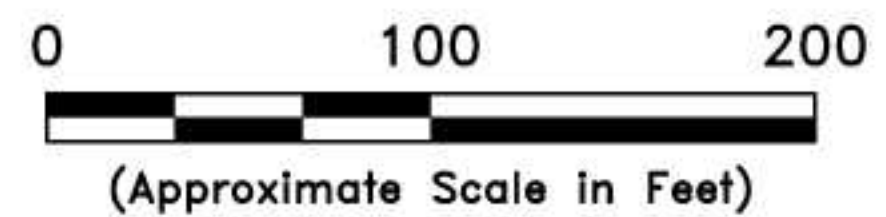
----- PROPERTY LINE/SITE BOUNDARY

### NOTES

1. All locations are approximate.
2. Basemap reference provided by Omnitrans, no reference info

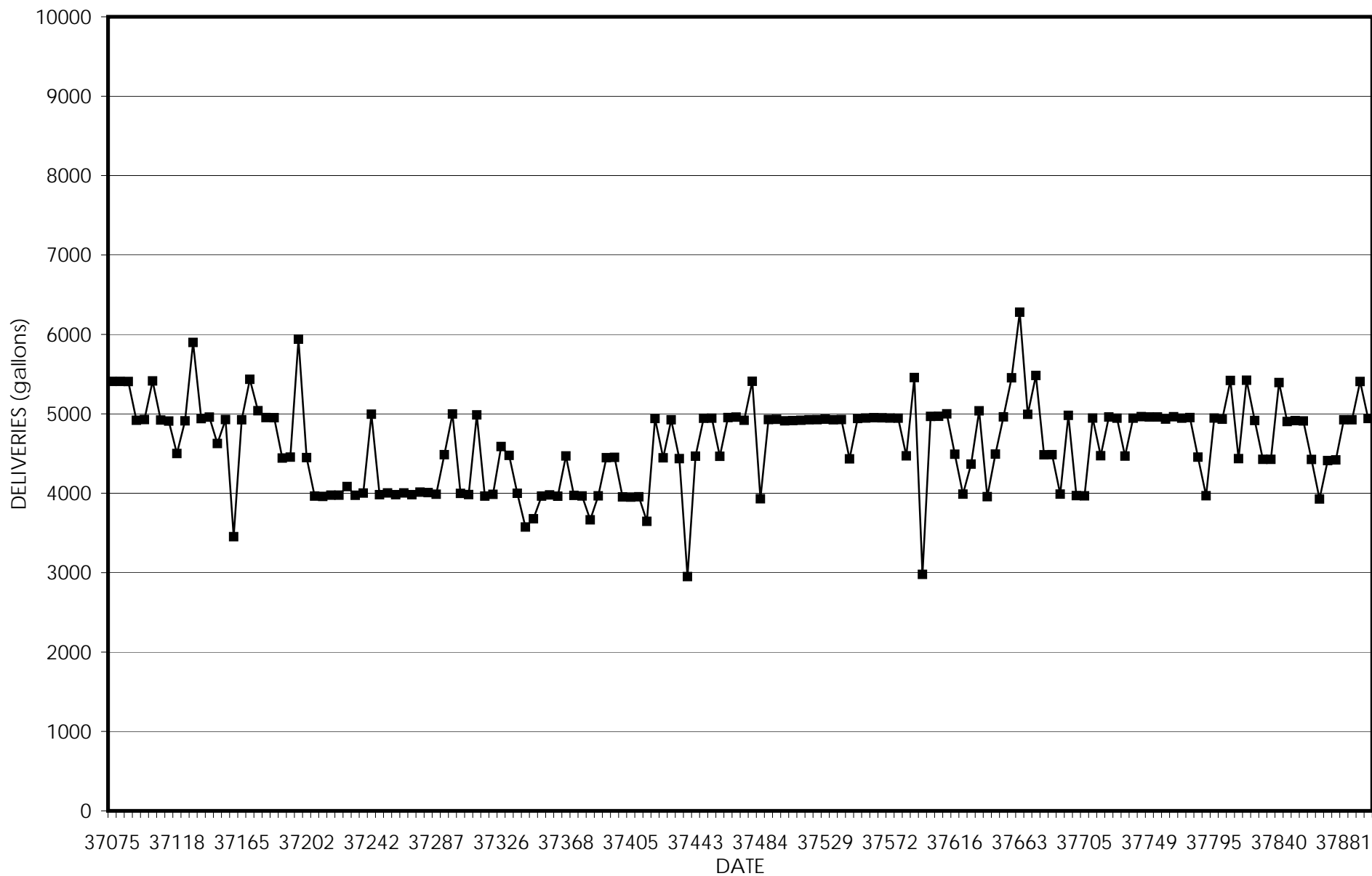


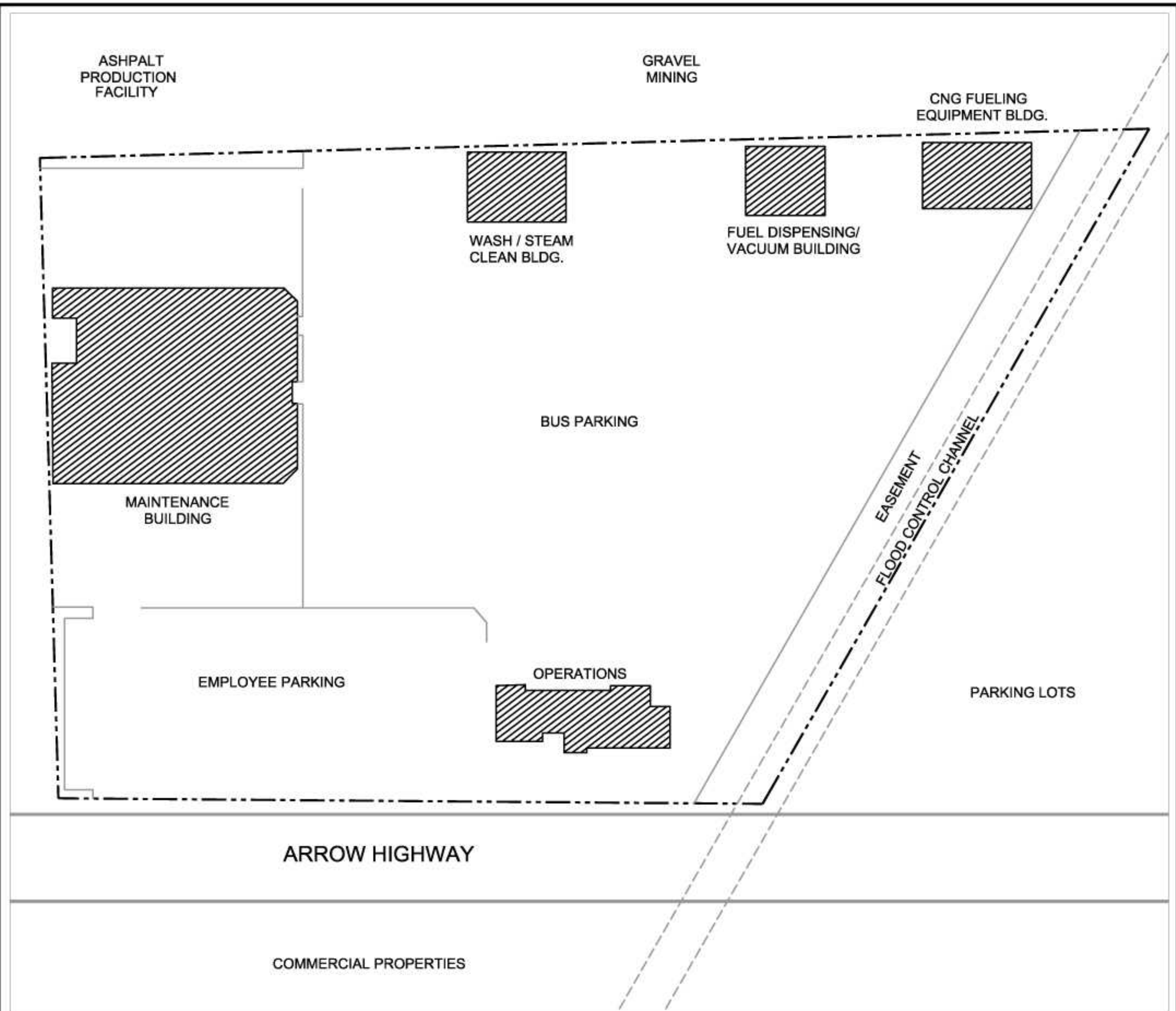
NORTH



|                                                                                                      |                   |              |
|------------------------------------------------------------------------------------------------------|-------------------|--------------|
| Title: Site Plan Showing Omnitrans Fueling Facility - 234 South "I" Street San Bernadino, California |                   |              |
| Date: 10/28/03                                                                                       | Drafted By: RCH   | Figure No: 8 |
| Project No: 015                                                                                      | Approved By: JJJC |              |

Figure 9: Gasoline Deliveries - Omnitrans I Street Fueling Facility, San Bernadino





### LEGEND

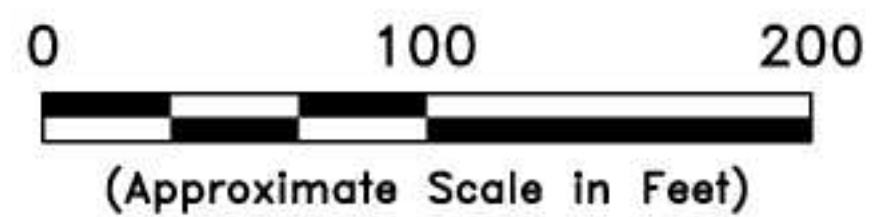
----- PROPERTY LINE/SITE BOUNDARY

### NOTES

1. All locations are approximate.
2. Basemap reference provided by Omnitrans, no reference information available.



NORTH



Title: Site Plan Showing Omnitrans  
Fueling Facility - 4748 Arrow Highway  
Montclair, California

Date: 10/28/03

Drafted By: RCH

Figure No:

Project No: 015

Approved By: JJJC

**10**



Figure 11: CARB Diesel Deliveries - Omnitrans Arrow Highway Fueling Facility, Montclair

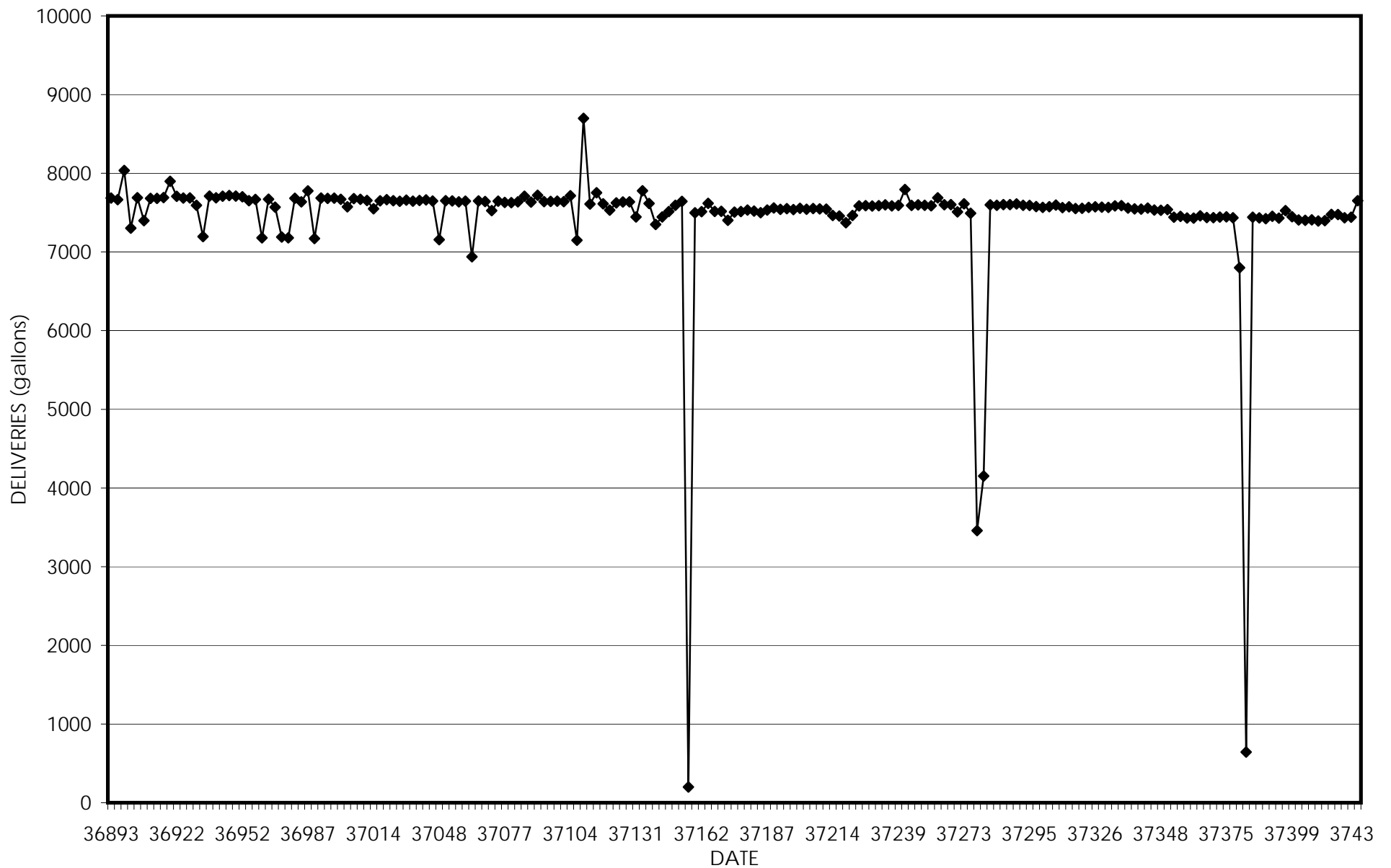


Figure 12: Gasoline Deliveries - Omnitrans Arrow Highway Fueling Facility, Montclair

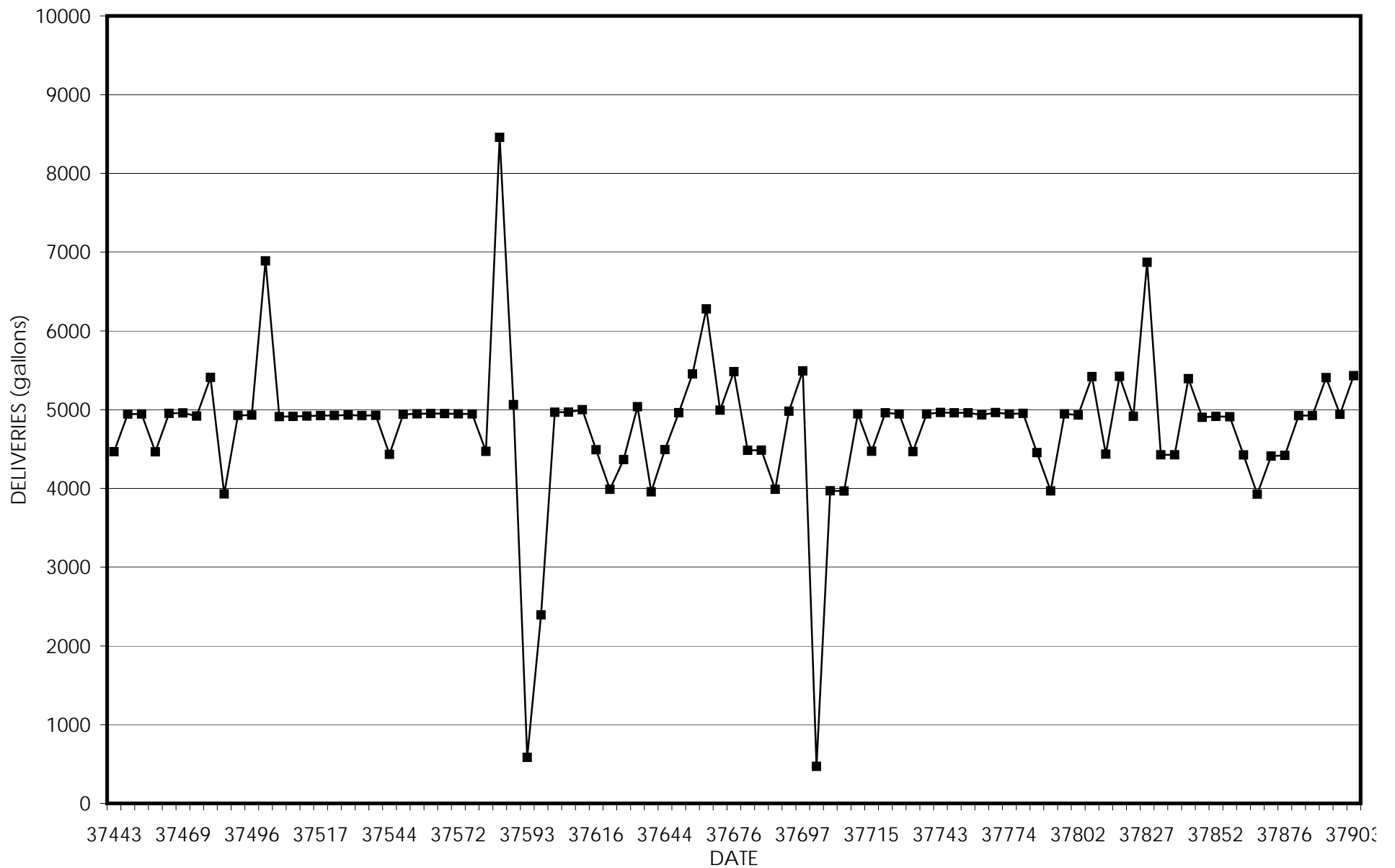


Figure 13: Ultra Low Diesel Deliveries - Omnitrans Arrow Highway Fueling Facility, Montclair

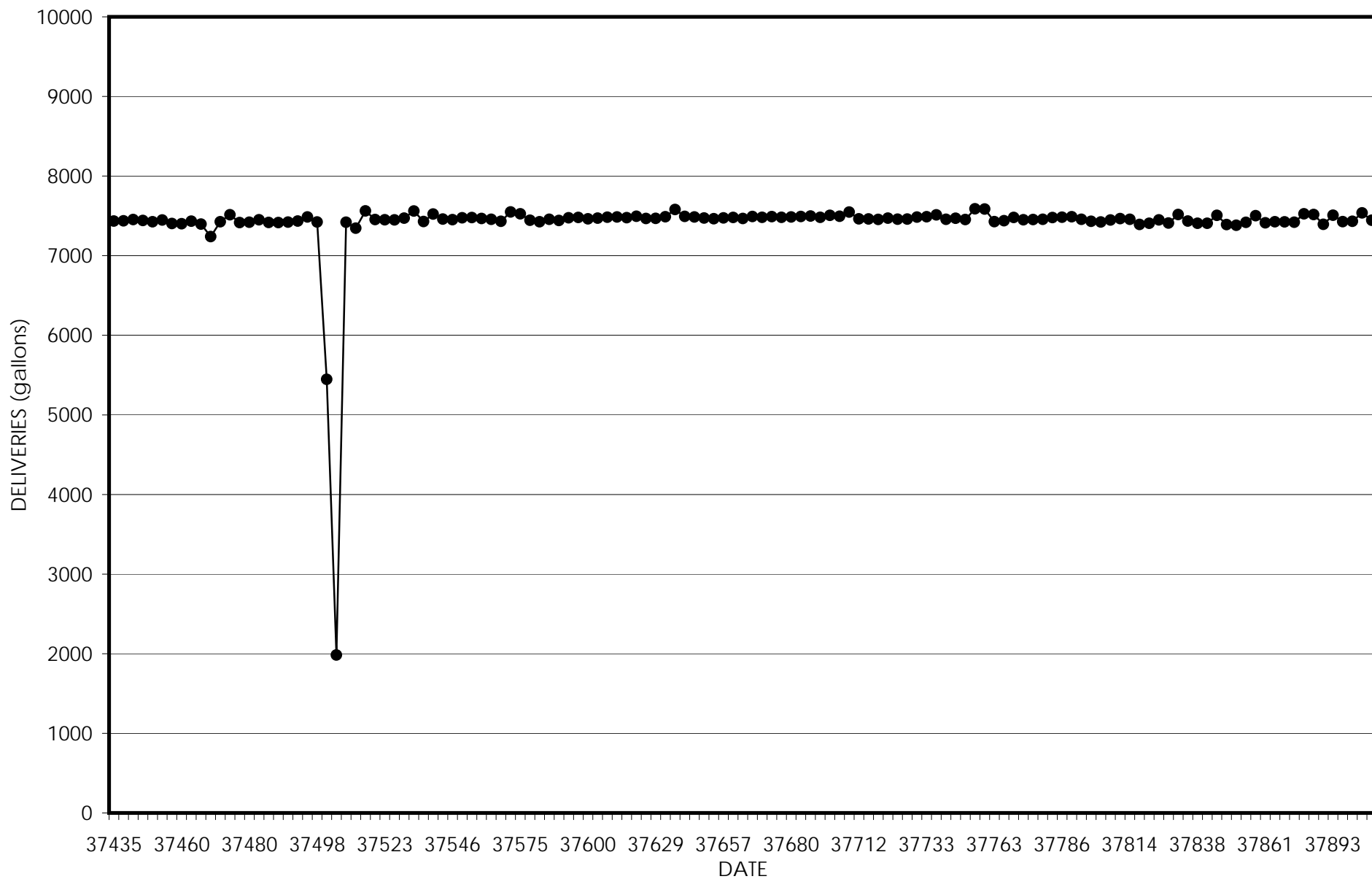
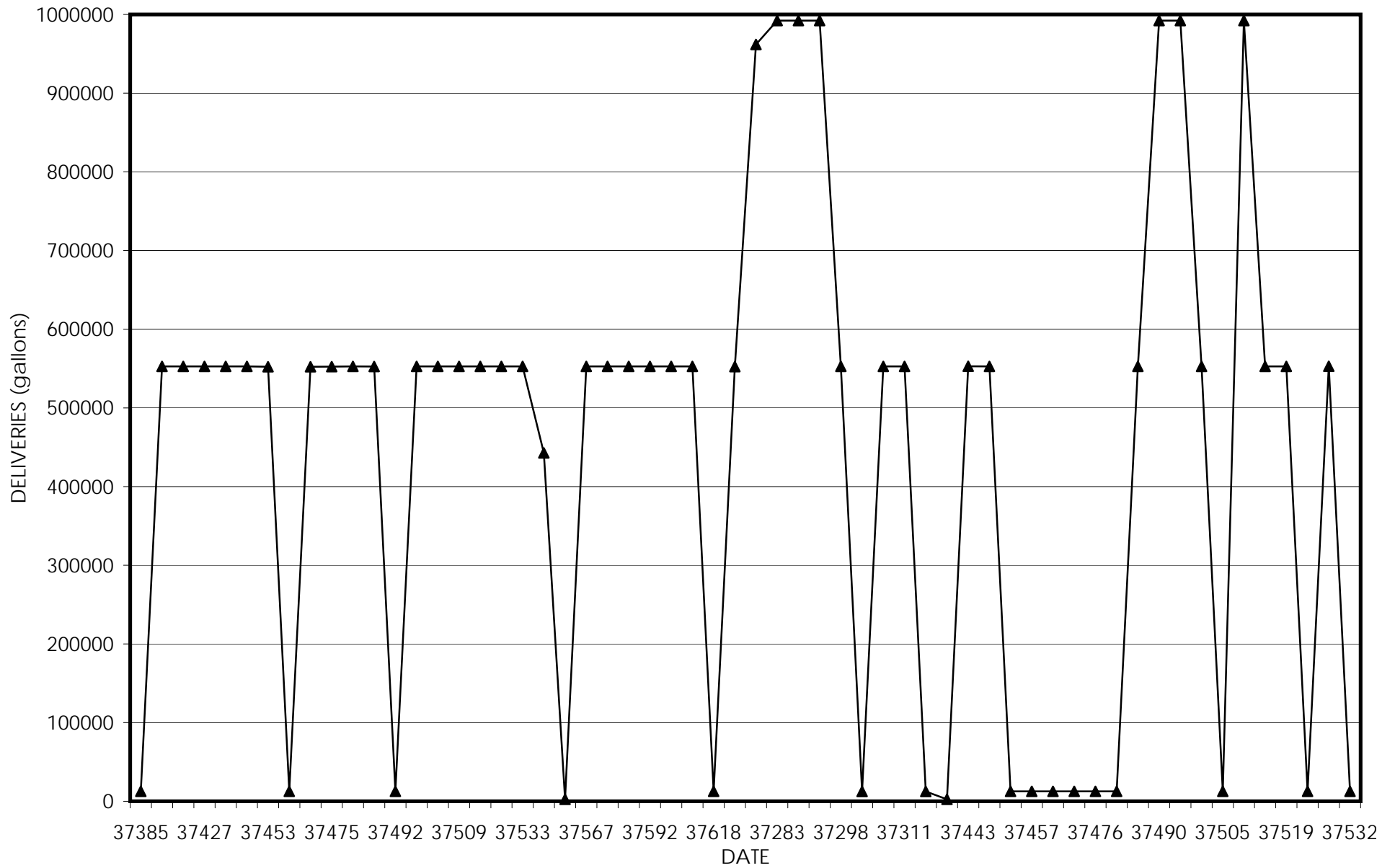
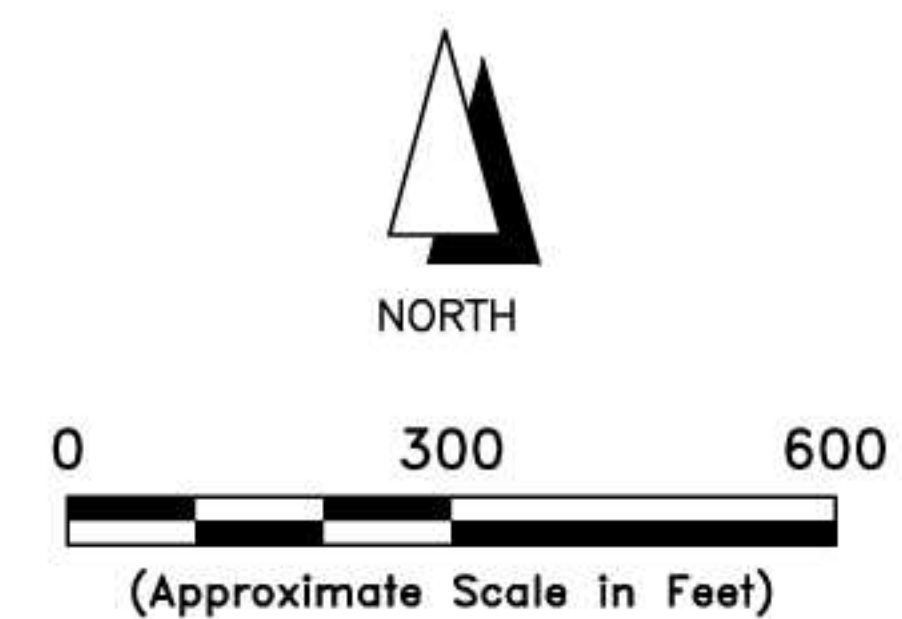






Figure 14: LCNG Deliveries - Omnitrans Arrow Highway Fueling Facility, Montclair







**LEGEND**

-  PROPERTY LINE/SITE BOUNDARY
-  RESIDENCES SURVEYED

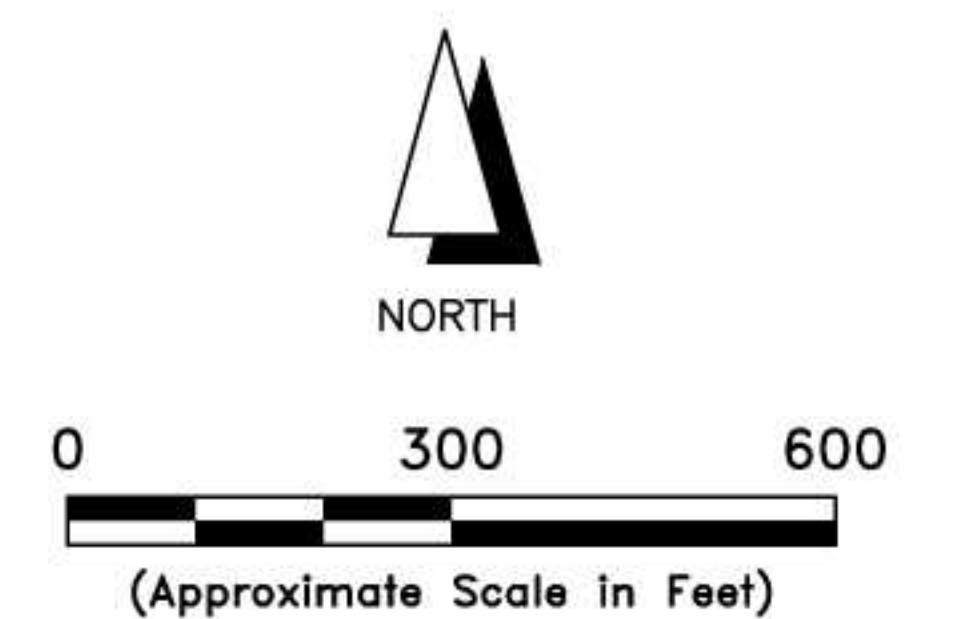
**NOTES**

1. All locations are approximate.



|                                                                                                                                    |                   |                         |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Title: Residences Surveyed in the Vicinity<br>of the Omnitrans Fueling Facility<br>1700 West 5th Street, San Bernadino, California |                   |                         |
| Date: 11/03/03                                                                                                                     | Drafted By: RCH   | Figure No:<br><b>15</b> |
| Project No: 015                                                                                                                    | Approved By: JJJC |                         |





**LEGEND**

- PROPERTY LINE/SITE BOUNDARY
- ▨ RESIDENCES SURVEYED

**NOTES**

1. All locations are approximate.



|                                                                                                                                  |                   |                         |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|
| Title: Residences Surveyed in the Vicinity<br>of the Omnitrans Fueling Facility<br>234 South I Street, San Bernadino, California |                   |                         |
| Date: 11/03/03                                                                                                                   | Drafted By: RCH   | Figure No:<br><b>16</b> |
| Project No: 015                                                                                                                  | Approved By: JJJC |                         |



**Table 1**  
**Correlations (5th Street Station)**  
**Marked correlations are significant at  $p < .05000$**   
**N=327 (Casewise deletion of missing data)**

|                         | Distance<br>From Site | Years Lived<br>In House | Smoker<br>In House | Health at<br>Year 5 | Health At<br>Year 3 | Health At<br>Year 1 |
|-------------------------|-----------------------|-------------------------|--------------------|---------------------|---------------------|---------------------|
| Distance<br>From Site   | 1                     | 0.08                    | -0.054             | <b>0.141</b>        | 0.04                | 0.034               |
|                         | p= ---                | p=.148                  | p=.328             | <b>p=.011</b>       | p=.476              | p=.541              |
| Years Lived<br>In House |                       | 1                       | <b>0.146</b>       | 0.037               | 0.071               | 0.07                |
|                         |                       | p= ---                  | <b>p=.008</b>      | p=.510              | p=.201              | p=.209              |
| Smoker In<br>House      |                       |                         | 1                  | -0.026              | -0.03               | -0.031              |
|                         |                       |                         | p= ---             | p=.644              | p=.594              | p=.583              |
| Health at<br>Year 5     |                       |                         |                    | 1                   | <b>0.785</b>        | <b>0.759</b>        |
|                         |                       |                         |                    | p= ---              | <b>p=0.00</b>       | <b>p=0.00</b>       |
| Health at<br>Year 3     |                       |                         |                    |                     | 1                   | <b>0.969</b>        |
|                         |                       |                         |                    |                     | p= ---              | <b>p=0.00</b>       |
| Health at<br>Year 1     |                       |                         |                    |                     |                     | 1                   |
|                         |                       |                         |                    |                     |                     | p= ---              |

**Bold values are statistically significant**

**Table 2**  
**Correlations (I Street Station)**  
**Marked correlations are significant at  $p < .05000$**   
**N=151 (Casewise deletion of missing data)**

|                      | Distance From Site | Years Lived In House | Smoker In House | Health at Year 5 | Health At Year 3 | Health At Year 1 |
|----------------------|--------------------|----------------------|-----------------|------------------|------------------|------------------|
| Distance From Site   | 1.000              | -0.132               | 0.018           | 0.030            | 0.030            | 0.015            |
|                      | p= ---             | p=.106               | p=.824          | p=.713           | p=.717           | p=.858           |
| Years Lived In House |                    | 1.000                | 0.154           | 0.120            | 0.044            | 0.124            |
|                      |                    | p= ---               | p=.059          | p=.143           | p=.594           | p=.130           |
| Smoker In House      |                    |                      | 1.00            | 0.08             | -0.11            | 0.09             |
|                      |                    |                      | p= ---          | p=.312           | p=.186           | p=.248           |
| Health at Year 5     |                    |                      |                 | 1.00             | <b>0.47</b>      | <b>1.00</b>      |
|                      |                    |                      |                 | p= ---           | <b>p=.000</b>    | <b>p=0.00</b>    |
| Health at Year 3     |                    |                      |                 |                  | 1                | <b>0.47</b>      |
|                      |                    |                      |                 |                  | p= ---           | <b>p=.000</b>    |
| Health at Year 1     |                    |                      |                 |                  |                  | 1                |
|                      |                    |                      |                 |                  |                  | p= ---           |

**Bold values are statistically significant**

**Table 3**  
**Correlations (Arrow Highway Station)**  
**Marked correlations are significant at  $p < .05000$**   
**N=65 (Casewise deletion of missing data)**

|                         | Distance<br>From Site | Years Lived<br>In House | Smoker<br>In House | Health at<br>Year 5 | Health At<br>Year 3 | Health At<br>Year 1 |
|-------------------------|-----------------------|-------------------------|--------------------|---------------------|---------------------|---------------------|
| Distance<br>From Site   | 1                     | 0.1087                  | 0.0843             | <b>-0.8362</b>      | <b>-0.8156</b>      | <b>-0.8362</b>      |
|                         | p= ---                | p=.389                  | p=.504             | <b>p=.000</b>       | <b>p=.000</b>       | <b>p=.000</b>       |
| Years Lived<br>In House |                       | 1                       | 0.00               | -0.20               | -0.17               | -0.20               |
|                         |                       | p= ---                  | p=.992             | p=.108              | p=.170              | p=.108              |
| Smoker In<br>House      |                       |                         | 1                  | 0                   | 0                   | 0                   |
|                         |                       |                         | p= ---             | p=1.00              | p=1.00              | p=1.00              |
| Health at<br>Year 5     |                       |                         |                    | 1                   | <b>0.95</b>         | 1                   |
|                         |                       |                         |                    | p= ---              | <b>p=0.00</b>       | p= ---              |
| Health at<br>Year 3     |                       |                         |                    |                     | 1                   | <b>0.95</b>         |
|                         |                       |                         |                    |                     | p= ---              | <b>p=0.00</b>       |
| Health at<br>Year 1     |                       |                         |                    |                     |                     | 1                   |
|                         |                       |                         |                    |                     |                     | p= ---              |

**Bold values are statistically significant**

Table 4  
Correlations (5th Street (modified to 1s 2s.sta)  
Marked correlations are significant at  $p < .05000$   
N=382 (Casewise deletion of missing data)

|                          | Distance to<br>OmniTrans | Age    | Sex    | Vision        | Hearing       | Arthritis     | Back          | Bone          | Other         | Heart         | Stroke        | Hypertension  | Diabetes      | Lung          | Cancer        | Weight        | Kidney        | Circulation   | Tumor         | Lupus         | Tendonitis    | Seizure       | Multiple<br>Sclerosis | Polio         | Parkinsons    | Carpal<br>Tunnel | Hernia        | Ulcer         | Graves<br>Disease | Migraine      |               |               |               |               |               |               |               |
|--------------------------|--------------------------|--------|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|---------------|---------------|------------------|---------------|---------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Distance to<br>OmniTrans | 1.00                     | -0.02  | -0.03  | 0.01          | 0.04          | 0.03          | -0.03         | 0.01          | -0.06         | -0.02         | -0.04         | -0.09         | <b>-0.13</b>  | 0.05          | -0.09         | 0.06          | -0.01         | -0.02         | -0.02         | 0.04          | 0.00          | -0.01         | --                    | 0.02          | -0.09         | 0.02             | -0.02         | -0.02         | <b>-0.11</b>      | 0.05          |               |               |               |               |               |               |               |
| Age                      | p=---                    | p=.687 | p=.627 | p=.818        | p=.445        | p=.624        | p=.571        | p=.816        | p=.227        | p=.746        | p=.398        | p=.075        | <b>p=.013</b> | p=.380        | p=.086        | p=.218        | p=.796        | p=.751        | p=.718        | p=.420        | p=.950        | p=.836        | p=---                 | p=.688        | p=.065        | p=.632           | p=.769        | p=.769        | <b>p=.030</b>     | p=.368        |               |               |               |               |               |               |               |
| Sex                      |                          | p=---  | 1.00   | <b>0.21</b>   | <b>0.24</b>   | <b>0.29</b>   | <b>0.20</b>   | <b>0.19</b>   | 0.10          | <b>0.17</b>   | 0.06          | <b>0.31</b>   | <b>0.29</b>   | 0.01          | <b>0.11</b>   | 0.08          | 0.04          | <b>0.19</b>   | 0.01          | 0.08          | 0.08          | -0.04         | p=---                 | -0.01         | <b>0.10</b>   | <b>0.13</b>      | <b>0.12</b>   | 0.03          | <b>0.15</b>       | 0.01          |               |               |               |               |               |               |               |
| Vision                   |                          |        | p=.250 | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | p=.055        | <b>p=.001</b> | p=.229        | <b>p=.000</b> | <b>p=.000</b> | p=.832        | <b>p=.037</b> | p=.139        | p=.426        | <b>p=.000</b> | p=.853        | p=.133        | p=.133        | p=.483        | p=---                 | p=.907        | <b>p=.044</b> | <b>p=.013</b>    | <b>p=.022</b> | p=.507        | <b>p=.004</b>     | p=.897        |               |               |               |               |               |               |               |
| Hearing                  |                          |        | p=---  | <b>p=.577</b> | p=.348        | p=.240        | p=.638        | p=.266        | p=.067        | p=.630        | p=.267        | p=.817        | p=.157        | p=.079        | p=.489        | p=.731        | p=.394        | p=.831        | p=.489        | p=.369        | p=.626        | p=.941        | p=---                 | p=.343        | p=.067        | p=.127           | p=.267        | p=.369        | p=.129            | p=.786        |               |               |               |               |               |               |               |
| Arthritis                |                          |        |        | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.015</b> | p=.487        | <b>p=.002</b> | p=.519        | <b>p=.000</b> | <b>p=.000</b> | <b>p=.006</b> | p=.165        | <b>p=.000</b> | p=.465        | <b>p=.005</b> | p=.165        | <b>p=.036</b> | <b>p=.008</b> | p=.139        | p=---                 | p=.689        | p=.329        | <b>p=.007</b>    | <b>p=.000</b> | <b>p=.036</b> | p=.323            | p=.071        |               |               |               |               |               |               |               |
| Back                     |                          |        |        |               | 1.00          | <b>0.33</b>   | <b>0.31</b>   | <b>0.19</b>   | <b>0.12</b>   | <b>0.18</b>   | 0.09          | <b>0.23</b>   | <b>0.19</b>   | <b>0.27</b>   | -0.03         | <b>0.34</b>   | -0.04         | <b>0.19</b>   | 0.07          | 0.09          | <b>0.25</b>   | -0.02         | p=---                 | <b>0.22</b>   | -0.02         | <b>0.20</b>      | <b>0.21</b>   | 0.09          | -0.03             | <b>0.11</b>   |               |               |               |               |               |               |               |
| Bone                     |                          |        |        |               | p=---         | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.023</b> | <b>p=.001</b> | p=.064        | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | p=.573        | <b>p=.000</b> | p=.489        | <b>p=.000</b> | p=.185        | p=.064        | <b>p=.000</b> | p=.746        | p=---                 | <b>p=.000</b> | p=.692        | <b>p=.000</b>    | <b>p=.000</b> | p=.064        | p=.573            | <b>p=.038</b> |               |               |               |               |               |               |               |
| Other                    |                          |        |        |               |               | 1.00          | <b>0.40</b>   | <b>0.29</b>   | <b>0.22</b>   | <b>0.21</b>   | 0.08          | <b>0.37</b>   | <b>0.30</b>   | <b>0.18</b>   | 0.05          | <b>0.29</b>   | 0.03          | <b>0.31</b>   | -0.03         | 0.08          | <b>0.22</b>   | -0.02         | p=---                 | -0.01         | -0.02         | <b>0.24</b>      | <b>0.28</b>   | <b>0.18</b>   | <b>0.22</b>       | 0.04          |               |               |               |               |               |               |               |
| Heart                    |                          |        |        |               |               |               | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | p=.134        | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | p=.314        | <b>p=.000</b> | p=.576        | <b>p=.000</b> | p=.515        | p=.134        | <b>p=.000</b> | p=.708        | p=---                 | p=.792        | p=.646        | <b>p=.000</b>    | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b>     | p=.469        |               |               |               |               |               |               |               |
| Stroke                   |                          |        |        |               |               |               | 1.00          | <b>0.25</b>   | <b>0.24</b>   | <b>0.23</b>   | 0.09          | <b>0.29</b>   | <b>0.34</b>   | <b>0.25</b>   | 0.06          | <b>0.26</b>   | <b>0.19</b>   | <b>0.24</b>   | 0.06          | 0.09          | <b>0.11</b>   | <b>0.14</b>   | p=---                 | -0.01         | -0.02         | <b>0.27</b>      | <b>0.31</b>   | 0.09          | 0.06              | <b>0.24</b>   |               |               |               |               |               |               |               |
| Hypertension             |                          |        |        |               |               |               |               | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | p=.086        | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | p=.227        | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | p=.227        | p=.086        | <b>p=.034</b> | <b>p=.006</b> | p=---                 | p=.810        | p=.676        | <b>p=.000</b>    | <b>p=.000</b> | p=.086        | p=.227            | <b>p=.000</b> |               |               |               |               |               |               |               |
| Diabetes                 |                          |        |        |               |               |               |               |               |               |               |               |               |               |               | 1.00          | <b>0.36</b>   | -0.03         | -0.02         | <b>0.24</b>   | 0.07          | <b>0.18</b>   | -0.02         | <b>0.14</b>           | -0.01         | -0.01         | <b>0.30</b>      | <b>0.31</b>   | <b>0.14</b>   | <b>0.11</b>       | 0.04          |               |               |               |               |               |               |               |
| Lung                     |                          |        |        |               |               |               |               |               |               |               |               |               |               |               | <b>p=.000</b> | p=.582        | p=.742        | <b>p=.000</b> | p=.180        | <b>p=.000</b> | p=.687        | <b>p=.000</b> | p=.620                | <b>p=.000</b> | p=.687        | <b>p=.001</b>    | p=.817        | p=---         | p=.870            | p=.776        | <b>p=.000</b> | <b>p=.000</b> | <b>p=.005</b> | <b>p=.030</b> | p=.396        |               |               |
| Cancer                   |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               | 1.00          | -0.02         | -0.01         | <b>0.18</b>   | 0.08          | 0.08          | -0.01         | -0.02                 | -0.01         | <b>0.13</b>   | -0.01            | -0.01         | -0.01         | -0.01             | 0.00          | -0.01         | -0.01         | <b>0.28</b>   | -0.01         | <b>0.23</b>   | <b>0.15</b>   |               |
| Weight                   |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | p=.765        | p=.858        | <b>p=.000</b> | p=.118        | p=.136        | p=.827        | p=.735                | p=.788        | <b>p=.011</b> | p=.827           | p=.858        | p=.877        | p=.900            | p=---         | p=.929        | p=.877        | p=.788        | <b>p=.000</b> | p=.858        | <b>p=.000</b> | <b>p=.003</b> |
| Kidney                   |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               | 1.00          | <b>0.29</b>   | <b>0.28</b>   | <b>0.29</b>   | <b>0.22</b>   | <b>0.23</b>   | <b>0.13</b>           | <b>0.18</b>   | <b>0.28</b>   | <b>0.10</b>      | -0.02         | <b>0.16</b>   | <b>0.20</b>       | p=---         | -0.01         | -0.02         | -0.03         | -0.02         | -0.02         | <b>0.10</b>   | <b>0.13</b>   |
| Circulation              |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.009</b> | <b>p=.000</b> | <b>p=.000</b>         | <b>p=.000</b> | <b>p=.000</b> | <b>p=.042</b>    | p=.730        | <b>p=.001</b> | <b>p=.000</b>     | p=---         | p=.864        | p=.765        | p=.602        | p=.730        | p=.730        | <b>p=.042</b> | <b>p=.009</b> |
| Tumor                    |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               | 1.00          | <b>0.24</b>   | <b>0.34</b>   | <b>0.24</b>   | -0.01         | <b>0.25</b>           | <b>0.15</b>   | <b>0.36</b>   | -0.01            | -0.01         | <b>0.28</b>   | -0.01             | p=---         | -0.01         | -0.01         | -0.02         | -0.01         | -0.01         | <b>0.19</b>   | <b>0.20</b>   |
| Lupus                    |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | <b>p=.000</b> | <b>p=.000</b> | <b>p=.000</b> | <b>p=.003</b> | <b>p=.000</b>         | <b>p=.000</b> | <b>p=.000</b> | <b>p=.837</b>    | <b>p=.000</b> | p=.884        | p=---             | p=.918        | p=.858        | p=.756        | p=.837        | p=.837        | <b>p=.000</b> | <b>p=.000</b> |               |
| Tendonitis               |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | 1.00          | <b>0.51</b>   | <b>0.20</b>   | <b>0.11</b>   | <b>0.24</b>           | <b>0.14</b>   | <b>0.49</b>   | <b>0.11</b>      | 0.06          | <b>0.29</b>   | <b>0.11</b>       | p=---         | -0.02         | -0.03         | <b>0.20</b>   | <b>0.24</b>   | <b>0.15</b>   | <b>0.41</b>   | 0.06          |
| Seizure                  |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | <b>p=.000</b> | <b>p=.000</b> | <b>p=.030</b> | <b>p=.000</b>         | <b>p=.008</b> | <b>p=.000</b> | <b>p=.130</b>    | <b>p=.000</b> | p=.457        | p=.544            | p=.118        | p=.669        | p=.118        | p=.765        | p=.229        | p=.544        | <b>p=.026</b> | p=.055        |
| Multiple<br>Sclerosis    |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.20</b>   | 0.04          | <b>0.19</b>           | 0.08          | <b>0.27</b>   | -0.04            | -0.03         | 0.08          | -0.02             | p=---         | -0.02         | 0.08          | 0.02          | 0.06          | -0.03         | <b>0.11</b>   | 0.10          |
| Polio                    |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.03</b>   | <b>0.33</b>   | 0.07                  | <b>0.16</b>   | <b>0.18</b>   | -0.03            | <b>0.18</b>   | <b>0.10</b>   | p=---             | -0.02         | -0.03         | 0.07          | <b>0.15</b>   | <b>0.15</b>   | 0.03          | <b>0.18</b>   |               |
| Parkinsons               |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | <b>p=.502</b> | <b>p=.000</b> | p=.156        | <b>p=.001</b>         | <b>p=.000</b> | p=.531        | <b>p=.000</b>    | <b>p=.041</b> | p=---         | p=.755            | p=.588        | p=.156        | <b>p=.004</b> | <b>p=.004</b> | p=.502        | <b>p=.001</b> |               |               |
| Carpal Tunnel            |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | 0.09          | <b>0.12</b>   | 0.08                  | <b>0.15</b>   | -0.01         | -0.01            | <b>0.28</b>   | p=---         | -0.01             | <b>0.23</b>   | -0.02         | -0.01         | <b>0.19</b>   | -0.02         | 0.09          |               |               |
| Hernia                   |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | 0.06          | <b>0.24</b>   | 0.09                  | -0.02         | <b>0.30</b>   | <b>0.18</b>      | p=---         | -0.01         | -0.02             | <b>0.15</b>   | <b>0.12</b>   | <b>0.12</b>   | -0.02         | <b>0.15</b>   |               |               |               |
| Ulcer                    |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.23</b>   | <b>0.12</b>   | <b>0.15</b>           | -0.01         | <b>0.23</b>   | p=---            | -0.01         | <b>0.18</b>   | 0.09              | -0.02         | -0.02         | <b>0.26</b>   | <b>0.21</b>   |               |               |               |               |
| Graves<br>Disease        |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | 0.08          | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
| Migraine                 |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       | -0.02         | <b>0.18</b>   | 0.09          |               |               |               |               |               |
|                          |                          |        |        |               |               |               |               |               |               |               |               |               |               |               |               |               |               |               | p=---         | 1.00          | <b>0.08</b>   | <b>0.11</b>   | <b>0.13</b>           | <b>0.17</b>   | p=---         | -0.01            | -0.02         | <b>0.23</b>   | <b>0.24</b>       |               |               |               |               |               |               |               |               |

Table 5  
Correlations (I Street 1.2.sta)  
Marked correlations are significant at  $p < .05000$   
N=154 (Casewise deletion of missing data)

|                          | Distance to<br>OmniTrans | Age     | Sex     | Vision  | Hearing | Arthritis | Back    | Bone    | Other   | Heart | Stroke | Hypertension | Diabetes | Lung    | Cancer  | Weight  | Kidney  | Circulation | Tumor   | Lupus  | Tendonitis | Seizure | Multiple<br>Sclerosis | Polio | Parkinsons | Carpal<br>Tunnel | Hernia  | Ulcer   | Graves<br>Disease | Migraine |
|--------------------------|--------------------------|---------|---------|---------|---------|-----------|---------|---------|---------|-------|--------|--------------|----------|---------|---------|---------|---------|-------------|---------|--------|------------|---------|-----------------------|-------|------------|------------------|---------|---------|-------------------|----------|
| Distance to<br>OmniTrans | 1                        | -0.1036 | 0.1075  | -0.0794 | -0.2073 | 0.0556    | 0.0932  | -0.1212 | 0.1019  | --    | --     | -0.2012      | -0.0195  | -0.0385 | -0.1212 | -0.1193 | -0.0469 | 0.0275      | -0.1212 | --     | -0.1212    | 0.0391  | --                    | --    | --         | -0.1212          | -0.1322 | 0.0686  | -0.1212           | 0.0594   |
| Age                      | p=---                    | p=201   | p=185   | p=328   | p=010   | p=493     | p=250   | p=134   | p=208   | p=--- | p=---  | p=012        | p=810    | p=636   | p=134   | p=141   | p=564   | p=735       | p=134   | p=---  | p=134      | p=631   | p=---                 | p=--- | p=---      | p=134            | p=102   | p=398   | p=134             | p=464    |
| Sex                      |                          | 1       | -0.0133 | 0.3351  | 0.3542  | 0.2399    | 0.1588  | 0.2309  | -0.0078 | --    | --     | 0.4549       | 0.3293   | 0.1443  | 0.2268  | 0.2284  | 0.0992  | 0.0663      | 0.1939  | --     | 0.1939     | 0.1145  | p=---                 | p=--- | p=---      | 0.2268           | 0.1713  | 0.2232  | 0.2268            | 0.1704   |
| Vision                   |                          | p=---   | p=870   | p=000   | p=000   | p=003     | p=049   | p=004   | p=923   | p=--- | p=---  | p=000        | p=000    | p=074   | p=005   | p=004   | p=221   | p=414       | p=016   | p=---  | p=016      | p=157   | p=---                 | p=--- | p=---      | p=005            | p=034   | p=005   | p=005             | p=035    |
| Hearing                  |                          |         | 1       | -0.0164 | -0.0903 | -0.0085   | -0.0903 | -0.0852 | -0.0852 | --    | --     | -0.1193      | 0.0733   | -0.0544 | -0.0852 | -0.1208 | -0.0852 | 0.0767      | --      | 0.0767 | -0.1208    | --      | --                    | --    | --         | -0.0852          | -0.0085 | -0.0105 | -0.0852           | 0.0702   |
| Arthritis                |                          |         | p=---   | p=840   | p=266   | p=917     | p=266   | p=294   | p=294   | p=--- | p=---  | p=141        | p=367    | p=503   | p=294   | p=136   | p=294   | p=294       | p=344   | p=---  | p=344      | p=136   | p=---                 | p=--- | p=---      | p=294            | p=917   | p=897   | p=294             | p=387    |
| Back                     |                          |         |         | 1       | 0.3744  | 0.0904    | 0.2324  | 0.2557  | -0.0256 | --    | --     | 0.2833       | 0.2324   | 0.1189  | 0.2557  | 0.1632  | -0.0256 | 0.2557      | 0.2557  | p=---  | 0.2557     | -0.0363 | --                    | --    | --         | 0.2557           | 0.0904  | 0.0531  | 0.2557            | 0.1138   |
| Bone                     |                          |         |         | p=---   | p=000   | p=265     | p=004   | p=001   | p=753   | p=--- | p=---  | p=000        | p=004    | p=142   | p=001   | p=043   | p=753   | p=001       | p=001   | p=---  | p=001      | p=655   | p=---                 | p=--- | p=---      | p=001            | p=265   | p=513   | p=001             | p=160    |
| Other                    |                          |         |         |         | 1       | 0.23      | 0.23    | 0.4951  | -0.0132 | --    | --     | 0.454        | 0.4867   | 0.2724  | 0.4951  | 0.3419  | -0.0132 | -0.0132     | -0.0132 | p=---  | -0.0132    | -0.0187 | --                    | --    | --         | 0.4951           | 0.23    | 0.1781  | 0.4951            | 0.1334   |
| Heart                    |                          |         |         |         | p=---   | p=004     | p=004   | p=000   | p=871   | p=--- | p=---  | p=000        | p=000    | p=001   | p=000   | p=000   | p=871   | p=871       | p=871   | p=---  | p=871      | p=818   | p=---                 | p=--- | p=---      | p=000            | p=004   | p=027   | p=000             | p=099    |
| Stroke                   |                          |         |         |         |         | 1         | 0.4867  | 0.4951  | -0.0132 | --    | --     | 0.1226       | 0.23     | -0.023  | -0.0132 | 0.3419  | -0.0132 | -0.0132     | -0.0132 | p=---  | -0.0132    | -0.0187 | --                    | --    | --         | -0.0132          | -0.0267 | 0.1781  | -0.0132           | 0.3074   |
| Hypertension             |                          |         |         |         |         | p=---     | p=000   | p=000   | p=871   | p=--- | p=---  | p=130        | p=004    | p=777   | p=871   | p=000   | p=871   | p=871       | p=871   | p=---  | p=871      | p=818   | p=---                 | p=--- | p=---      | p=871            | p=743   | p=027   | p=871             | p=000    |
| Diabetes                 |                          |         |         |         |         |           | 1       | 0.4951  | 0.4951  | --    | --     | 0.1226       | 0.23     | -0.023  | -0.0132 | 0.3419  | -0.0132 | -0.0132     | -0.0132 | p=---  | -0.0132    | -0.0187 | --                    | --    | --         | -0.0132          | -0.0267 | 0.1781  | -0.0132           | 0.3074   |
| Lung                     |                          |         |         |         |         |           |         | p=---   | p=000   | p=000 | p=---  | p=130        | p=004    | p=777   | p=871   | p=000   | p=871   | p=871       | p=871   | p=---  | p=871      | p=818   | p=---                 | p=--- | p=---      | p=871            | p=743   | p=027   | p=871             | p=000    |
| Cancer                   |                          |         |         |         |         |           |         | 1       | -0.0065 | --    | --     | 0.3068       | 0.4951   | -0.0114 | -0.0065 | 0.7048  | -0.0065 | -0.0065     | -0.0065 | p=---  | -0.0065    | -0.0093 | --                    | --    | --         | -0.0065          | -0.0132 | -0.0163 | -0.0065           | -0.0201  |
| Weight                   |                          |         |         |         |         |           |         |         | p=---   | p=936 | p=---  | p=000        | p=000    | p=888   | p=888   | p=888   | p=888   | p=888       | p=888   | p=---  | p=888      | p=842   | p=---                 | p=--- | p=---      | p=936            | p=743   | p=841   | p=936             | p=804    |
| Kidney                   |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Circulation              |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Tumor                    |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Lupus                    |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Tendonitis               |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Seizure                  |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Multiple<br>Sclerosis    |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Polio                    |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Parkinsons               |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Carpal Tunnel            |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Hernia                   |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Ulcer                    |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Graves<br>Disease        |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |
| Migraine                 |                          |         |         |         |         |           |         |         | p=---   | p=909 | p=---  | p=---        | p=---    | p=---   | p=---   | p=---   | p=---   | p=---       | p=---   | p=---  | p=---      | p=---   | p=---                 | p=--- | p=---      | p=909            | p=841   | p=936   | p=804             | p=804    |

Bold values are statistically significant



Table 6  
Correlations (Arrow Highway 1 2.sta)  
Marked correlations are significant at  $p < .05000$   
N=64 (Casewise deletion of missing data)

|                       | Distance to Omnitrans | Age    | Sex     | Vision | Hearing | Arthritis | Back  | Bone  | Other | Heart  | Stroke | Hypertension | Diabetes | Lung  | Cancer  | Weight  | Kidney  | Circulation | Tumor | Lupus | Tendonitis | Seizure | Multiple Sclerosis | Polio | Parkinsons | Carpal Tunnel | Hernia | Ulcer   | Graves Disease | Migraine |
|-----------------------|-----------------------|--------|---------|--------|---------|-----------|-------|-------|-------|--------|--------|--------------|----------|-------|---------|---------|---------|-------------|-------|-------|------------|---------|--------------------|-------|------------|---------------|--------|---------|----------------|----------|
| Distance to Omnitrans |                       | 0.2035 | -0.193  | -0.04  | --      | --        | --    | --    | --    | 0.1256 | --     | -0.0409      | -0.1086  | --    | 0.1256  | -0.053  | -0.053  | --          | --    | --    | --         | --      | 1                  | --    | --         | -0.053        | --     | --      | -0.053         | -0.053   |
|                       | p=---                 | p=.107 | p=.126  | p=.754 | p=---   | p=---     | p=--- | p=--- | p=--- | p=.323 | p=---  | p=.748       | p=.393   | p=--- | p=.323  | p=.677  | p=.677  | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=.677     | p=---         | p=---  | p=.677  | p=.677         |          |
| Age                   |                       | 1      | -0.2583 | 0.0316 | --      | --        | --    | --    | --    | 0.1767 | --     | 0.2275       | 0.1467   | --    | 0.2479  | -0.1144 | 0.1314  | --          | --    | --    | --         | --      | --                 | --    | --         | p=.677        | --     | --      | p=.677         | p=.677   |
|                       |                       | p=---  | p=.039  | p=.804 | p=---   | p=---     | p=--- | p=--- | p=--- | p=.162 | p=---  | p=.071       | p=.247   | p=--- | p=.048  | p=.368  | p=.301  | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=.531     | p=---         | p=---  | p=.531  | p=.531         |          |
| Sex                   |                       |        | 1       | 0.0037 | --      | --        | --    | --    | --    | 0.1042 | --     | -0.1176      | -0.0493  | --    | -0.1523 | 0.1042  | 0.1042  | --          | --    | --    | --         | --      | --                 | --    | --         | -0.1523       | --     | -0.1523 | -0.1523        |          |
|                       |                       |        | p=---   | p=.977 | p=---   | p=---     | p=--- | p=--- | p=--- | p=.412 | p=---  | p=.355       | p=.699   | p=--- | p=.230  | p=.412  | p=.412  | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=.230     | p=---         | p=---  | p=.230  | p=.230         |          |
| Vision                |                       |        |         | 1      | --      | --        | --    | --    | --    | 0.4328 | --     | -0.0646      | 0.1654   | --    | -0.0367 | 0.4328  | -0.0367 | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=.230     | p=---         | p=---  | -0.0367 | -0.0367        |          |
| Hearing               |                       |        |         |        | 1       | --        | --    | --    | --    | p=.000 | p=---  | p=.612       | p=.192   | p=--- | p=.774  | p=.000  | p=.774  | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=.774     | p=---         | p=---  | p=.774  | p=.774         |          |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Arthritis             |                       |        |         |        |         | 1         | --    | --    | --    | p=---  | p=---  | p=---        | p=---    | p=--- | p=---   | p=---   | p=---   | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=---      | p=---         | p=---  | p=---   | p=---          | p=---    |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Back                  |                       |        |         |        |         |           | 1     | --    | --    | p=---  | p=---  | p=---        | p=---    | p=--- | p=---   | p=---   | p=---   | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=---      | p=---         | p=---  | p=---   | p=---          | p=---    |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Bone                  |                       |        |         |        |         |           |       | 1     | --    | p=---  | p=---  | p=---        | p=---    | p=--- | p=---   | p=---   | p=---   | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=---      | p=---         | p=---  | p=---   | p=---          | p=---    |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Other                 |                       |        |         |        |         |           |       |       | 1     | p=---  | p=---  | p=---        | p=---    | p=--- | p=---   | p=---   | p=---   | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | p=---      | p=---         | p=---  | p=---   | p=---          | p=---    |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Heart                 |                       |        |         |        |         |           |       |       |       | 1      | --     | -0.0279      | -0.0325  | --    | -0.0159 | -0.0159 | -0.0159 | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | -0.0159    | --            | --     | -0.0159 | -0.0159        |          |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Stroke                |                       |        |         |        |         |           |       |       |       |        | 1      | --           | --       | --    | --      | --      | --      | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Hypertension          |                       |        |         |        |         |           |       |       |       |        |        | 1            | 0.2481   | --    | -0.0279 | -0.0279 | 0.5681  | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | 0.5681     | --            | --     | 0.5681  | 0.5681         |          |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Diabetes              |                       |        |         |        |         |           |       |       |       |        |        |              | 1        | --    | -0.0325 | -0.0325 | 0.488   | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | -0.0325    | --            | --     | -0.0325 | -0.0325        |          |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Lung                  |                       |        |         |        |         |           |       |       |       |        |        |              |          | 1     | --      | --      | --      | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Cancer                |                       |        |         |        |         |           |       |       |       |        |        |              |          |       | 1       | -0.0159 | -0.0159 | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | -0.0159    | --            | --     | -0.0159 | -0.0159        |          |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Weight                |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         | 1       | -0.0159 | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | -0.0159    | --            | --     | -0.0159 | -0.0159        |          |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Kidney                |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         | 1       | p=---       | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | -0.0159    | --            | --     | -0.0159 | -0.0159        |          |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Circulation           |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         | 1           | p=--- | p=--- | p=---      | p=---   | p=---              | p=--- | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Tumor                 |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             | 1     | p=--- | p=---      | p=---   | p=---              | p=--- | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Lupus                 |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       | 1     | p=---      | p=---   | p=---              | p=--- | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Tendonitis            |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       | 1          | p=---   | p=---              | p=--- | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Seizure               |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            | 1       | p=---              | p=--- | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Multiple Sclerosis    |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         | 1                  | --    | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Polio                 |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    | 1     | --         | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Parkinson             |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       | 1          | --            | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Carpal Tunnel         |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            | 1             | --     | --      | 1              | 1        |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Hernia                |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            | 1             | --     | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Ulcer                 |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               | 1      | --      | --             | --       |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Graves Disease        |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         | 1              | 1        |
|                       |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                |          |
| Migraine              |                       |        |         |        |         |           |       |       |       |        |        |              |          |       |         |         |         |             |       |       |            |         |                    |       |            |               |        |         |                | p=---    |

Bold values are statistically significant

Table 7:

## Chemical Compounds Emitted From Each Facility

| Site ID<br>Number | Source                             | Contaminant                                                                                                                                                                                      |
|-------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                 | Metro Station                      | LCNG, Unleaded Gasoline, R-134a refrigerant, Methyl Ethyl Ketone, Toluene, Acetone, Butyl Benzly Phthalate, Isopropanol, VM&P Naphtha, Toluene, Ethyl Benzene, Xylene, Isobutyl Alcohol, Acetone |
| 2                 | The Taco Kid Restaurant            | Acetaldehyde                                                                                                                                                                                     |
| 3                 | Prieto Auto Body Shop              | Methyl Ethyl Ketone, Toluene, Acetone, Butyl Benzly Phthalate, Isopropanol, VM&P Naphtha, Toluene, Ethyl Benzene, Xylene, Isobutyl Alcohol, Acetone                                              |
| 4                 | San Bernardino Intermodal Facility | Diesel Particulates                                                                                                                                                                              |
| 5                 | Yellow Cab Bell Cabstop            | Toluene, Xylene, Acetone, Methyl Alcohol, 2-Butoxyethanol, Methylene Chloride, Ethyl Benzene, 2-Propanone, Carbon Dioxide                                                                        |
| 6                 | 4 <sup>th</sup> Street Rock        | PM10, Diesel particulates                                                                                                                                                                        |

Table 8:

## Chemical Compounds Emitted From Each Facility

| Site ID<br>Number | Source                                                    | Contaminant                                                                                                                                                                         |
|-------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                 | I Street Station                                          | Unleaded Gasoline, Diesel Fuel, Methyl Ethyl Ketone, Toluene, Acetone, Butyl Benzyl Phthalate, Isopropanol, VM&P Naphtha, Toluene, Ethyl Benzene, Xylene, Isobutyl Alcohol, Acetone |
| 2                 | Royal Coach Auto Body                                     | Methyl Ethyl Ketone, Toluene, Acetone, Butyl Benzyl Phthalate, Isopropanol, VM&P Naphtha, Toluene, Ethyl Benzene, Xylene, Isobutyl Alcohol, Acetone                                 |
| 3                 | G & M Oil #67 Chevron Service Station (Upwind of station) | Gasoline vapor                                                                                                                                                                      |
| 4                 | Family Cleaners                                           | Perchloroethylene                                                                                                                                                                   |
| 5                 | Shell Service Station                                     | Gasoline vapor                                                                                                                                                                      |
| 6                 | Arco Smog and Gas Station (Downwind of station)           | Gasoline vapors                                                                                                                                                                     |
| 7                 | Fairview Ford                                             | Methyl Ethyl Ketone, Toluene, Acetone, Butyl Benzyl Phthalate, Isopropanol, VM&P Naphtha, Toluene, Ethyl Benzene, Xylene, Isobutyl Alcohol, Acetone                                 |

Table 9:

## Chemical Compounds Emitted From Each Facility

| Site ID<br>Number | Source                 | Contaminant                                                                                                                                                                                                              |
|-------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                 | West Valley Station    | LCNG, Unleaded Gasoline, R-134a refrigerant, Methyl Ethyl Ketone, Toluene, Acetone, Butyl Benzly Phthalate, Isopropanol, VM&P Naphtha, Toluene, Ethyl Benzene, Xylene, Isobutyl Alcohol, Acetone                         |
| 2                 | Pep Boys               | Toluene, Xylene, Acetone, Methyl Alcohol, 2-Butoxyethanol, Others, , Methylene Chloride, Ethyl Benzene, 2-Propanone, Carbon Dioxide, Ethylene Glycol Butyl Ether, Sodium Tripolyphosphate, Linear Alkylbenzene Sulfonate |
| 3                 | Fire Station           | Diesel particulates and gasoline vapor                                                                                                                                                                                   |
| 4                 | Grease Monkey          | Toluene, Xylene, Acetone, Methyl Alcohol, 2-Butoxyethanol, Others, , Methylene Chloride, Ethyl Benzene, 2-Propanone, Carbon Dioxide, Ethylene Glycol Butyl Ether, Sodium Tripolyphosphate, Linear Alkylbenzene Sulfonate |
| 5                 | Metro Station          | Diesel particulates                                                                                                                                                                                                      |
| 6                 | Specto Optical         | Acetone                                                                                                                                                                                                                  |
| 7                 | Arrow Collision Center | Methyl Ethyl Ketone, Toluene, Acetone,                                                                                                                                                                                   |

Table 10  
Quantification of Carcinogenic Risks and Noncarcinogenic Risks - Worker

| Source                                                                    | Mass GLC          |                   | Weight Fraction | Contaminant            | Carcinogenic Risk |          |          | Noncarcinogenic Risk/Toxicological Endpoints |                  |         |         |         |         |         |         |         |         |
|---------------------------------------------------------------------------|-------------------|-------------------|-----------------|------------------------|-------------------|----------|----------|----------------------------------------------|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                                                           | ug/m <sup>3</sup> | mg/m <sup>3</sup> |                 |                        | URF               | CPF      | MICR     | REL/RfC<br>ug/m <sup>3</sup>                 | RfD<br>mg/kg/day | RESP    | CNS/PNS | CV/BL   | IMMUN   | KIDN    | GI/LV   | REPRO   | EYES    |
| <b>Metro Station</b><br><br>Gaslone 19 K /mo<br>34.51 lbs TOG             | 7.65E+00          | 7.65E-03          | 1.1E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |         |         |         |         |         |         | 4.4E-04 |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 4.5E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 6.1E-03 | 6.1E-03 |         |         |         |         |         |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 1.4E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |         |         |         |         | 1.6E-03 | 1.6E-03 |         |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 8.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |         |         |         |         |         | 4.7E-04 |         |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 7.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 1.2E-04 |         |         |         |         |         |         |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 7.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 8.7E-05 |         |         |         |         |         |         |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |         |         | 4.1E-05 |         | 4.1E-05 | 4.1E-05 | 4.1E-05 |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 2.3E-04 | 2.3E-04 |         |         |         |         |         |         |
|                                                                           | 7.65E+00          | 7.65E-03          | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
|                                                                           | 7.01E+00          | 7.01E-03          | 1.0E+00         | Gasoline vapor         | 2.90E-05          | 5.60E-03 | 3.50E-06 | 2.10E+03                                     | 6.00E-01         | 1.8E-03 |         |         |         |         |         |         |         |
| <b>Prieto Auto Body</b><br><br>lbs/mo<br><b>240.195</b><br><br>1.38 lb/hr | 5.03E+00          | 5.03E-03          | 1.2E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |         |         |         |         |         |         | 3.2E-04 |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 4.9E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 4.4E-03 | 4.4E-03 |         |         |         |         |         |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 1.5E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |         |         |         |         | 1.2E-03 | 1.2E-03 |         |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 9.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |         |         |         |         |         | 3.5E-04 |         |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 8.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 9.3E-05 |         |         |         |         |         |         |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 8.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 6.5E-05 |         |         |         |         |         |         |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |         |         | 2.7E-05 |         | 2.7E-05 | 2.7E-05 | 2.7E-05 |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 1.5E-04 | 1.5E-04 |         |         |         |         |         |         |
|                                                                           | 5.03E+00          | 5.03E-03          | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
| <b>Yellow Cab</b><br>lbs/mo<br><b>52.43</b><br>.30 lb/hr                  | 1.07E+00          | 1.07E-03          | 5.0E-02         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 9.5E-05 | 9.5E-05 |         |         |         |         |         |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 2.0E-02         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |         |         |         |         | 3.3E-05 | 3.3E-05 |         |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 4.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |         |         | 1.1E-05 |         | 1.1E-05 | 1.1E-05 | 1.1E-05 |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 1.9E-01         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 1.6E-04 | 1.6E-04 |         |         |         |         |         |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 2.0E-02         | Methyl Alcohol         |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 3.0E-02         | Others (Inert)         |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 1.9E-01         | Methylene Chloride     |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 6.0E-02         | Carbon Dioxide         |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
|                                                                           | 1.07E+00          | 1.07E-03          | 3.4E-01         | 2-Propanone            |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
| <b>TACO KID</b><br><br><b>0.229 lb/hr</b>                                 |                   |                   |                 |                        |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
| <b>Total</b>                                                              | 1.95E-01          | 1.95E-04          | 1.0E+00         | Acetaldehyde           | 2.7E-06           | 1.0E-02  | 1.70E-07 | 9.0E+00                                      | 2.6E-03          | 1.1E-02 |         | 8.0E-05 | 0.0E+00 | 2.9E-03 | 3.7E-03 | 8.4E-04 | 0.0E+00 |

Note: Exposure Factors used to calculate contaminant intake

|                          |                     |       |
|--------------------------|---------------------|-------|
| Exposure Frequency       | days/year           | 240   |
| Exposure Duration        | years               | 40    |
| Inhalation Rate          | m <sup>3</sup> /day | 16.7  |
| Average Body Weight      | kilogram            | 71.8  |
| Average Time - Cancer    | days                | 25550 |
| Average Time - Noncancer | days                | 14600 |

**Table 11**  
**Quantification of Carcinogenic Risks and Noncarcinogenic Risks - Cumulative Risk Resident**

| Source                                     | Mass GLC |          | Weight Fraction | Contaminant            | Carcinogenic Risk |          |          | Noncarcinogenic Risk/Toxicological Endpoints |                  |          |          |          |         |          |          |          |         |
|--------------------------------------------|----------|----------|-----------------|------------------------|-------------------|----------|----------|----------------------------------------------|------------------|----------|----------|----------|---------|----------|----------|----------|---------|
|                                            | ug/m³    | mg/m³    |                 |                        | URF               | CPF      | MICR     | REL/RfC<br>ug/m³                             | RfD<br>mg/kg/day | RESP     | CNS/PNS  | CV/BL    | IMMUN   | KIDN     | GI/LV    | REPRO    | EYES    |
| Metro Station                              | 7.65E+00 | 7.65E-03 | 1.1E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |          |          |          |         |          |          | 5.50E-02 |         |
|                                            | 7.65E+00 | 7.65E-03 | 4.5E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 7.59E-01 | 7.59E-01 |          |         |          |          |          |         |
|                                            | 7.65E+00 | 7.65E-03 | 1.4E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |          |          |          |         | 2.03E-01 | 2.03E-01 |          |         |
|                                            | 7.65E+00 | 7.65E-03 | 8.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |          |          |          |         |          | 5.80E-02 |          |         |
|                                            | 7.65E+00 | 7.65E-03 | 7.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 1.54E-02 |          |          |         |          |          |          |         |
|                                            | 7.65E+00 | 7.65E-03 | 7.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 1.08E-02 |          |          |         |          |          |          |         |
|                                            | 7.65E+00 | 7.65E-03 | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |          |          | 5.09E-03 |         | 5.09E-03 | 5.09E-03 | 5.09E-03 |         |
|                                            | 7.65E+00 | 7.65E-03 | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 2.90E-02 | 2.90E-02 |          |         |          |          |          |         |
|                                            | 7.65E+00 | 7.65E-03 | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| Gasline 19 K /mo<br>34.51 lbs TOG          | 7.93E-01 | 7.93E-04 | 1.0E+00         | Gasoline vapor         | 1.60E-06          | 5.60E-03 | 1.23E-06 | 2.10E+03                                     | 6.00E-01         | 2.56E-02 |          |          |         |          |          |          |         |
|                                            | 5.03E+00 | 5.03E-03 | 1.2E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |          |          |          |         |          |          | 3.94E-02 |         |
|                                            | 5.03E+00 | 5.03E-03 | 4.9E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 5.43E-01 | 5.43E-01 |          |         |          |          |          |         |
|                                            | 5.03E+00 | 5.03E-03 | 1.5E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |          |          |          |         | 1.43E-01 | 1.43E-01 |          |         |
|                                            | 5.03E+00 | 5.03E-03 | 9.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |          |          |          |         |          | 4.29E-02 |          |         |
|                                            | 5.03E+00 | 5.03E-03 | 8.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 1.15E-02 |          |          |         |          |          |          |         |
|                                            | 5.03E+00 | 5.03E-03 | 8.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 8.11E-03 |          |          |         |          |          |          |         |
|                                            | 5.03E+00 | 5.03E-03 | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |          |          | 3.34E-03 |         | 3.34E-03 | 3.34E-03 | 3.34E-03 |         |
|                                            | 5.03E+00 | 5.03E-03 | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 1.91E-02 | 1.91E-02 |          |         |          |          |          |         |
| 1.38 lb/hr                                 | 5.03E+00 | 5.03E-03 | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 1.07E+00 | 1.07E-03 | 5.0E-02         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 1.18E-02 | 1.18E-02 |          |         |          |          |          |         |
|                                            | 1.07E+00 | 1.07E-03 | 2.0E-02         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |          |          |          |         | 4.06E-03 | 4.06E-03 |          |         |
|                                            | 1.07E+00 | 1.07E-03 | 4.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |          |          | 1.42E-03 |         | 1.42E-03 | 1.42E-03 | 1.42E-03 |         |
|                                            | 1.07E+00 | 1.07E-03 | 1.9E-01         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 1.93E-02 | 1.93E-02 |          |         |          |          |          |         |
|                                            | 1.07E+00 | 1.07E-03 | 2.0E-02         | Methyl Alcohol         |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 1.07E+00 | 1.07E-03 | 3.0E-02         | Others (Inert)         |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 1.07E+00 | 1.07E-03 | 1.9E-01         | Methylene Chloride     |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 1.07E+00 | 1.07E-03 | 6.0E-02         | Carbon Dioxide         |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| Yellow Cab<br>lbs/mo<br>52.43<br>.30 lb/hr | 1.07E+00 | 1.07E-03 | 3.4E-01         | 2-Propanone            |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| TACO KID                                   |          |          |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| 0.229 lb/hr                                | 1.95E-01 | 1.95E-04 | 1.0E+00         | Acetaldehyde           | 2.7E-06           | 1.0E-02  | 5.28E-07 | 9.0E+00                                      | 2.6E-03          | 1.42E+00 |          |          |         |          |          |          |         |
| Total                                      |          |          |                 |                        |                   |          | 1.8E-06  |                                              |                  | 2.9E+00  |          | 9.9E-03  | 0.0E+00 | 3.6E-01  | 4.6E-01  | 1.0E-01  | 0.0E+00 |

Note: Exposure Factors used to calculate contaminant intake

|       |                          |                     |       |
|-------|--------------------------|---------------------|-------|
| ADULT | Exposure Frequency       | days/year           | 350   |
|       | Exposure Duration        | years               | 64    |
|       | Inhalation Rate          | m <sup>3</sup> /day | 20    |
|       | Average Body Weight      | kilogram            | 71.8  |
|       | Average Time - Cancer    | days                | 25550 |
|       | Average Time - Noncancer | days                | 365   |

Note: Exposure Factors used to calculate contaminant intake

|       |                          |                     |              |
|-------|--------------------------|---------------------|--------------|
| CHILD | Exposure Frequency       | days/year           | 350          |
|       | Exposure Duration        | years               | 1 to 6       |
|       | Inhalation Rate          | m <sup>3</sup> /day | 2.32 to 6.14 |
|       | Average Body Weight      | kilogram            | 7.04 to 21.2 |
|       | Average Time - Cancer    | days                | 25550        |
|       | Average Time - Noncancer | days                | 365          |

Table 12 - Cumulative Risk

## Quantification of Carcinogenic Risks and Noncarcinogenic Risks - Students

| Source                                     | Mass GLC          |                   | Weight Fraction | Contaminant            | Carcinogenic Risk |          |          | Noncarcinogenic Risk/Toxicological Endpoints |                  |          |          |          |         |          |          |          |         |
|--------------------------------------------|-------------------|-------------------|-----------------|------------------------|-------------------|----------|----------|----------------------------------------------|------------------|----------|----------|----------|---------|----------|----------|----------|---------|
|                                            | ug/m <sup>3</sup> | mg/m <sup>3</sup> |                 |                        | URF               | CPF      | MICR     | REL/RfC<br>ug/m <sup>3</sup>                 | RfD<br>mg/kg/day | RESP     | CNS/PNS  | CV/BL    | IMMUN   | KIDN     | GI/LV    | REPRO    | EYES    |
| Metro Station                              | 8.85E+00          | 8.85E-03          | 1.1E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |          |          |          |         |          |          | 2.88E-03 |         |
|                                            | 8.85E+00          | 8.85E-03          | 4.5E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 3.97E-02 | 3.97E-02 |          |         |          |          |          |         |
|                                            | 8.85E+00          | 8.85E-03          | 1.4E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |          |          |          |         | 1.06E-02 | 1.06E-02 |          |         |
|                                            | 8.85E+00          | 8.85E-03          | 8.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |          |          |          |         |          | 3.04E-03 |          |         |
|                                            | 8.85E+00          | 8.85E-03          | 7.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 8.05E-04 |          |          |         |          |          |          |         |
|                                            | 8.85E+00          | 8.85E-03          | 7.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 5.65E-04 |          |          |         |          |          |          |         |
|                                            | 8.85E+00          | 8.85E-03          | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |          |          | 2.66E-04 |         | 2.66E-04 | 2.66E-04 | 2.66E-04 |         |
|                                            | 8.85E+00          | 8.85E-03          | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 1.52E-03 | 1.52E-03 |          |         |          |          |          |         |
|                                            | 8.85E+00          | 8.85E-03          | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| Gasline 19 K /mo<br>34.51 lbs TOG          | 7.68E-01          | 7.68E-04          | 1.0E+00         | Gasoline vapor         | 1.60E-06          | 5.60E-03 | 5.38E-08 | 2.10E+03                                     | 6.00E-01         | 1.12E-03 |          |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 1.2E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |          |          |          |         |          |          | 1.78E-04 |         |
|                                            | 5.00E-01          | 5.00E-04          | 4.9E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 2.44E-03 | 2.44E-03 |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 1.5E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |          |          |          |         | 6.44E-04 | 6.44E-04 |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 9.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |          |          |          |         |          | 1.93E-04 |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 8.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 5.20E-05 |          |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 8.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 3.65E-05 |          |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |          |          | 1.51E-05 |         | 1.51E-05 | 1.51E-05 | 1.51E-05 |         |
|                                            | 5.00E-01          | 5.00E-04          | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 8.58E-05 | 8.58E-05 |          |         |          |          |          |         |
| Presto Auto Body                           | 5.00E-01          | 5.00E-04          | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 5.0E-02         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 2.49E-04 | 2.49E-04 |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 2.0E-02         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |          |          |          |         | 8.58E-05 | 8.58E-05 |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 4.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |          |          | 3.01E-05 |         | 3.01E-05 | 3.01E-05 | 3.01E-05 |         |
|                                            | 5.00E-01          | 5.00E-04          | 1.9E-01         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 4.08E-04 | 4.08E-04 |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 2.0E-02         | Methyl Alcohol         |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 3.0E-02         | Others (Inert)         |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 1.9E-01         | Methylene Chloride     |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            | 5.00E-01          | 5.00E-04          | 6.0E-02         | Carbon Dioxide         |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| Yellow Cab<br>lbs/mo<br>52.43<br>.30 lb/hr | 5.00E-01          | 5.00E-04          | 3.4E-01         | 2-Propanone            |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
|                                            |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| TACO KID                                   |                   |                   |                 |                        |                   |          |          |                                              |                  |          |          |          |         |          |          |          |         |
| 0.229 lb/hr                                | 5.00E-01          | 5.00E-04          | 1.0E+00         | Acetaldehyde           | 2.7E-06           | 1.0E-02  | 6.13E-08 | 9.0E+00                                      | 2.6E-03          | 1.65E-01 |          |          |         |          |          |          |         |
| Total                                      |                   |                   |                 |                        |                   |          | 1.2E-07  |                                              |                  | 2.1E-01  |          | 3.1E-04  | 0.0E+00 | 1.2E-02  | 1.5E-02  | 3.4E-03  | 0.0E+00 |

Note: Exposure Factors used to calculate contaminant intake

|              |                          |                     |       |
|--------------|--------------------------|---------------------|-------|
| Kindergarten | Exposure Frequency       | days/year           | 180   |
|              | Exposure Duration        | years               | 1     |
|              | Inhalation Rate          | m <sup>3</sup> /day | 6.14  |
|              | Average Body Weight      | kilogram            | 21.2  |
|              | Average Time - Cancer    | days                | 25550 |
|              | Average Time - Noncancer | days                | 365   |

Note: Exposure Factors used to calculate contaminant intake

|           |                          |                     |       |
|-----------|--------------------------|---------------------|-------|
| 5th Grade | Exposure Frequency       | days/year           | 180   |
|           | Exposure Duration        | years               | 1     |
|           | Inhalation Rate          | m <sup>3</sup> /day | 11.23 |
|           | Average Body Weight      | kilogram            | 38.7  |
|           | Average Time - Cancer    | days                | 25550 |
|           | Average Time - Noncancer | days                | 365   |

Table 13  
Quantification of Carcinogenic Risks and Noncarcinogenic Risks - Cumulative Risk Resident

| Source                  | Mass GLC          |                   | Weight Fraction | Contaminant            | Carcinogenic Risk |          |          | Noncarcinogenic Risk/Toxicological Endpoints                            |                  |          |          |          |       |          |          |          |          |
|-------------------------|-------------------|-------------------|-----------------|------------------------|-------------------|----------|----------|-------------------------------------------------------------------------|------------------|----------|----------|----------|-------|----------|----------|----------|----------|
|                         | ug/m <sup>3</sup> | mg/m <sup>3</sup> |                 |                        | URF               | CPF      | MICR     | REL/RfC<br>ug/m <sup>3</sup>                                            | RfD<br>mg/kg/day | RESP     | CNS/PNS  | CV/BL    | IMMUN | KIDN     | GI/LV    | REPRO    | EYES     |
| Omnitrans               | 5.92E+00          | 5.92E-03          | 3.0E-01         | MEK                    |                   |          |          | 1.00E+03                                                                | 2.90E-01         |          |          |          |       |          |          | 1.49E-02 |          |
|                         | 5.92E+00          | 5.92E-03          | 2.0E-01         | Toluene                |                   |          |          | 3.00E+02                                                                | 8.60E-02         | 3.34E-02 | 3.34E-02 |          |       |          |          |          |          |
|                         | 5.92E+00          | 5.92E-03          | 1.0E-01         | Acetone                |                   |          |          | 3.50E-02                                                                | 1.00E-01         |          |          |          |       | 1.44E-02 | 1.44E-02 |          |          |
|                         | 5.92E+00          | 5.92E-03          | 1.0E-01         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                                                | 2.00E-01         |          |          |          |       |          | 7.19E-03 |          |          |
|                         | 5.92E+00          | 5.92E-03          | 2.0E-02         | Isopropanol            |                   |          |          | 7.00E+03                                                                | 2.00E+00         |          |          |          |       |          | 1.44E-04 |          |          |
|                         | 5.92E+00          | 5.92E-03          | 1.8E-01         | VM&P Naphtha           |                   |          |          | 3.30E+03                                                                | 9.40E-01         | 2.75E-03 |          |          |       |          |          |          |          |
|                         | 5.92E+00          | 5.92E-03          | 1.0E-01         | Ethyl Benzene          |                   |          |          | 2.00E+03                                                                | 5.70E-01         |          |          | 2.52E-03 |       | 2.52E-03 | 2.52E-03 | 2.52E-03 |          |
|                         | 5.92E+00          | 5.92E-03          | 1.0E-01         | Xylene                 |                   |          |          | 7.00E+02                                                                | 2.00E-01         | 7.19E-03 | 7.19E-03 |          |       |          |          |          |          |
|                         | 5.92E+00          | 5.92E-03          | 1.0E-01         | Isobutyl Alcohol       |                   |          |          |                                                                         |                  |          |          |          |       |          |          |          |          |
| Royal Coach<br>Autobody | 1.11E-01          | 1.11E-04          | 1.0E+00         | Gasoline vapor         | 1.60E-06          | 5.60E-03 | 1.68E-07 | 2.10E+03                                                                | 6.00E-01         | 4.49E-04 |          |          |       |          |          |          |          |
|                         | 5.53E-02          | 5.53E-05          | 2.0E-02         | EGBE                   |                   |          |          | 1.30E+04                                                                | 3.7              |          |          | 7.26E-07 |       |          |          |          |          |
|                         | 5.53E-02          | 5.53E-05          | 5.0E-02         | N-Propanol             |                   |          |          | 1.20E+03                                                                | 3.40E-01         | 1.97E-05 | 1.97E-05 |          |       |          | 1.97E-05 |          | 1.97E-05 |
|                         | 5.53E-02          | 5.53E-05          | 5.0E-02         | MEK                    |                   |          |          | 1.00E+03                                                                | 2.90E-01         |          |          |          |       |          |          | 2.32E-05 |          |
|                         | 5.53E-02          | 5.53E-05          | 1.7E-01         | Toluene                |                   |          |          | 3.00E+02                                                                | 8.60E-02         | 2.65E-04 | 2.65E-04 |          |       |          |          |          |          |
|                         | 5.53E-02          | 5.53E-05          | 6.6E-01         | Acetone                |                   |          |          | 3.50E-02                                                                | 1.00E-01         |          |          |          |       | 8.86E-04 | 8.86E-04 |          |          |
|                         | 5.53E-02          | 5.53E-05          | 4.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                                                | 2.00E-01         |          |          |          |       |          | 2.69E-05 |          |          |
|                         |                   |                   |                 |                        | 1.68E-07          |          |          | 4.41E-02 4.09E-02 2.52E-03 0.00E+00 1.78E-02 2.52E-02 1.74E-02 1.97E-05 |                  |          |          |          |       |          |          |          |          |

Note: Exposure Factors used to calculate contaminant intake

|       |                          |                     |       |
|-------|--------------------------|---------------------|-------|
| ADULT | Exposure Frequency       | days/year           | 350   |
|       | Exposure Duration        | years               | 64    |
|       | Inhalation Rate          | m <sup>3</sup> /day | 20    |
|       | Average Body Weight      | kilogram            | 71.8  |
|       | Average Time - Cancer    | days                | 25550 |
|       | Average Time - Noncancer | days                | 365   |

Note: Exposure Factors used to calculate contaminant intake

|       |                          |                     |              |
|-------|--------------------------|---------------------|--------------|
| CHILD | Exposure Frequency       | days/year           | 350          |
|       | Exposure Duration        | years               | 1 to 6       |
|       | Inhalation Rate          | m <sup>3</sup> /day | 2.32 to 6.14 |
|       | Average Body Weight      | kilogram            | 7.04 to 21.2 |
|       | Average Time - Cancer    | days                | 25550        |
|       | Average Time - Noncancer | days                | 365          |



Table 14  
Quantification of Carcinogenic Risks and Noncarcinogenic Risks - Worker

| Source                  | Mass GLC |          | Weight Fraction | Contaminant            | Carcinogenic Risk |          |          | Noncarcinogenic Risk/Toxicological Endpoints                            |                  |         |         |         |       |         |         |         |         |
|-------------------------|----------|----------|-----------------|------------------------|-------------------|----------|----------|-------------------------------------------------------------------------|------------------|---------|---------|---------|-------|---------|---------|---------|---------|
|                         | ug/m³    | mg/m³    |                 |                        | URF               | CPF      | MICR     | REL/RfC<br>ug/m³                                                        | RfD<br>mg/kg/day | RESP    | CNS/PNS | CV/BL   | IMMUN | KIDN    | GI/LV   | REPRO   | EYES    |
| Omnitrans               | 5.92E+00 | 5.92E-03 | 3.0E-01         | MEK                    |                   |          |          | 1.00E+03                                                                | 2.90E-01         |         |         |         |       |         |         | 9.4E-04 |         |
|                         | 5.92E+00 | 5.92E-03 | 2.0E-01         | Toluene                |                   |          |          | 3.00E+02                                                                | 8.60E-02         | 2.1E-03 | 2.1E-03 |         |       |         |         |         |         |
|                         | 5.92E+00 | 5.92E-03 | 1.0E-01         | Acetone                |                   |          |          | 3.50E-02                                                                | 1.00E-01         |         |         |         |       | 9.1E-04 | 9.1E-04 |         |         |
|                         | 5.92E+00 | 5.92E-03 | 1.0E-01         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                                                | 2.00E-01         |         |         |         |       |         | 4.5E-04 |         |         |
|                         | 5.92E+00 | 5.92E-03 | 2.0E-02         | Isopropanol            |                   |          |          | 7.00E+03                                                                | 2.00E+00         |         |         |         |       |         | 9.1E-06 |         |         |
|                         | 5.92E+00 | 5.92E-03 | 1.8E-01         | VM&P Naphtha           |                   |          |          | 3.30E+03                                                                | 9.40E-01         | 1.7E-04 |         |         |       |         |         |         |         |
|                         | 5.92E+00 | 5.92E-03 | 1.0E-01         | Ethyl Benzene          |                   |          |          | 2.00E+03                                                                | 5.70E-01         |         |         | 1.6E-04 |       | 1.6E-04 | 1.6E-04 | 1.6E-04 |         |
|                         | 5.92E+00 | 5.92E-03 | 1.0E-01         | Xylene                 |                   |          |          | 7.00E+02                                                                | 2.00E-01         | 4.5E-04 | 4.5E-04 |         |       |         |         |         |         |
|                         | 5.92E+00 | 5.92E-03 | 1.0E-01         | Isobutyl Alcohol       |                   |          |          |                                                                         |                  |         |         |         |       |         |         |         |         |
| Royal Coach<br>Autobody | 1.11E-01 | 1.11E-04 | 1.0E+00         | Gasoline vapor         | 1.60E-06          | 5.60E-03 | 5.43E-08 | 2.10E+03                                                                | 6.00E-01         | 2.8E-05 |         |         |       |         |         |         |         |
|                         | 0.05533  | 5.53E-05 | 2.0E-02         | EGBE                   |                   |          |          | 1.30E+04                                                                | 3.7              |         |         | 4.6E-08 |       |         |         |         |         |
|                         | 0.05533  | 5.53E-05 | 5.0E-02         | N-Propanol             |                   |          |          | 1.20E+03                                                                | 3.40E-01         | 1.2E-06 | 1.2E-06 |         |       |         | 1.2E-06 |         | 1.2E-06 |
|                         | 0.05533  | 5.53E-05 | 5.0E-02         | MEK                    |                   |          |          | 1.00E+03                                                                | 2.90E-01         |         |         |         |       |         |         | 1.5E-06 |         |
|                         | 0.05533  | 5.53E-05 | 1.7E-01         | Toluene                |                   |          |          | 3.00E+02                                                                | 8.60E-02         | 1.7E-05 | 1.7E-05 |         |       |         |         |         |         |
|                         | 0.05533  | 5.53E-05 | 6.6E-01         | Acetone                |                   |          |          | 3.50E-02                                                                | 1.00E-01         |         |         |         |       | 5.6E-05 | 5.6E-05 |         |         |
|                         | 0.05533  | 5.53E-05 | 4.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                                                | 2.00E-01         |         |         |         |       |         | 1.7E-06 |         |         |
|                         |          |          |                 |                        | 5.43E-08          |          |          | 2.76E-03 8.68E-03 6.28E-03 0.00E+00 1.06E-03 1.53E-03 7.21E-03 0.00E+00 |                  |         |         |         |       |         |         |         |         |

Note: Exposure Factors used to calculate contaminant intake

|                          |           |       |
|--------------------------|-----------|-------|
| Exposure Frequency       | days/year | 240   |
| Exposure Duration        | years     | 40    |
| Inhalation Rate          | m³/day    | 16.7  |
| Average Body Weight      | kilogram  | 71.8  |
| Average Time - Cancer    | days      | 25550 |
| Average Time - Noncancer | days      | 14600 |

**Table 15**  
**Quantification of Carcinogenic Risks and Noncarcinogenic Risks - Cumulative Risk Resident**

| Source                                               | Mass GLC |          | Weight Fraction | Contaminant            | Carcinogenic Risk |          |          | Noncarcinogenic Risk/Toxicological Endpoints |                  |          |          |         |          |          |          |          |      |
|------------------------------------------------------|----------|----------|-----------------|------------------------|-------------------|----------|----------|----------------------------------------------|------------------|----------|----------|---------|----------|----------|----------|----------|------|
|                                                      | ug/m³    | mg/m³    |                 |                        | URF               | CPF      | MICR     | REL/RfC<br>ug/m³                             | RfD<br>mg/kg/day | RESP     | CNS/PNS  | CV/BL   | IMMUN    | KIDN     | GI/LV    | REPRO    | EYES |
| West Valley<br><br>Gasline 19 K /mo<br>34.51 lbs TOG | 3.09E+00 | 3.09E-03 | 1.1E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |          |          |         |          |          |          | 2.22E-02 |      |
|                                                      | 3.09E+00 | 3.09E-03 | 4.5E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 3.06E-01 | 3.06E-01 |         |          |          |          |          |      |
|                                                      | 3.09E+00 | 3.09E-03 | 1.4E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |          |          |         | 8.20E-02 | 8.20E-02 |          |          |      |
|                                                      | 3.09E+00 | 3.09E-03 | 8.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |          |          |         |          | 2.34E-02 |          |          |      |
|                                                      | 3.09E+00 | 3.09E-03 | 7.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 6.21E-03 |          |         |          |          |          |          |      |
|                                                      | 3.09E+00 | 3.09E-03 | 7.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 4.36E-03 |          |         |          |          |          |          |      |
|                                                      | 3.09E+00 | 3.09E-03 | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |          | 2.05E-03 |         | 2.05E-03 | 2.05E-03 | 2.05E-03 |          |      |
|                                                      | 3.09E+00 | 3.09E-03 | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 1.17E-02 | 1.17E-02 |         |          |          |          |          |      |
|                                                      | 3.09E+00 | 3.09E-03 | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |          |          |         |          |          |          |          |      |
|                                                      | 3.08E+00 | 3.08E-03 | 1.0E+00         | Gasoline vapor         | 1.60E-06          | 5.60E-03 | 1.23E-06 | 2.10E+03                                     | 6.00E-01         | 2.56E-02 |          |         |          |          |          |          |      |
| Total                                                |          |          |                 |                        | 1.2E-06           |          |          | 3.5E-01                                      |                  |          | 2.1E-03  | 0.0E+00 | 8.4E-02  | 1.1E-01  | 2.4E-02  | 0.0E+00  |      |

Note: Exposure Factors used to calculate contaminant intake

|       |                          |                     |       |
|-------|--------------------------|---------------------|-------|
| ADULT | Exposure Frequency       | days/year           | 350   |
|       | Exposure Duration        | years               | 64    |
|       | Inhalation Rate          | m <sup>3</sup> /day | 20    |
|       | Average Body Weight      | kilogram            | 71.8  |
|       | Average Time - Cancer    | days                | 25550 |
|       | Average Time - Noncancer | days                | 365   |

Note: Exposure Factors used to calculate contaminant intake

|       |                          |                     |              |
|-------|--------------------------|---------------------|--------------|
| CHILD | Exposure Frequency       | days/year           | 350          |
|       | Exposure Duration        | years               | 1 to 6       |
|       | Inhalation Rate          | m <sup>3</sup> /day | 2.32 to 6.14 |
|       | Average Body Weight      | kilogram            | 7.04 to 21.2 |
|       | Average Time - Cancer    | days                | 25550        |
|       | Average Time - Noncancer | days                | 365          |

Table 16  
Quantification of Carcinogenic Risks and Noncarcinogenic Risks - Worker

| Source                                                                 | Mass GLC |          | Weight Fraction | Contaminant            | Carcinogenic Risk |          |          | Noncarcinogenic Risk/Toxicological Endpoints |                  |         |         |         |         |         |         |         |         |
|------------------------------------------------------------------------|----------|----------|-----------------|------------------------|-------------------|----------|----------|----------------------------------------------|------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                                                        | ug/m³    | mg/m³    |                 |                        | URF               | CPF      | MICR     | REL/RfC<br>ug/m³                             | RfD<br>mg/kg/day | RESP    | CNS/PNS | CV/BL   | IMMUN   | KIDN    | GI/LV   | REPRO   | EYES    |
| Metro Station<br><br><br><br><br><br>Gaslone 19 K /mo<br>34.51 lbs TOG | 3.09E+00 | 3.09E-03 | 1.1E-01         | MEK                    |                   |          |          | 1.00E+03                                     | 2.90E-01         |         |         |         |         |         |         | 1.8E-04 |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 4.5E-01         | Toluene                |                   |          |          | 3.00E+02                                     | 8.60E-02         | 2.5E-03 | 2.5E-03 |         |         |         |         |         |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 1.4E-01         | Acetone                |                   |          |          | 3.50E-02                                     | 1.00E-01         |         |         |         |         | 6.6E-04 | 6.6E-04 |         |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 8.0E-02         | Butyl Benzyl Phthalate |                   |          |          | 7.00E+02                                     | 2.00E-01         |         |         |         |         |         | 1.9E-04 |         |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 7.0E-02         | Isopropanol            |                   |          |          | 2.30E+03                                     | 6.60E-01         | 5.0E-05 |         |         |         |         |         |         |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 7.0E-02         | VM&P Naphtha           |                   |          |          | 3.30E+03                                     | 9.40E-01         | 3.5E-05 |         |         |         |         |         |         |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 2.0E-02         | Ethyl Benzene          |                   |          |          | 2.00E+03                                     | 5.70E-01         |         |         | 1.7E-05 |         | 1.7E-05 | 1.7E-05 | 1.7E-05 |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 4.0E-02         | Xylene                 |                   |          |          | 7.00E+02                                     | 2.00E-01         | 9.5E-05 | 9.5E-05 |         |         |         |         |         |         |
|                                                                        | 3.09E+00 | 3.09E-03 | 4.0E-02         | Isobutyl Alcohol       |                   |          |          |                                              |                  |         |         |         |         |         |         |         |         |
| Total                                                                  |          |          |                 |                        | 2.90E-05          | 5.60E-03 | 1.54E-06 | 2.10E+03                                     | 6.00E-01         | 8.0E-04 |         | 1.7E-05 | 0.0E+00 | 6.8E-04 | 8.7E-04 | 2.0E-04 | 0.0E+00 |

Note: Exposure Factors used to calculate contaminant intake

|                          |           |       |
|--------------------------|-----------|-------|
| Exposure Frequency       | days/year | 240   |
| Exposure Duration        | years     | 40    |
| Inhalation Rate          | m³/day    | 16.7  |
| Average Body Weight      | kilogram  | 71.8  |
| Average Time - Cancer    | days      | 25550 |
| Average Time - Noncancer | days      | 14600 |

Table 17: Detection Thresholds For Odorants In Air And Water – Nitrogen Compounds

| Compound                  | Character | Odor Threshold Concentration<br>(ppmv) |
|---------------------------|-----------|----------------------------------------|
| <b>Nitrogen Compounds</b> |           |                                        |
| Ammonia                   | Pungent   | 0.038 <sup>a</sup>                     |
| Methyl amine              | Fishy     | 3.2 <sup>b</sup>                       |
| Triethylamine             | Fishy     | 0.48 <sup>b</sup>                      |
| Trimethyl amine           | Fishy     | 0.00044 <sup>b</sup>                   |
| Skatole                   | Feces     | 0.0000004 <sup>a</sup>                 |

Table 18: Detection Thresholds For Odorants In Air And Water – Sulfur Compounds

| Compound                | Character       | Odor Threshold Concentration<br>(ppmv) |
|-------------------------|-----------------|----------------------------------------|
| <b>Sulfur Compounds</b> |                 |                                        |
| Ethyl mercaptan         | rotton cabbage  | 0.00001 <sup>a</sup>                   |
| Hydrogen sulfide        | rotten eggs     | 0.0005 <sup>a</sup>                    |
| Carbon disulfide        | disagree, sweet | 0.0077                                 |
| Dimethyl sulfide        | rotten cabbage  | 0.001 <sup>a</sup>                     |
| Dimethyl disulfide      | rotten cabbage  | 0.000026 <sup>a</sup>                  |
| Dimethyl trisulfide     | rotten cabbage  | 0.0012 <sup>a</sup>                    |
| Methyl mercaptan        | Sulfidey        | 0.00002 <sup>a</sup>                   |
| Allyl mercaptan         | garlic coffee   | 0.0001 <sup>a</sup>                    |
| Propyl mercaptan        | Unpleasant      | 0.0001 <sup>a</sup>                    |
| Amyl mercaptan          | Putrid          | 0.00002 <sup>a</sup>                   |
| Benzyl mercaptan        | Unpleasant      | 0.0003 <sup>a</sup>                    |
| Sulfur dioxide          | Irritating      | 0.449 <sup>a</sup>                     |
| Carbon oxysulfide       | Irritating      | 0.449 <sup>a *</sup>                   |

Table 19: Detection Thresholds For Odorants In Air And Water – Volatile Fatty Acid Compounds

| Compound                    | Character       | Odor Threshold Concentration<br>(ppmv) |
|-----------------------------|-----------------|----------------------------------------|
| <b>Volatile Fatty Acids</b> |                 |                                        |
| Formic acid                 | Biting          | 0.024 <sup>a</sup>                     |
| Acetic acid                 | Vinegar         | 1.019 <sup>a</sup>                     |
| Propionic acid              | rancid, pungent | 0.028 <sup>a</sup>                     |
| Butyric acid                | Rancid          | 0.001 <sup>a</sup>                     |
| Isovaleric acid             | Unpleasant      | 0.0006 <sup>a</sup>                    |
| Valeric acid                | Unpleasant      | 0.0006 <sup>a</sup>                    |

a Ruth 1986 (lowest OTC)

b Amoore and Hautala, 1983

c AIH, 1989

\* Sulfur dioxide used as a surrogate

Table 20: Detection Thresholds For Odorants In Air And Water – Aldehydes and Ketones

| Compound                     | Character            | Odor Threshold Concentration<br>(ppmv) |
|------------------------------|----------------------|----------------------------------------|
| <b>Aldehydes and Ketones</b> |                      |                                        |
| Formaldahyde                 | Unpleasant           | 1.199 <sup>a</sup>                     |
| Acetaldehyde                 | green sweet          | 0.0001 <sup>a</sup>                    |
| Acetone                      | sweet, minty         | 20.6 <sup>a</sup>                      |
| Acreolin                     | burnt, sweet         | 0.0228 <sup>a</sup>                    |
| Propionaldyhyde              | sweet, ester         | 0.011 <sup>a</sup>                     |
| Crotonaldyhyde               | pungent, suffocating | 0.037 <sup>a</sup>                     |
| Methyl ethyl ketone          | sweet, minty         | 0.25 <sup>a</sup>                      |
| Butanaldyhyde                | Sweet                | 9.5 <sup>a</sup>                       |
| Valeraldehyde                | Pungent              | 0.028 <sup>a</sup>                     |

<sup>a</sup> Ruth 1986 (lowest OTC)

<sup>b</sup> Amoore and Hautala, 1983

<sup>c</sup> AIH, 1989

\* Sulfur dioxide used as a surrogate

Table 21: Detection Thresholds For Odorants In Air And Water - Solvents

| Compound             | Character   | Odor Threshold Concentration<br>(ppmv) |
|----------------------|-------------|----------------------------------------|
| <b>Solvents</b>      |             |                                        |
| Benzene              | Solvent     | 12 <sup>a</sup>                        |
| 1,3-butadiene        | Aromatic    | 0.45 <sup>c</sup>                      |
| 2-Butoxyethanol      | Alcohol     | 0.10 <sup>c</sup>                      |
| Chlorobenzene        | Solvent     | 0.68 <sup>a</sup>                      |
| Carbon tetrachloride | Solvent     | 96 <sup>a</sup>                        |
| Chloroform           | Solvent     | 85 <sup>a</sup>                        |
| Chlorotoluene        | Solvent     | 0.32 <sup>b</sup>                      |
| Cyclohexane          | Hydrocarbon | 25 <sup>b</sup>                        |
| Cyclohexene          | Hydrocarbon | 0.18 <sup>b</sup>                      |
| o-dichlorobenzene    | Solvent     | 0.3 <sup>b</sup>                       |
| 1-4 dioxane          | Solvent     | 24 <sup>b</sup>                        |
| Ethane               | Solvent     | 120000 <sup>b</sup>                    |
| Ethyl alcohol        | Alcohol     | 84 <sup>b</sup>                        |
| Ethyl benzene        | Solvent     | 2.3 <sup>b</sup>                       |
| Heptane              | Hydrocarbon | 150 <sup>b</sup>                       |



Table 21: Detection Thresholds For Odorants In Air And Water - Solvents

| Compound          | Character         | Odor Threshold Concentration<br>(ppmv) |
|-------------------|-------------------|----------------------------------------|
| Hexane            | Hydrocarbon       | 130 <sup>b</sup>                       |
| Ethyl alcohol     | Alcohol           | 1.6 <sup>b</sup>                       |
| Methyl alcohol    | Ethyl alcohol     | Alcohol                                |
| Nonane            | Hydrocarbon       | 47 <sup>b</sup>                        |
| Ocatane           | Hydrocarbon       | 48 <sup>b</sup>                        |
| Pentane           | Hydrocarbon       | 400 <sup>b</sup>                       |
| Perchloroethylene | Solvent           | 27 <sup>b</sup>                        |
| Phenol            | Solvent           | 0.04 <sup>b</sup>                      |
| Napthalene        | Mothball          | 0.01 <sup>b</sup>                      |
| Toluene           | Sweet             | 2.4 <sup>b</sup>                       |
| Trichlorethylene  | Solvent           | 28 <sup>b</sup>                        |
| Vinyl chloride    | Solvent           | 3000 <sup>b</sup>                      |
| m-xylene          | Sweet, nailpolish | 2.1b                                   |

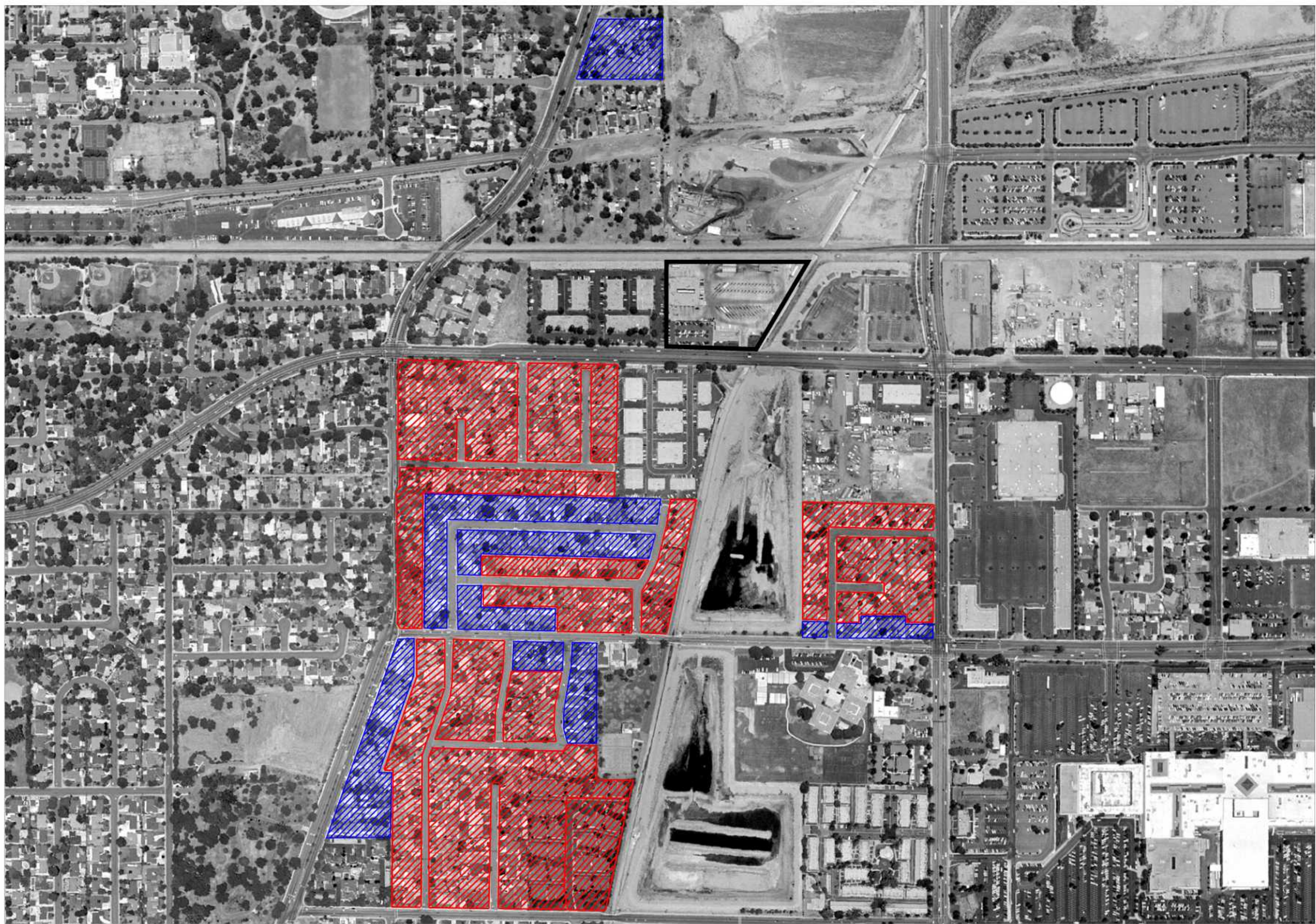
a Ruth 1986 (lowest OTC)

b Amooore and Hautala, 1983

c AIH, 1989

\* Sulfur dioxide used as a surrogate=



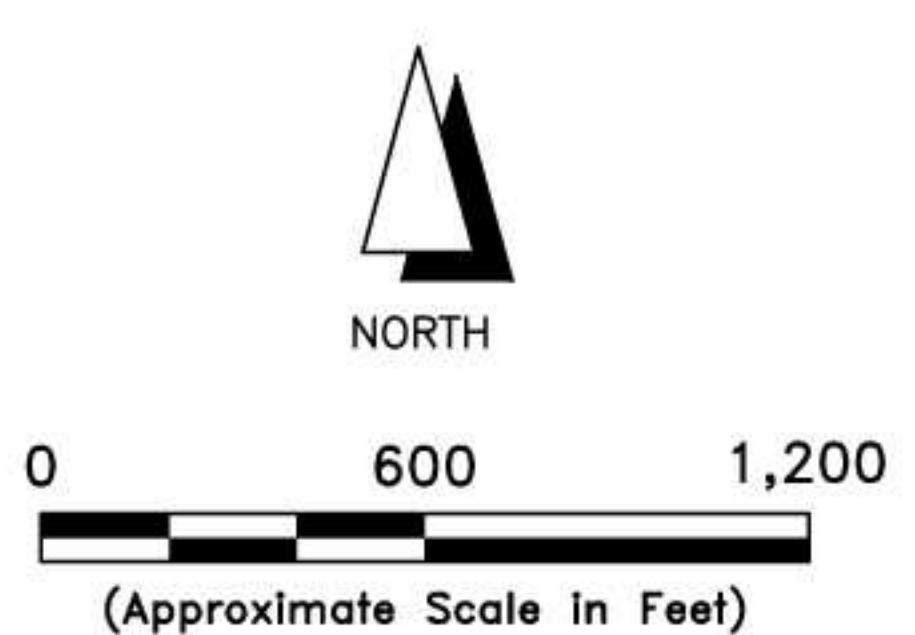


**LEGEND**

- PROPERTY LINE/SITE BOUNDARY
- RESIDENCES SURVEYED
- ANTICIPATED SURVEY AREA - SURVEY RESTRICTED DUE TO WILD FIRES

**NOTES**

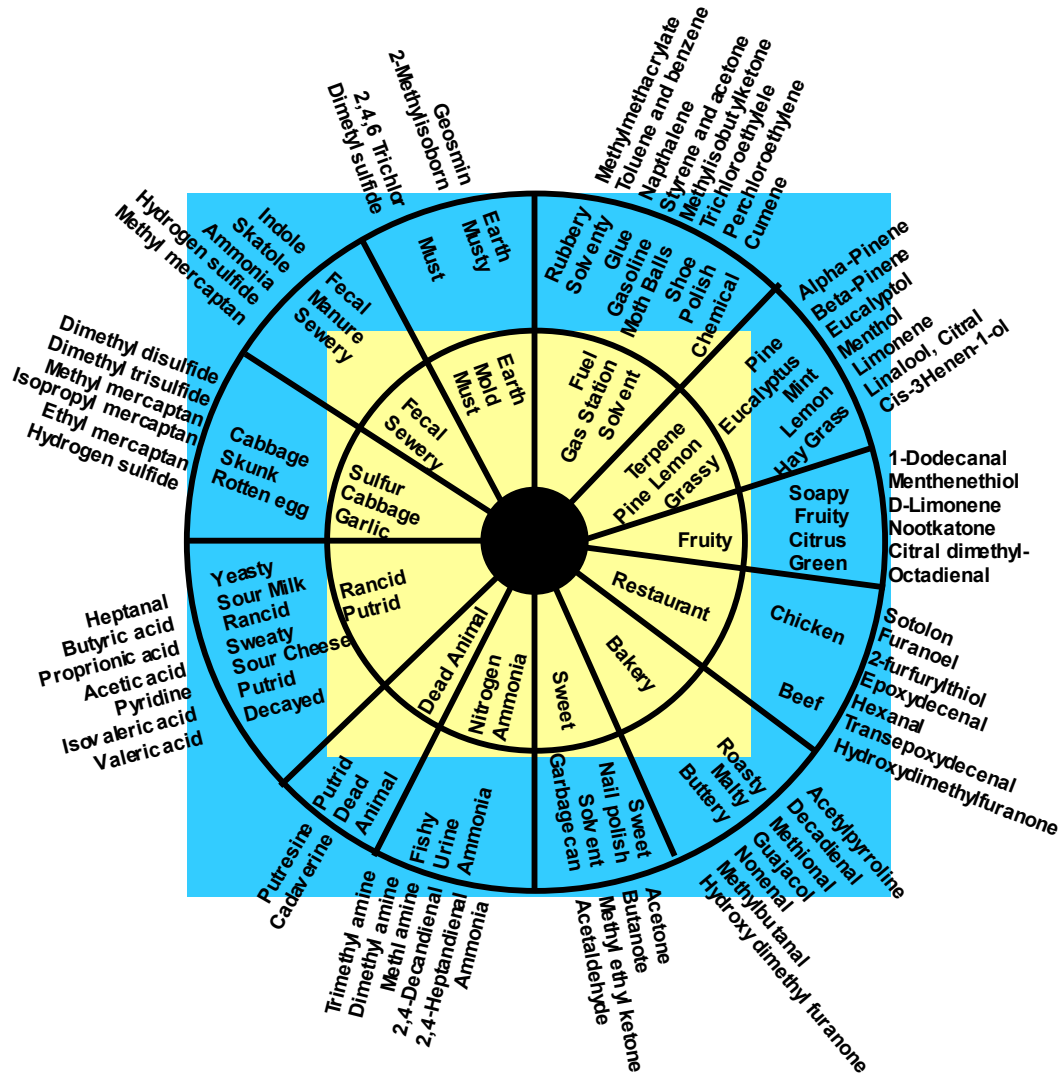
1. All locations are approximate.



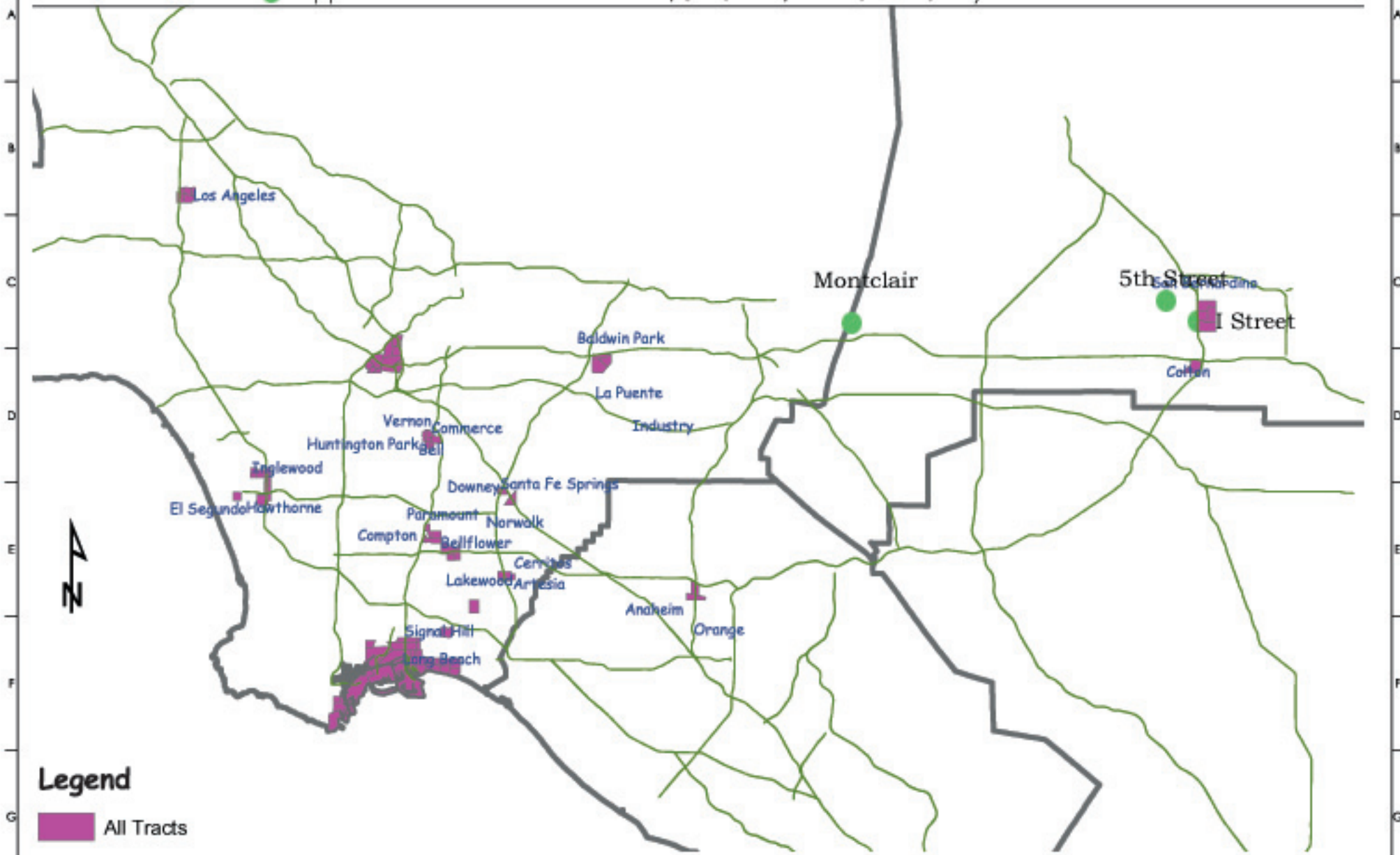
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|---------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|--|
| Title: Residences Surveyed in the Vicinity of the Omnitrans Fueling Facility<br>4748 Arrow Highway, Montclair, California |                   |               |  |
| Date: 11/03/03                                                                                                            | Drafted By: RCH   | Figure No: 17 |  |
| Project No: 015                                                                                                           | Approved By: JJJC |               |  |



Figure 18: Qualitative Urban Odor Classification Wheel (Rosenfeld et al., 2003)



● Approximate location of Montclair, 5th Street, and I Street Study Areas



## Legend

■ All Tracts



PREPARED SOLELY FOR THE USE OF OUR CLIENT AND NO REPRESENTATION OF ANY KIND IS MADE TO OTHER PARTIES WITH WHOM KOMEX MAY NOT ENTER INTO A CONTRACT.

Client:

Project/Site:

Title:

Census Tracts with Risk Greater Than 1,500 in 1,000,000  
From Mobile Sources

Date:

Project No:

Figure No:

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