TOM DODSON & ASSOCIATES
PHYSICAL ADDRESS: 2150 N. ARROWHEAD AVENUE SAN BERNARDINO, CA 92405
MAILING ADDRESS: PO BOX 2307, SAN BERNARDINO, CA 92406
TEL (909) 882-3612 • FAX (909) 882-7015
E-MAIL TDA@TDAENV.COM

MEMORANDUM

From: Kaitlyn Dodson-Hamilton

To: Mr. Mathew Evans, Planner

Date: June 13, 2022

Subj: **Letter of No Effect, Prairie View Multi-Family Project, Hazards Assessment**

Dear Mr. Evans,

I have prepared this letter at the request of the City and the Developer of the proposed Prairie View Multi-Family Project—Mr. Ed Haddad—to address the potential for hazardous soils to occur within the subject property, and to provide evidence that a full-scope Phase I Environmental Site Assessment is not necessary to draw a conclusion of "Less Than Significant Impact" for this issue.

In 2003, a Preliminary Phase I Environmental Site Assessment (ESA) was prepared for the Subject Property (refer to Photo 1, which depicts an aerial view of the site and site boundaries). This report is provided as an Attachment to this letter. The 2003 Phase I ESA concluded that the likelihood of significant hazardous materials or petroleum contamination existing on or migrating into the subject site from off-site sources was low.

The 2003 Phase I ESA noted that the subject property served as agricultural land in and prior to 1980. As shown in Photo 2, below, which depicts an aerial of the site from June of 2002, the subject property was not developed at the time that the 2003 Phase I ESA was prepared for future development. By 2009, shown on Photo 3, the entirety of the subject property, in addition to the property to the north of the subject property, has been graded and prepped for future single-family residential development. The subject property was rough graded in 2007 for a proposed residential development that did not occur.

Due to the fact that the site has remained vacant in the time that has elapsed since the subject property and adjacent parcel to the north were rough graded, a proposal to develop the northern property was made by the Perris Union High School District. Thus, in 2013, Perris Union High School District proposed to develop the property north of and adjacent to the subject property as the Perris Middle School. Due to the stringent regulations to which a School District must adhere in order to develop a school, a Preliminary Environmental Assessment Report (PEA) was prepared for the proposed Perris Middle School project site in order to determine whether there would be a significant risk to human health as a result of development at this site. The PEA is provided as Attachment 2 to this letter and further information about the determination made by

the Department of Toxic Substances Control (DTSC) regarding the Perris Middle School Site can be found at the EnviroStor online database.[1]

The PEA soil sampling efforts determined that the fill soils encountered at the proposed middle school site consisted of medium dense to dense, brown to light brown to pink silty sand and silt with sand. The thickness of the fill encountered during this investigation varied from 1 to 4 feet in the rough-graded street areas and from 2.5 to 7 feet in the rough-graded building pads. The native soils encountered at the proposed middle school site consisted of medium dense to dense dark gray to brown to strong brown silty sand, and silt with or without gravel. No odors or staining were observed by the field geologist. Organochlorine Pesticides (OCP) concentrations were below laboratory detection limits in all samples analyzed. Arsenic concentrations ranged from nondetect to 3.3 mg/kg, which was below the DTSC's risk management detection limit level of 12 mg/kg for arsenic used for school sites in southern California. The PEA concluded that no further assessment of the proposed school site is necessary.

Given that the proposed Perris Middle School site and the subject property were operated as one contiguous property—refer to historical imagery provided as Photos 4 through 7—at various points in history, it can be concluded that the finding made in the PEA for the northern property would be applicable and similar to that which would be expected to occur within the subject property. This is because these adjacent sites served as agricultural uses at concurrent times in history and have both remained vacant since the site was rough graded in 2007. Unlike issues such as Transportation or Noise under the California Environmental Quality Act (CEQA), site hazards are less likely to evolve over time when a site remains vacant without evidence of trespass. Thus, even though about two decades have elapsed since the 2003 Phase I ESA was conducted, and about one decade has elapsed since the PEA was conducted for the property adjacent to and north of the subject property, the circumstances related to the potential for soil contamination at the site are not likely to have transformed over time. More specifically, the subject property is unlikely to have been contaminated in the time that has elapsed since the 2003 Phase I ESA and PEA were conducted because the site has remained vacant with no activities occurring on site that would be likely to cause a new contamination source. Thus, it is my professional opinion, as a practitioner of CEQA, that the City can make the determination that:

(a) *An updated Phase I ESA is not required for the subject property in order to make a determination that the potential for soil contamination at the subject property is less than significant; and,*
(b) *Given the existing data pertaining to soil contamination at the subject property, the potential for soil contamination at the subject property is less than significant.*
(c) *In an abundance of caution, a soil sampling program with a minimum of one sample location per 2 acres of land shall be conducted by the developer. If the contaminant concentrations above the DTSC hazard levels occur on the project site, the exact dimensions, including volume, of soil containing this contamination shall be documented. A report verifying that the contaminated soil can be effectively blended (and how this will be accomplished on the project site) with other uncontaminated onsite soil shall be provided to the City by the Developer. If there is insufficient soil for blending at the site, the contaminated soil shall be collected and disposed of at a properly licensed facility. This shall be completed prior to initiating mass grading of the site and records documenting proper management of the contaminated soil shall be provided to the City by the Developer.*

[1] https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001855

The conclusions outlined above are, in my professional opinion, sufficient for the City to make the determination that the Prairie View Multi-Family Project would not have a significant potential to be developed on a site containing irremediable soil contamination hazards. Do not hesitate to give me a call if you have any questions regarding the contents of this package.



Kaitlyn Dodson-Hamilton, Vice President

SITE PHOTOS

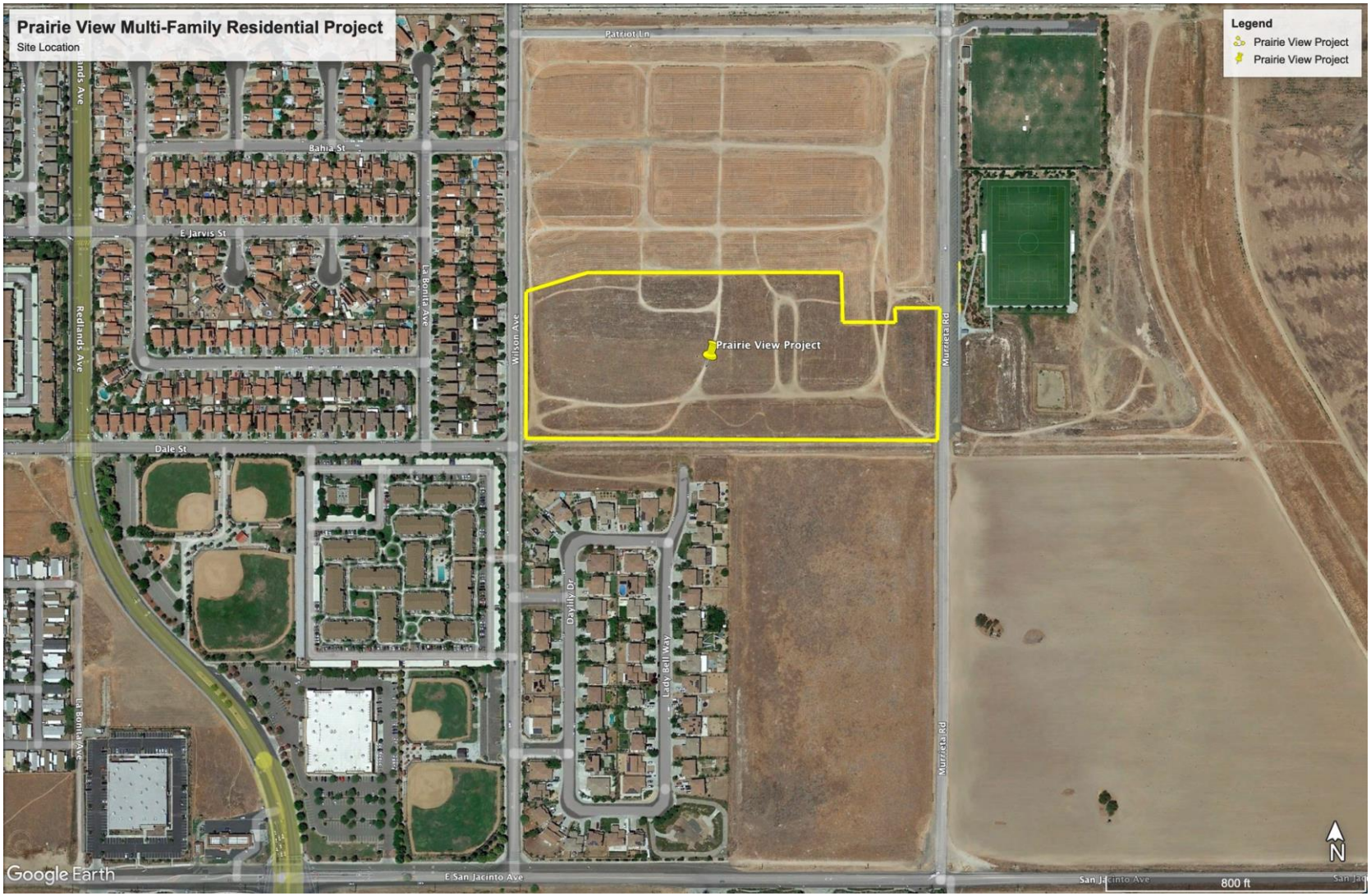


PHOTO 1: Site Location, Present

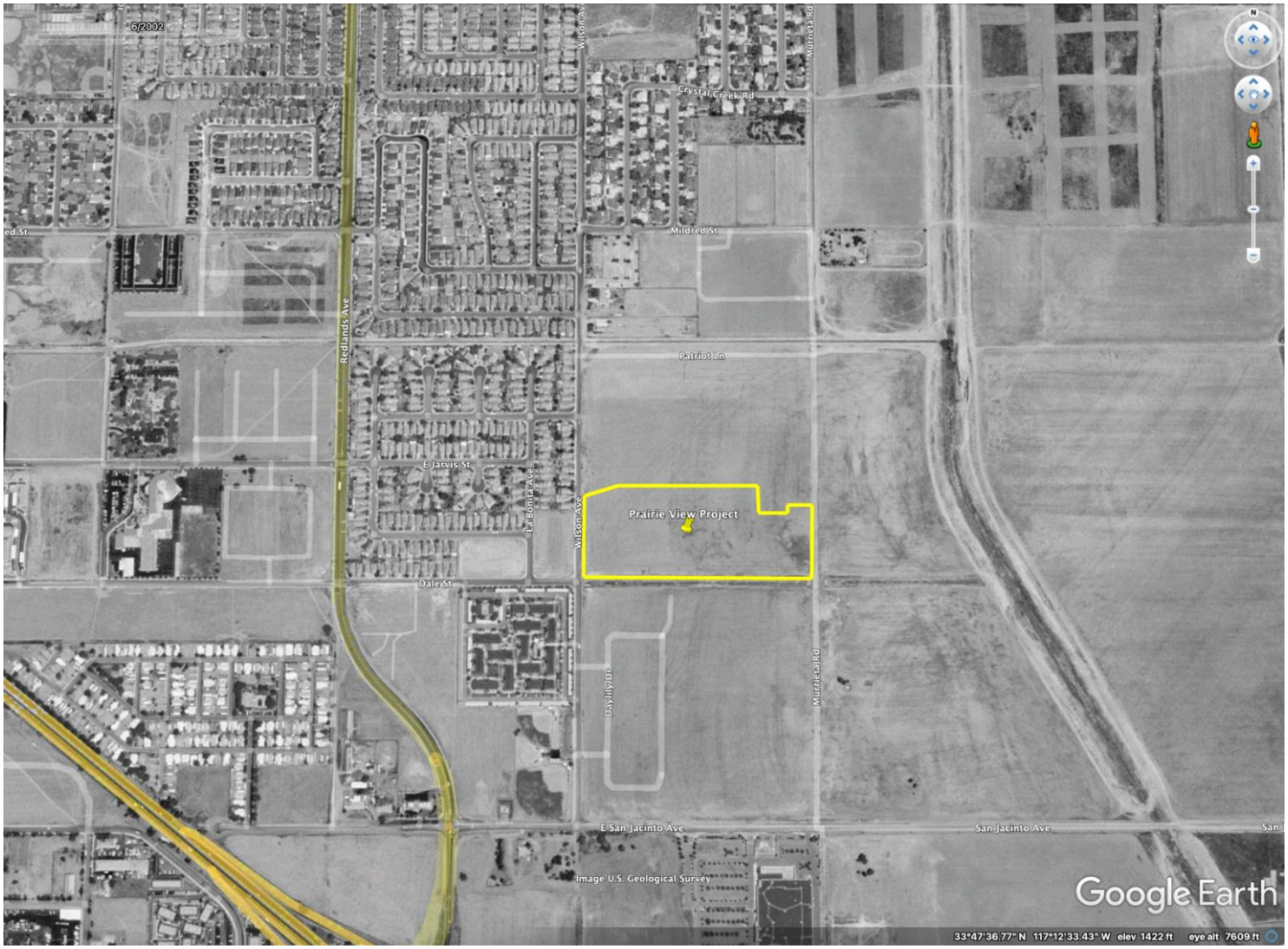


PHOTO 2: 2002 Aerial of the Subject Property



PHOTO 3: 2009 Aerial of the Subject Property



PHOTO 4: 1938 Aerial of the Subject Property

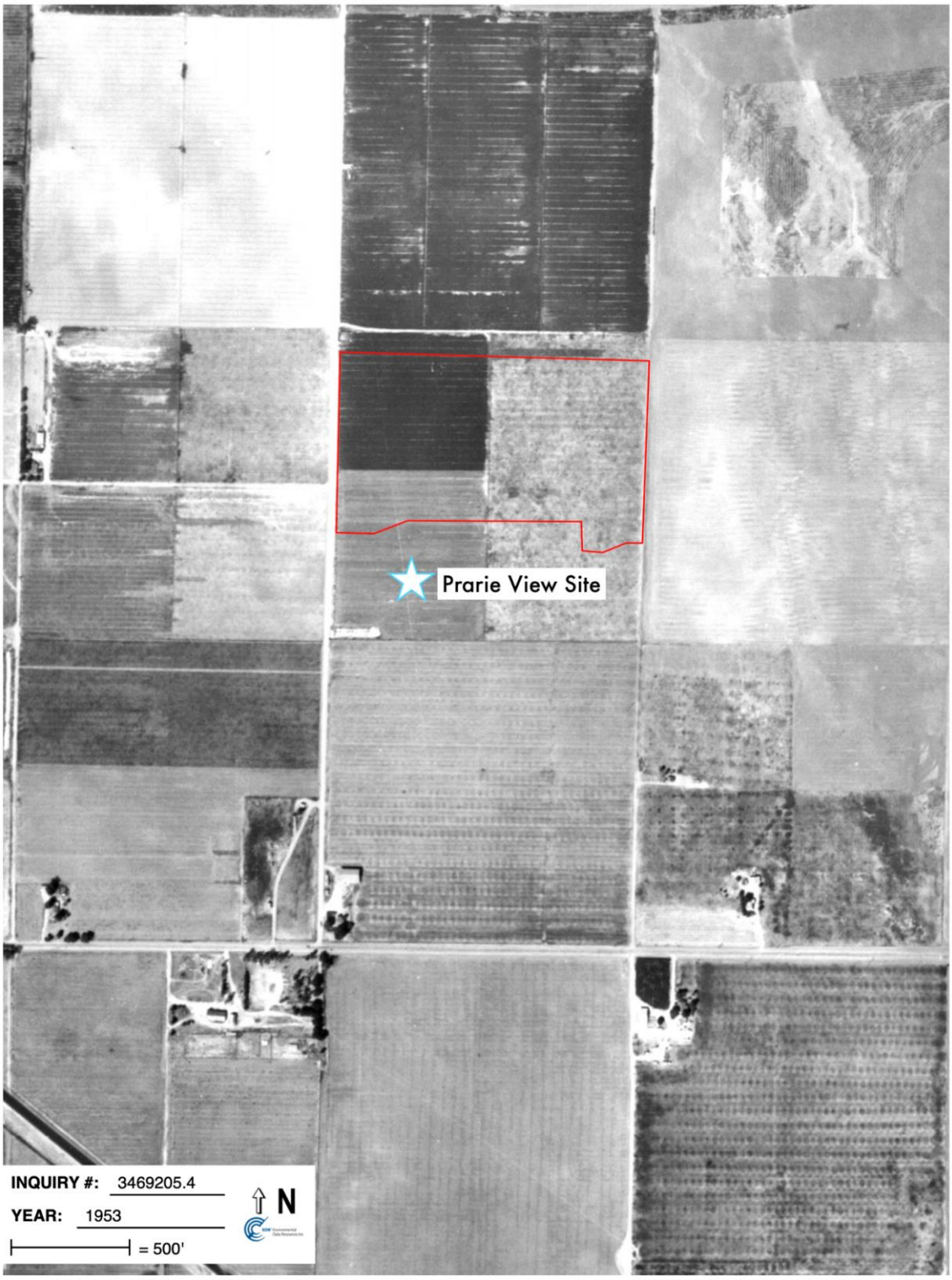


PHOTO 5: 1953 Aerial of the Subject Property



PHOTO 6: 1967 Aerial of the Subject Property

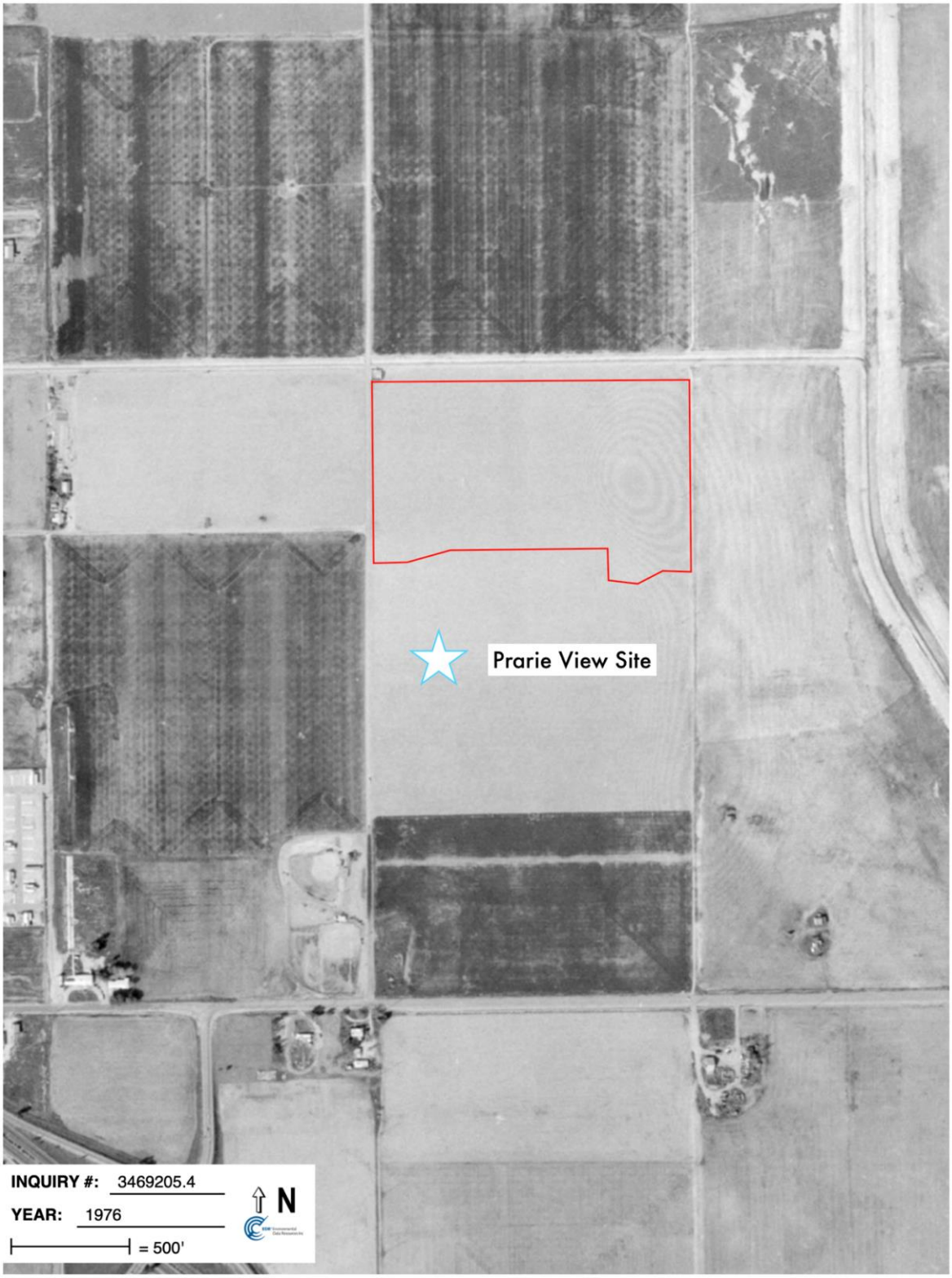


PHOTO 7: 1976 Aerial of the Subject Property

ATTACHMENT 1
2003 PHASE I ESA

SID GEOTECHNICAL, INC.

Soil Engineering, Environmental Engineering, Materials Testing, Geology

July 2, 2003

Project No. 2078-02

TO: Corman Leigh Communities
42346 Rio Nedo, Suite L
Temecula, California 92590

ATTENTION: Mr. John Boggs and Shawn Cumo

SUBJECT: Environmental Site Assessment (Phase I), 58 Acres, Southeast Corner of Wilson Avenue and Metz Road, City of Perris, Riverside County, California

Enclosed, please find our Phase I Environmental Assessment report for the subject site. Subsurface sampling of soils or groundwater for environmental purposes is not within the scope of this Phase I study.

Our findings, conclusions, recommendations, and limitations relating to the environmental condition of the property are presented herein. Should you have any questions, please do not hesitate to call our office. We appreciate this opportunity to be of service.

Very truly yours,

SID GEOTECHNICAL, INC.

Haytham Nabilsi, GE 2375
Project Engineer

REGISTERED PROFESSIONAL ENGINEER — HAYTHAM NABILSI — No. 2375 — Exp. 12/31/06 — GEOTECHNICAL — STATE OF CALIFORNIA

Siddiq A. Siddiqui, GE 776
Principal Engineer

REGISTERED PROFESSIONAL ENGINEER — SID SIDDIQUI — Exp 9/30/05 — GEOTECHNICAL — STATE OF CALIFORNIA

Christopher M. Krall, CEG 1816, REA 05313
Engineering Geologist/Environmental Assessor

CERTIFIED ENGINEERING GEOLOGIST — CHRISTOPHER M. KRALL — No. CEG 1816 — Expires: 03-03-05 — STATE OF CALIFORNIA

REGISTERED ENVIRONMENTAL ASSESSOR — CHRISTOPHER KRALL — No. REA 05313 — Expires: 6-30-04 — STATE OF CALIFORNIA

Distribution: [3] Addressee

4 I

7265 Jurupa Avenue, Suite "E" • Riverside, California 92504 • Tel: (909) 688-2300 • Fax: (909) 688-1060
www.sidgeo.com, contact: info@sidgeo.com

1.0 SUMMARY

In summary, based on the findings of this environmental assessment, the likelihood of hazardous waste or petroleum product contamination existing on, or migrating onto the subject site is considered low.

ACCOMPANYING MAPS AND ILLUSTRATIONS

Figure 1 - Site Location Map

APPENDIX A - References
APPENDIX B - Site Photographs
APPENDIX C - Government Records Search

2.0 PURPOSE AND LIMITATION

This report presents the findings of our Preliminary Phase I Environmental Site Assessment conducted in accordance with our proposal and your written authorization. This report has been prepared in general conformance with applicable guidelines provided by various professional societies and institutions.

Our field reconnaissance of the site was performed on June 11, 2003. The field reconnaissance involved traversing the property in order to observe surficial soil conditions, generators or storage of hazardous materials, drainages, land use, vegetation, and any notable surface conditions which would indicate the presence of hazardous waste or petroleum product contamination on or near the site.

2.1 Purpose

The purpose of this investigation was to identify, to the extent feasible and pursuant to the processes presented herein, the presence or likely presence of hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water in connection with the property.

2.2 Special Terms and Conditions

The scope of work for this investigation included a field reconnaissance of the site and surrounding areas, record and document review, historic aerial photo review, and submittal of this report. Considering the open, vacant, and undeveloped condition of the property, personal interviews were not conducted.

Our findings relative to the observable site conditions are valid as of the date of our site visit, and historical research information is valid as of the dates specified.

2.3 Limitations and Exceptions of Assessment

This Phase I Environmental Site Assessment was performed using the degree of care and skill ordinarily exercised under similar circumstances by environmental professionals practicing in this or similar localities. No other warranty, expressed or implied, is made as to the conclusions and professional advice included in this report.

The conclusions presented in this report are professional opinions based solely upon visual observations of the site and vicinity, and our interpretation of the available historical information and documents reviewed, as described in this report. They are intended exclusively for the purpose outlined herein and at the site location and project indicated. This report is for the sole use of our Client and our Client's personnel. The scope of services performed in the execution of this investigation may not be appropriate to satisfy the needs of other uses, and any reuse of this document or the findings, conclusions or recommendations presented herein is at sole risk of said user(s).

It should be recognized that this study was not intended to be a definitive investigation of contamination, which may or may not be present at the subject site, as defined by our findings. Given that the scope of services for this investigation was limited, it is understood that any further investigation at the site is outside the scope of a Phase I Site Assessment.

Opinions and recommendations presented herein apply to site conditions existing at the time of our investigation and cannot necessarily apply to site changes of which we are not aware of, or have not had the opportunity to evaluate under separate contract. Changes in the conditions of this property may occur with time due to natural processes or the works of man on the subject site, or adjacent properties. Changes in applicable standards within the industry and at the regulatory agencies may also occur as a result of legislation, or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control. Historical research information is valid as of the dates specified. No soil/water sampling or testing was provided for this assessment. This report is intended to be used in its entirety; no excerpt may be taken to be representative of the findings of this investigation.

2.4 Limiting Conditions and Methodology Used

In preparing this report, we were provided information derived from secondary sources. We have made no independent investigation as to the accuracy or completeness of the information derived from these sources. We have assumed the information provided to us by our sources was accurate and complete.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The site is located at the southeast corner of Metz Avenue and Wilson Avenue in the City of Perris, Riverside County, California. The geographical relationship of the site and surrounding area is shown on our Site Location Map, Figure 1.

The site is bordered to the north by unimproved Metz Road and a trapezoidal channel followed by a residential area. Along the eastern boundary is the Perris Valley Storm Drain Channel. The channel is unlined, contains standing water and vegetation. To the south is an unlined trapezoidal channel, which is coincidental with the eastern extension of Dale Road. The western boundary is marked by Wilson Avenue, which is paved and improved and beyond Wilson Avenue single-family residences are present. Overhead utilities bearing north/south traverse through the center of the site and are aligned with Murrieta Road.

3.2 Site and Vicinity Characteristics

The subject property is located in an area of mixed use, residential and commercial/industrial. The property is open and vacant with no indications of previous development.

Property to the south is currently vacant beyond the unlined trapezoidal channel, which marks the southern boundary. To the north across the unimproved Metz Road easement rural residences exist. Beyond the Perris Valley Storm Drain Channel to the east the neighboring lot is open and vacant. To the west Wilson Avenue is paved and improved with single-family residences beyond.

Overhead utility lines traverse the center of the site bearing north/south and are aligned with Murrieta Road.

3.3 Observed Man-Made Features on the Site

No man made structures or other improvements were noted on-site with the exception of the drainage channels and overhead utilities previously discussed. Selected site photographs showing the physical condition of the property are provided in Appendix B of this report for your review.

3.4 Current Uses of Property

The site is currently open and vacant. No indications of recent development were noted, with the exception of the bordering drainage channels previously discussed.

3.5 Past Uses of Property

Based on our document search and aerial photograph review, the subject property has remained open and vacant dating back to at least 1948, and likely earlier. Several mature trees were noted during the period between 1974 and 1990. To our knowledge, the site has never supported commercial, industrial, or other development at any time.

3.6 Current and Past Uses of Adjoining Property

Since the 1940's the majority of the surrounding properties were either open, vacant land or used for dry land farming. Agriculture has also been present in the area since the 1970's on a small scale.

4.0 AERIAL PHOTOGRAPH REVIEW

The following information was collected by review of historical aerial photographs observed at the Riverside County Flood Control office. A complete list of the aerial photographs reviewed for this report is included in our References, Appendix A.

1948:

The site and surrounding vicinity is open and vacant. The site is partially plowed with no signs of vegetation. To the west the lot is plowed for weed abatement and a couple of farmhouses are present. The lot to the south contains a farmhouse and several trees along the southern boundary.

1962:

The site and surrounding vicinity is open and vacant. To the east, a drainage channel exists and to the west a couple of farmhouses are present on the far west side. To the south the lot is vacant with the southern boundary lined by trees on the edge of the road.

1974:

The site is vacant, open, and plowed. A few small trees are present locally. Agricultural crops are noted to the north and to the east a dry drainage channel exists which marks the eastern boundary.

1980:

Dry farmed crops are noted on-site. Utility poles now trend north/south along Murrieta road. The lot to the north contains agriculture crops and a couple of houses. To the west a housing development exists. The drainage to the east still appears dry.

1984:

The site is vacant with the exception of a few remaining trees and power poles. The lot to the south has been plowed and two houses are present. The drainage channel to the east appears dry.

1990:

Site is still vacant with the exception of the trees and utility poles. To the south the lot has been plowed and a few trees exist near the houses.

1995:

The trees are absent and the site is vacant. The lot to the north has been plowed and contains a large structure and a couple of smaller structures on the northwest side of the lot.

2000:

The site remains vacant. The lot to the south has been plowed and is also vacant.

5.0 RECORD AND DOCUMENT REVIEW

5.1 Government Records Search

For this investigation, Environmental Data Resources, Inc. (EDR) provided a search of government databases in accordance with the ASTM Standard (E 1527). The EDR report is presented in Appendix C for review.

5.2 Governmental Agency Findings

In summary, the target property was not included on any of the government environmental database lists searched for this assessment. Additionally, the properties or facilities immediately adjacent to the site were not included on any environmental databases searched.

Of the facilities listed with environmental concerns, none are considered to pose a significant environmental threat or hazard to the subject property, due to their condition, remedial status, or distant proximity.

5.3 Findings of Historic Maps

For this investigation, we reviewed the following historic maps of the property.

- 2,000-scale U.S.G.S. Perris Quadrangle Map, 7.5 Minute Series, 1967, Photorevised 1979.

The USGS map, which is used as a base for Figure 1, shows the property as open and vacant. The Perris Valley Storm Drain Channel is noted along the eastern property line and the surrounding properties are also shown as open and vacant.

5.4 Site Geology

The subject site is situated within a natural geomorphic province in southern California known as the Peninsular Ranges, which is bordered to the east by the Salton Trough, the north by the Transverse Ranges (San Bernardino, San Gabriel, and Santa Monica Mountains). The Peninsular Range province extends southerly to the Baja peninsula and westerly to the Pacific Ocean.

Structurally controlled elongated northwesterly-trending valleys and mountains, with elevated erosional surfaces characterize this province generally. The eastern portion of the province has been extensively uplifted by faulting and represents the highest and most rugged terrain. From the east, the province gradually descends to the west toward the Pacific Ocean.

The Peninsular Ranges are traversed by numerous northwest trending faults creating and subdividing the province into many sub-parallel, northwest trending ranges and valleys. The northwesterly trending mountains and valleys are flanked by regional faults, with many that remain active today, including the San Andreas, San Jacinto, and Elsinore Fault zones.

5.5 Groundwater Conditions

Seasonally, water flows along the ground surface within the Perris Valley Storm Drain, located at the eastern boundary of the site. The storm drain exists as an unimproved earthen channel, which feeds into the San Jacinto River, approximately 4 miles to the south.

Considering these hydrogeologic conditions, groundwater is likely shallow near the site. We anticipate the static groundwater table to occur at a depth ranging from 20 to 50 feet, and possibly higher, below the site.

The groundwater gradient is apt to be very flat, flowing slightly toward the San Jacinto River to the southeast.

6.0 INFORMATION FROM SITE RECONNAISSANCE

6.1 Hazardous Substance in Connection with Identified Uses

No hazardous substances in connection with identified uses were noted on or near the site during our field reconnaissance.

6.2 Hazardous Substance Containers and Unidentified Substance Containers

No hazardous substance containers or unidentified substance containers were noted on or near the property during our field reconnaissance, other than noted above.

6.3 Storage Tanks

No underground or above ground storage tanks were noted within the property or reported within the governmental databases reviewed.

6.4 Indications of PCB's

No pole mounted or surface electrical transformers were noted on or near the site in a compromised condition. No soil stains or other indications of past release were noted during our field reconnaissance. Additionally, no indication of PCB release or contamination was noted on-site or within the database search conducted for this report. Considering this information, the likelihood of PCB contamination is considered low.

6.5 Indications of Solid Waste Disposal

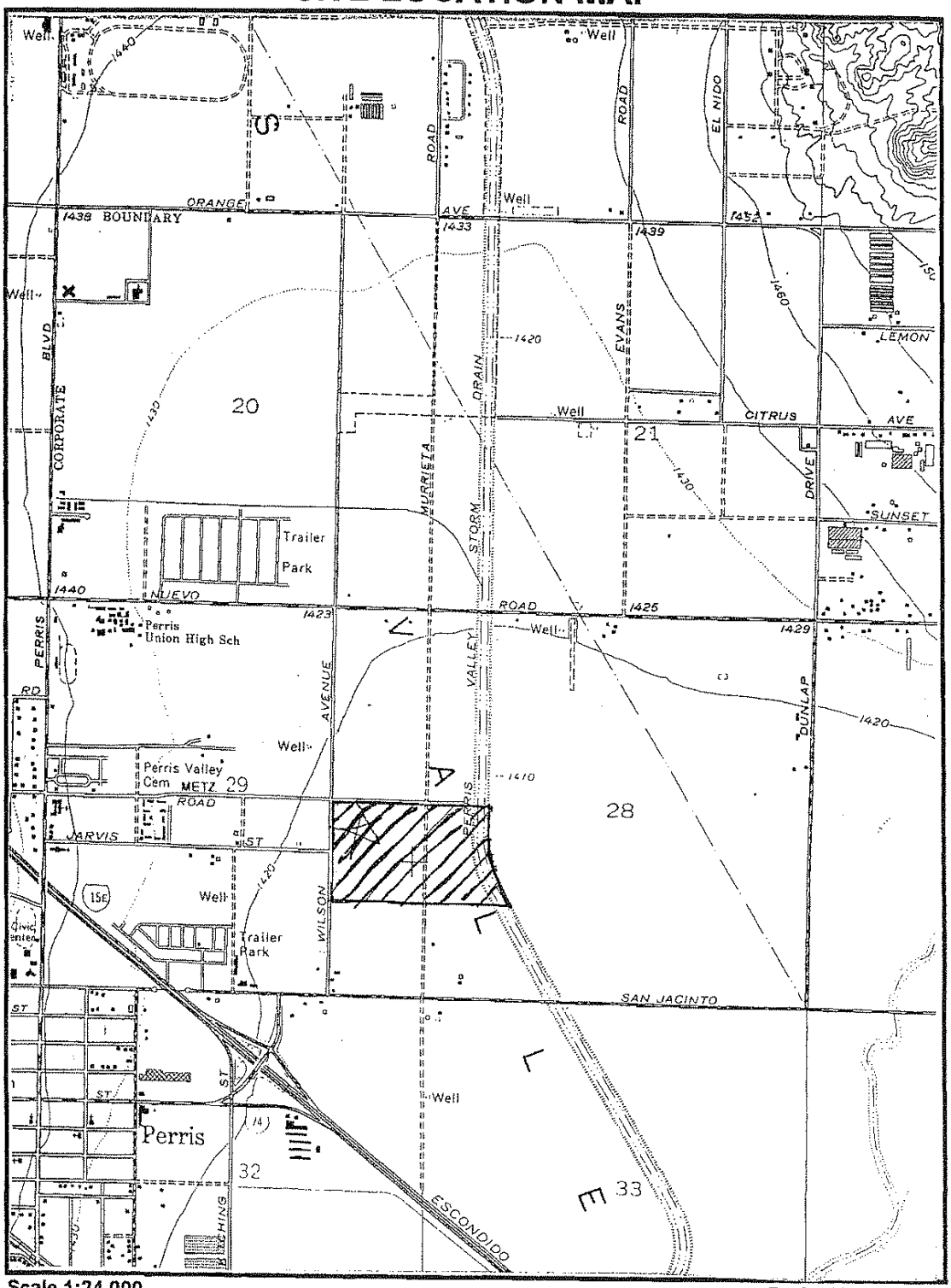
No obvious signs of significant solid waste disposal were noted during our site reconnaissance. The database search performed for this site indicated no record of solid waste disposal at or in the immediate vicinity of the subject site.

7.0 FINDINGS AND CONCLUSIONS

This Phase I Environmental Site Assessment has been performed to establish the potential of hazardous material or petroleum contamination on the site. Based on the findings of this investigation, it is our opinion, the likelihood of significant hazardous material or petroleum contamination existing on or migrating into the subject site from off-site sources is low.

In the event that potentially hazardous materials are discovered during subsequent site operations, SID Geotechnical, Inc. and the proper authorities should be notified immediately.

SITE LOCATION MAP



Scale 1:24,000

Project No. 796-01

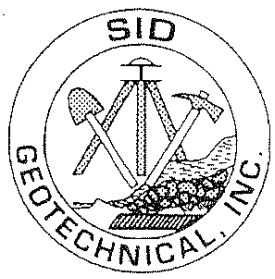
58 Acre Site
Southeast corner of Metz and Wilson Avenue
Perris, California

N

Source: USGS Perris Quadrangle, 1967 (Photorevised 1979)

Figure 1

APPENDIX A



REFERENCES

Avery, T.E., and Graydon, L.B., 1985, Interpretation of Aerial Photographs, MacMillan Publishing Co., New York, Fourth Edition, 554 pp.

California Division of Oil and Gas, 1982, "Oil & Gas Prospect Wells Drilled in California Through 1980", Publication TR-01, Second Edition 1982;

California Division of Oil and Gas, 1986, "Mahala Oil Field and Vicinity", Publication TR-18, by L.J. Olson.

California Division of Oil and Gas, 1988, "California Oil, Gas, and Geothermal Resources, An Introduction", Publication TR-03, Forth Edition 1988;

California Division of Oil and Gas, 1987, "Onshore Oil and Gas Seeps in California, Publication TR-26, Text by Susan F. Hodgeson.

Hart, E.W., 1994, "Fault Rupture Hazard Zones in California," California Division of Mines & Geology Special Publication 42, 25 pp.

Heath, Ralph C., 1987, "Basic Groundwater Hydrology", United States Geological Survey Water- Supply Paper 2220, Fourth Printing;

Jennings, C.W., 1975, Fault Map of California, California Division of Mines and Geology, Geologic Data Map No. 1;

Jennings, Charles, W, 1992, "Preliminary Fault Activity Map of California", California Division of Mines and Geology, Open File Report 92-03;

Aerial Photographs

SOURCE	DATE	PHOTO NO.	SCALE
Riv. Co. Flood Control	1-48	AXM-47	1"=20,000'
Riv. Co. Flood Control	1-28-62	1-44, 1-45	1"=20,000
Riv. Co. Flood Control	5-24-74	449, 450	1"=20,000'
Riv. Co. Flood Control	4-10-80	475, 476	1"=20,000'
Riv. Co. Flood Control	1-25-84	1100, 1101	1"=1600'
Riv. Co. Flood Control	1-9-90	9-28, 9-29	1"=1600'
Riv. Co. Flood Control	1-30-95	9-25, 9-24	1"=1600'
Riv. Co. Flood Control	3-18-00	9-26, 9-25	1"=1600'

LIST OF GOVERNMENT AGENCIES

For this investigation, we obtained database information from the following governmental agencies:

FEDERAL INFORMATION SYSTEMS

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

CERCLIS is the superfund database which contains information on all aspects of hazardous waste sites from initial discovery to listing on the National Priorities List. Information includes an inventory of sites, planned and actual site activities and financial information.

National Priorities List (NPL)

This is a list of CERCLA sites which are considered to pose an immediate threat to human health and the environment. This is rated by the EPA based on the Hazards Ranking Scoring System (HRS), which have scored a 28.5 or higher, and for which a remedial investigation and feasibility study will be performed.

Resource Conservation and Recovery Act (RCRA)

This is a national system for the tracking of events and activities related to facilities which generate, transport, and treat, store, or dispose of hazardous waste. This data set includes handler identification, permit application status, compliance monitoring and enforcement sensitive information. The information system is referred to as RCRIS.

Emergency Response Notification System (ERNS)

ERNS tracks the initial notification of reported oil and hazardous waste spills. The database contains many types of information regarding releases of oil and hazardous substances, including the following: discharger information, date of release, material and amount released, incident location, response action taken, etc.

STATE INFORMATION SYSTEMS

State Landfills/Sold Waste Disposal Sites (CA LANDFILL)

This database tracks the active and closed landfills and waste disposal sites reported by each state agency.

Leaking Underground Storage Tanks (CA LUST)

This state list tracks all reported leaks and releases from underground storage tanks. The majority of the incidents involve petroleum-dispensing facilities.

Registered Underground Storage Tanks (CA RUST)

This state information system tracks the known and permitted registered underground storage tanks. The majority of these sites involve petroleum-dispensing facilities.

State Superfund/Cleanup Sites (CA-SF)

This database lists state designated hazardous waste cleanup sites.

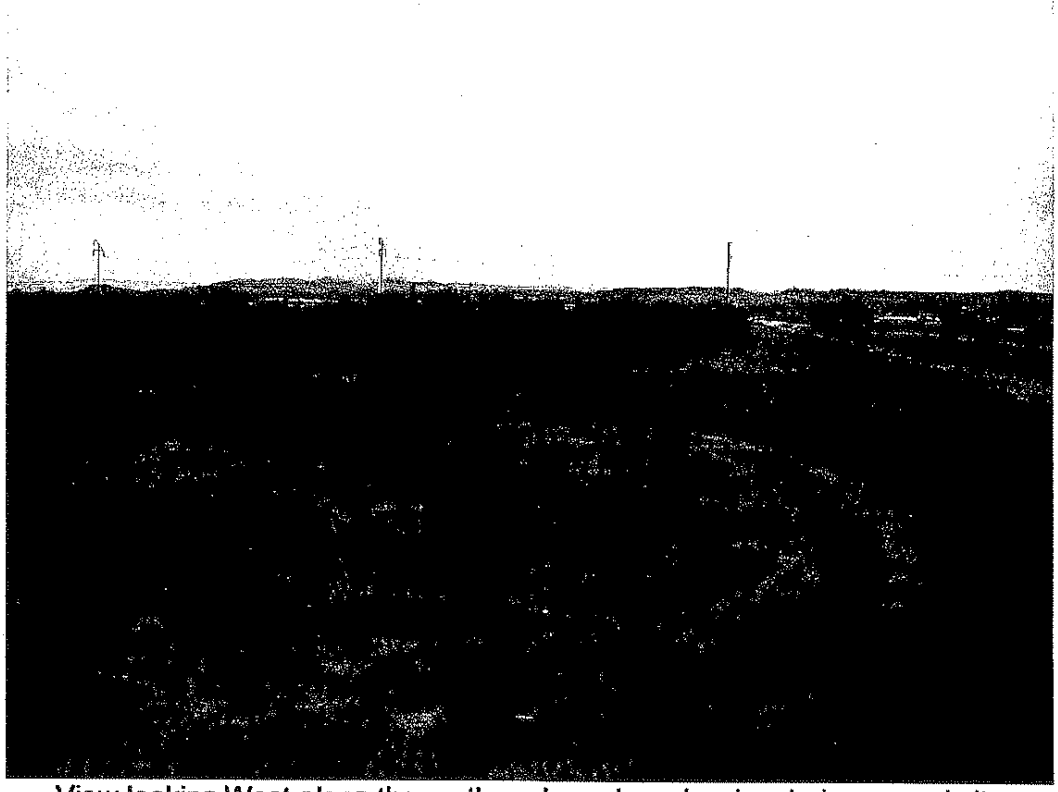
APPENDIX B



SELECTED SITE PHOTOGRAPHS



View looking north along Wilson Avenue showing site condition.

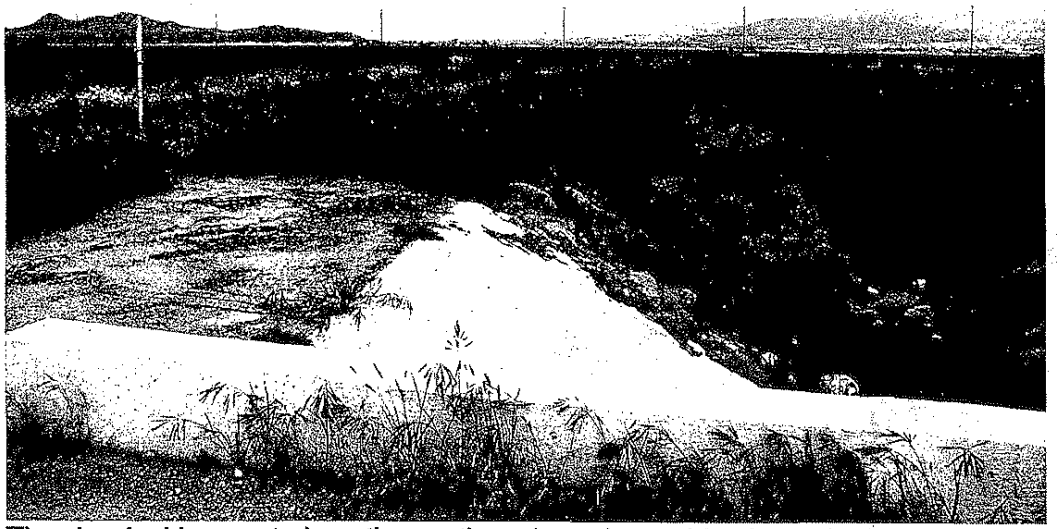


View looking West along the northern boundary showing drainage and site conditions.

SELECTED SITE PHOTOGRAPHS



View looking south along the eastern boundary showing site conditions and the Perris Valley Storm Drainage Channel.



The view looking east along the southern boundary, which is marked by an unlined trapezoidal channel with standing water and vegetation.

APPENDIX C



The EDR Radius Map™ Report

Perris 58
Murrieta Road
Perris, CA 92571

Inquiry Number: 0981736.1s

May 22, 2003

Environmental Data Resources, Inc.

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

FORM-MER

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

MURRIETA ROAD
PERRIS, CA 92571

COORDINATES

Latitude (North):	33.791900 - 33° 47' 30.8"
Longitude (West):	117.208300 - 117° 12' 29.9"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	480716.7
UTM Y (Meters):	3738908.2
Elevation:	1420 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2433117-G2 PERRIS, CA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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
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

EXECUTIVE SUMMARY

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
LUST	Leaking Underground Storage Tank Information System
CA BOND EXP. PLAN	Bond Expenditure Plan
UST	List of Underground Storage Tank Facilities
VCP	Voluntary Cleanup Program Properties
INDIAN UST	Underground Storage Tanks on Indian Land
CA FID UST	Facility Inventory Database
HIST UST	Hazardous Substance Storage Container 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
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
CLEANERS	Cleaner Facilities
CA WDS	Waste Discharge System
DEED	List of Deed Restrictions
NFA	No Further Action Determination
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
HAZNET	Hazardous Waste Information System

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas	Former Manufactured Gas (Coal Gas) Sites

BROWNFIELDS DATABASES

VCP	Voluntary Cleanup Program Properties

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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 12/31/2001 has revealed that there are 8 CHMIRS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	741 LA BONITA	1/4 - 1/2 W	1	6
Not reported	590 OCEAN AVE	1/4 - 1/2 NW	2	7
Not reported	490 HACIENDA	1/4 - 1/2 W	3	8
Not reported	1607 GLENVIEW	1/2 - 1 NNW	4	9
Not reported	1072 RUBY	1/2 - 1 W	5	10
Not reported	480 SOUTH REDLANDS BLVD	1/2 - 1 SW	6	12
Not reported	1474 HEIRLOOM	1/2 - 1 NW	7	13
Not reported	685 MARINER WAY	1/2 - 1 N	9	18

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 is 1 Cortese site within approximately 1 mile of the target property.

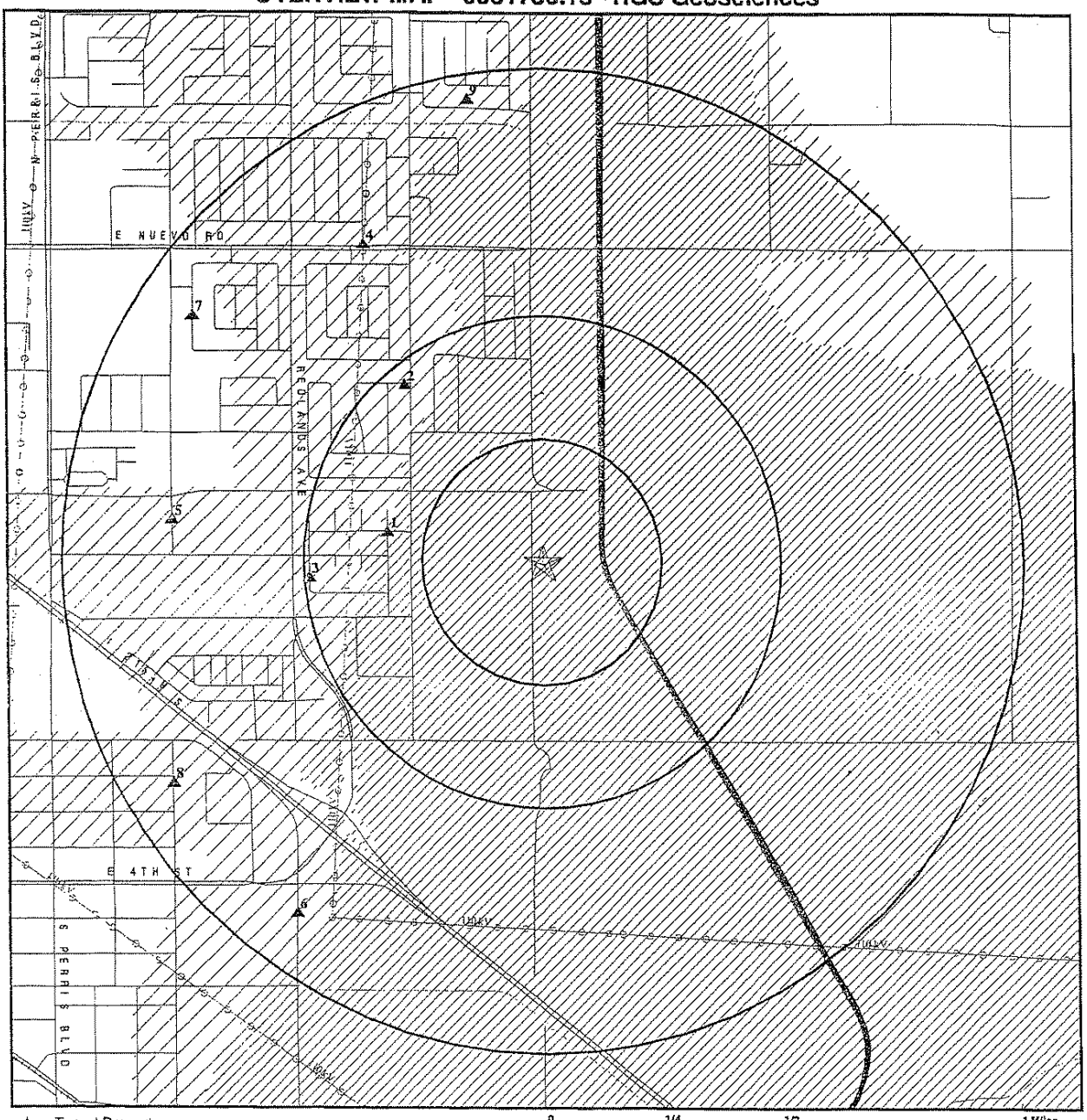
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GTE OF CALIFORNIA - PERRIS	***110 G ST***	***1/2 - 1 WSW***	***8***	***14***

EXECUTIVE SUMMARY

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

Site Name	Database(s)
ECOLOGY FARMS	SWF/LF
INLAND DENTAL GROUP OF PERRIS	HAZNET
NORTH ORANGE COAST PAINTING	RCRIS-SQG, FINDS
PERRIS INTAKE TOWER, PERRIS LAKE.	ERNS
SAN JACINTO RIVER NR: PERRIS CA	ERNS
EASTERN MWD, PERRIS VALLEY	FINDS

OVERVIEW MAP - 0981736.1s - RGS Geosciences

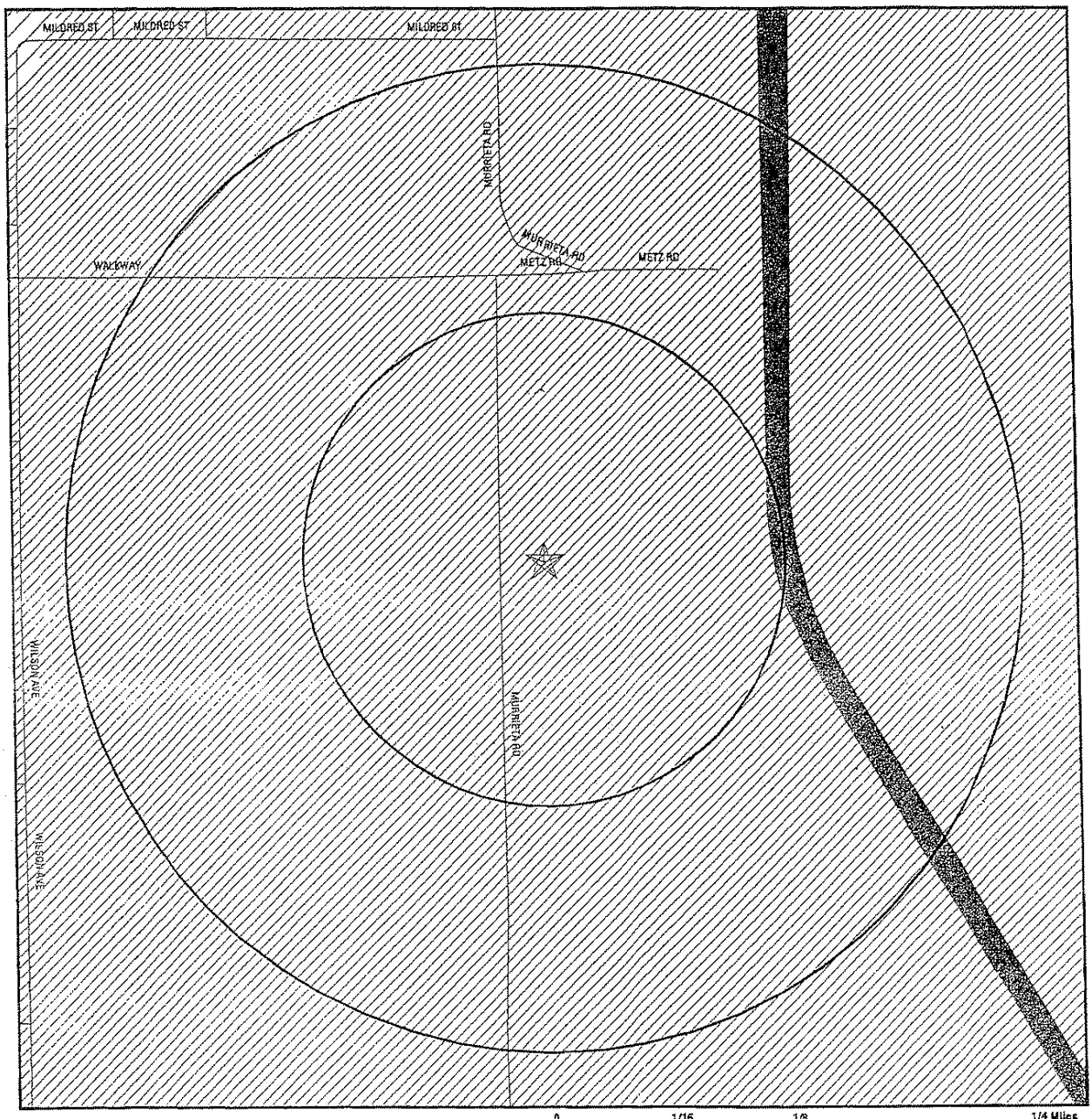


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Perris 58	CUSTOMER:	RGS Geosciences
ADDRESS:	Murrieta Road	CONTACT:	Christopher Krall
CITY/STATE/ZIP:	Perris CA 92571	INQUIRY #:	0981736.1s
LAT/LONG:	33.7919 / 117.2083	DATE:	May 22, 2003 6:23 pm

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DETAIL MAP - 0981736.1s - RGS Geosciences



- ★ 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:	Perris 58	CUSTOMER:	RGS Geosciences
ADDRESS:	Murrieta Road	CONTACT:	Christopher Krail
CITY/STATE/ZIP:	Perris CA 92571	INQUIRY #:	0981736.1s
LAT/LONG:	33.7919 / 117.2083	DATE:	May 22, 2003 6:23 pm

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/00
Database Release Frequency: Annually
Date of Last EDR Contact: 04/23/03
Date of Next Scheduled EDR Contact: 07/21/03

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: 04/15/03
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/24/03
Date of Next Scheduled EDR Contact: 06/23/03

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: 03/31/03
Date Made Active at EDR: 04/25/03
Database Release Frequency: Annually
Date of Data Arrival at EDR: 04/07/03
Elapsed ASTM days: 18
Date of Last EDR Contact: 04/07/03

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: 02/28/03
Date Made Active at EDR: 03/21/03
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/11/03
Elapsed ASTM days: 10
Date of Last EDR Contact: 03/11/03

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: 12/31/01
Date Made Active at EDR: 01/15/03
Database Release Frequency: Varies
Date of Data Arrival at EDR: 12/02/02
Elapsed ASTM days: 44
Date of Last EDR Contact: 02/24/03

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: 04/28/03

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: 04/21/03

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: 05/05/03

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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/14/03
Date Made Active at EDR: 04/04/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/17/03
Elapsed ASTM days: 18
Date of Last EDR Contact: 03/17/03

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.

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: 03/17/03

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: 04/16/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/16/03

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: 02/28/03
Date Made Active at EDR: 04/04/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/05/03
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/05/03

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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/18/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/05/03
Date of Next Scheduled EDR Contact: 08/04/03

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: 03/18/02
Database Release Frequency: Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 03/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/24/03
Date of Next Scheduled EDR Contact: 06/23/03

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: 04/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

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: 03/18/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

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: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

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: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/11/03
Date of Next Scheduled EDR Contact: 06/02/03

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: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 12/02/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/28/03
Date of Next Scheduled EDR Contact: 07/28/03

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 11/26/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/28/03
Date of Next Scheduled EDR Contact: 07/28/03

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: 06/05/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/03/03
Date of Next Scheduled EDR Contact: 06/02/03

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/28/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/28/03
Date of Next Scheduled EDR Contact: 08/11/03

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: 03/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 03/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/20/03
Date of Next Scheduled EDR Contact: 05/19/03

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 03/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

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: 02/24/03
Date of Next Scheduled EDR Contact: 05/26/03

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 02/25/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

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: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/27/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

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: 06/29/99
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: 03/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/05/03
Date of Next Scheduled EDR Contact: 08/04/03

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/31/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/31/03
Database Release Frequency: Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

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: 11/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/14/03
Date of Next Scheduled EDR Contact: 06/09/03

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/14/03
Date of Next Scheduled EDR Contact: 06/09/03

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: 03/14/03
Date of Next Scheduled EDR Contact: 06/09/03

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: 02/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/25/03
Date of Next Scheduled EDR Contact: 06/23/03

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).

Date of Government Version: 02/24/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/21/03
Date of Next Scheduled EDR Contact: 07/21/03

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 02/24/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/21/03
Date of Next Scheduled EDR Contact: 07/21/03

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 04/02/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/05/03
Date of Next Scheduled EDR Contact: 08/04/03

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: 11/05/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/05/03
Date of Next Scheduled EDR Contact: 08/04/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

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: 02/24/03
Date of Next Scheduled EDR Contact: 05/26/03

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.)

Date of Government Version: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/03
Date of Next Scheduled EDR Contact: 07/07/03

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/17/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/13/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/28/03
Date of Next Scheduled EDR Contact: 07/28/03

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: 05/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 04/28/03
Date of Next Scheduled EDR Contact: 07/14/03

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 01/08/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

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: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/20/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/28/03
Date of Next Scheduled EDR Contact: 07/28/03

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: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 02/24/03
Date of Next Scheduled EDR Contact: 05/26/03

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: 03/10/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

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: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

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.

Date of Government Version: 02/11/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 10/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 04/21/03
Date of Next Scheduled EDR Contact: 07/21/03

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: 02/24/03
Date of Next Scheduled EDR Contact: 05/26/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/15/03
Date of Next Scheduled EDR Contact: 07/14/03

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: 02/18/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

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: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

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: 04/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/03
Date of Next Scheduled EDR Contact: 07/07/03

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.

Date of Government Version: 04/10/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 01/24/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/07/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 03/31/03
Date of Next Scheduled EDR Contact: 06/30/03

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: 03/14/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/21/03
Date of Next Scheduled EDR Contact: 07/21/03

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: 03/10/03
Date of Next Scheduled EDR Contact: 05/26/03

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: 04/15/03
Date of Next Scheduled EDR Contact: 07/14/03

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: 02/18/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/03
Date of Next Scheduled EDR Contact: 05/19/03

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: 04/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/28/03
Date of Next Scheduled EDR Contact: 07/28/03

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: 03/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/03
Date of Next Scheduled EDR Contact: 07/07/03

SLIC REG 6L: SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 04/10/03
Database Release Frequency: Varies

Date of Last EDR Contact: 03/10/03
Date of Next Scheduled EDR Contact: 06/09/03

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/03
Date of Next Scheduled EDR Contact: 07/07/03

SLIC REG 7: SLIC List
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 03/01/03
Database Release Frequency: Varies

Date of Last EDR Contact: 02/28/03
Date of Next Scheduled EDR Contact: 05/26/03

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: 04/21/03
Date of Next Scheduled EDR Contact: 07/07/03

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: 03/03/03
Database Release Frequency: Annually

Date of Last EDR Contact: 03/03/03
Date of Next Scheduled EDR Contact: 06/02/03

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.

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STATE OF CALIFORNIA BROWNFIELDS DATABASES RECORDS

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: 02/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/03
Date of Next Scheduled EDR Contact: 06/02/03

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
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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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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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
FEDERAL ASTM STANDARD								
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
STATE ASTM STANDARD								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	3	5	NR	8
Cortese		1.000	0	0	0	1	NR	1
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	0	0	0	NR	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
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	0	0	NR	NR	NR	0
FEDERAL ASTM SUPPLEMENTAL								
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
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
STATE OR LOCAL ASTM SUPPLEMENTAL								
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
NFA		0.250	0	0	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		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
VCP		0.500	0	0	0	NR	NR	0

NOTES:

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	Site	MAP FINDINGS	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.

1
West
1/4-1/2
1741 ft.

741 LA BONITA
PERRIS, CA 27034

CHMIRS **S105650482**
N/A

Relative:
Higher

Actual:
1422 ft.

CHMIRS:

OES Control Number:	97-2446	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	drug lab waste		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	3
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	6/19/97

Time Completed :	Not reported
Physical State Stored :	Not reported
Physical State Released :	Not reported
Release Unit :	Not reported
Container Description :	Not reported
Container Type :	Not reported
Container Material :	Not reported
Level Of Container :	Not reported
Container Capacity :	Not reported
Container Capacity Units (code) :	Not reported
Extent Of Release (code) :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	97-2446
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

(Continued) **S105650482**

Waterway :	Not reported
Spill Site :	Residence
Cleanup By :	Contractor
Containment :	Yes
What Happened :	Drug lab found as a result of law enforcement investigation. No Release
Date/Time :	6/19/97 1431
Evacuations :	0
Type :	CHEMICAL
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

2
NW **590 OCEAN AVE** **CHMIRS** **S105671401**
1/4-1/2 **PERRIS, CA 27034** **N/A**
2431 ft.

Relative:
Higher

Actual:
1424 ft.

CHMIRS:

OES Control Number:	01-5834	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	Unknown		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Unknown
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	10/13/01
Time Completed :	Not reported		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	Not reported		
Agency Id Number :	Not reported		
Agency Incident Number :	Not reported		
OES Incident Number :	01-5834		
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		

(Continued) **S105671401**

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 :	Residence
Cleanup By :	Reporting Party
Containment :	Yes
What Happened :	A resident found yellow powder in mail box. She developed a rash and called the Fire Dept. The mail box was removed by the Post Office until the substance can be tested.
Date/Time :	10/13/01 1905
Evacuations :	0
Type :	UNSPECIFIED
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

3
West
1/4-1/2
2584 ft.

Relative:
Higher

Actual:
1424 ft.

490 HACIENDA
PERRIS, CA 27034

CHMIRS **S105661757**
N/A

CHMIRS:

OES Control Number:	99-1957	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	drug lab waste		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	220
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	5/5/99
Time Completed :	Not reported		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	Not reported		
Agency Id Number :	Not reported		
Agency Incident Number :	Not reported		
OES Incident Number :	99-1957		
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		

(Continued) **S105661757**

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 :	Residence
Cleanup By : Contractor	
Containment :	Yes
What Happened :	4 55-galion drums of illegal drug waste. 2 suspects had to be decontaimentated
Date/Time :	5/5/99 2105
Evacuations :	0
Type : CHEMICAL	
Other : Not reported	
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

---

4 **CHMIRS** **S105641928**
NNW **1607 GLENVIEW** **N/A**
1/2-1 **PARRIS, CA 27034**
3938 ft.

Relative: Higher

Actual: 1428 ft.

CHMIRS:

OES Control Number:	6753	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	pcp (drug)		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	1/16 gal.
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	Not reported
Time Completed :	Not reported		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	Not reported		

(Continued) **S105641928**

Agency Id Number :		Not reported
Agency Incident Number :		Not reported
OES Incident Number :		6753
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
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 :		YES
Waterway :	Not reported	
Spill Site :		RESIDENCE
Cleanup By :	fire dept. turned over to police	
Containment :		NO
What Happened :	suspect threw drug out of vehicle during police pursuit. chemicle landed in someones back yard0 and container busted.	
Date/Time :		1451 12 Feb. 95
Evacuations :		NO
Type :	CHEMICAL	
Other :	Not reported	
Chemical 1 :		Not Reported
Chemical 2 :		Not Reported
Chemical 3 :		Not Reported

5
West
1/2-1
4102 ft.

1072 RUBY
PERRIS, CA 0

CHMIRS **S105649903**
N/A

Relative:
Higher

Actual:
1434 ft.

(Continued) **S105649903**

CHMIRS:

OES Control Number:	97-3039	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	sewer water		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	20
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	7/31/97

Time Completed :	Not reported
Physical State Stored :	Not reported
Physical State Released :	Not reported
Release Unit :	Not reported
Container Description :	Not reported
Container Type :	Not reported
Container Material :	Not reported
Level Of Container :	Not reported
Container Capacity :	Not reported
Container Capacity Units (code) :	Not reported
Extent Of Release (code) :	Not reported
Agency Id Number :	Not reported
Agency Incident Number :	Not reported
OES Incident Number :	97-3039
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 :	Reporting Party
Containment :	Yes
What Happened :	A grease buildup in a manhole caused the relese. The clog has been cleared up
Date/Time :	7/31/97 1900

(Continued) S105649903

Evacuations :		0
Type :	SEWAGE	
Other :	Not reported	
Chemical 1 :		Not Reported
Chemical 2 :		Not Reported
Chemical 3 :		Not Reported

6
SW
1/2-1
4647 ft.

480 SOUTH REDLANDS BLVD.
PERRIS, CA 27034

CHMIRS S105648597 N/A

Relative:
Higher

Actual:
1423 ft.

CHMIRS:

OES Control Number:	97-4408	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	Hazardous Drug Lab Waste		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	2
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	11/7/97
Time Completed :		Not reported	
Physical State Stored :		Not reported	
Physical State Released :		Not reported	
Release Unit :		Not reported	
Container Description :		Not reported	
Container Type :		Not reported	
Container Material :		Not reported	
Level Of Container :		Not reported	
Container Capacity :		Not reported	
Container Capacity Units (code) :		Not reported	
Extent Of Release (code) :		Not reported	
Agency Id Number :		Not reported	
Agency Incident Number :		Not reported	
OES Incident Number :		97-4408	
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	

(Continued) **S105648597**

Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	No
Waterway :	Not reported
Spill Site :	Residence
Cleanup By :	Contractor
Containment :	Yes
What Happened :	Meth Lab was discovered in a 'Best Western' motel room by Sheriff's Deputy's.
Date/Time :	11/7/97 1329
Evacuations :	0
Type :	CHEMICAL
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

7
NW
1/2-1
4670 ft.

Relative:
Higher

Actual:
1432 ft.

1474 HEIRLOOM
PERRIS, CA 27034

CHMIRS **S105652011**
N/A

CHMIRS:

OES Control Number:	97-0885	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	Drug lab waste		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	25
Environmental Contamination:	None Reported	Property Use:	Not reported
Incident Date:	Not reported	Date Completed:	3/2/97
Time Completed :	Not reported		
Physical State Stored :	Not reported		
Physical State Released :	Not reported		
Release Unit :	Not reported		
Container Description :	Not reported		
Container Type :	Not reported		
Container Material :	Not reported		
Level Of Container :	Not reported		
Container Capacity :	Not reported		
Container Capacity Units (code) :	Not reported		
Extent Of Release (code) :	Not reported		
Agency Id Number :	Not reported		
Agency Incident Number :	Not reported		
OES Incident Number :	97-0885		
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		

(Continued) S105652011

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 :	Residence
Cleanup By :	Contractors
Containment :	Yes
What Happened :	Drug bust by Riverside SO, DOJ and Feds. All chemical were siezed within containers. Residences on both sides of drug house were evacuated.
Date/Time :	3/2/97 645
Evacuations :	0
Type :	CHEMICAL
Other :	Not reported
Chemical 1 :	Not Reported
Chemical 2 :	Not Reported
Chemical 3 :	Not Reported

8
WSW
1/2-1
4705 ft.

GTE OF CALIFORNIA - PERRIS
110 G ST
PERRIS, CA 92370

HAZNET S103622543
LUST N/A
Cortese

Relative:
Higher

Actual:
1433 ft.

State LUST:

Cross Street:	1ST STREET		
Qty Leaked:	Not reported		
Case Number	083300734T		
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	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	1/15/88		
Monitoring:	Not reported		
Close Date:	04/04/1989		
Release Date:	12/16/1987		
Cleanup Fund Id :	Not reported		
Discover Date :	12/12/1987		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	01/01/1988		
Funding:	Not reported		
Staff Initials:	UNK		

GTE OF CALIFORNIA - PERRIS (Continued) **S103622543**

How Discovered: OM
How Stopped: Not reported
Interim : Not reported
Leak Cause: Other Cause
Leak Source: Piping
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 : PAH
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : MILLER, MARK
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 04/04/1989
Stop Date : / /
Work Suspended :Not reported
Responsible PartyGENERAL TELEPHONE COMPANY
RP Address: P.O. BOX 725, CHINO, CA 91708
Global Id: T0606500077
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: 1ST STREET
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: PAH
Lead Agency: Local Agency
Local Agency: Riverside County Dept of Env. Health
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Qty Leaked: Not reported
County: Riverside
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: 04/04/1989
Cleanup Fund Id : Not reported
Discover Date : 1/1/65
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 01/01/1988

GTE OF CALIFORNIA - PERRIS (Continued) **S103622543**

Funding: Not reported
Staff Initials: UNK
How Discovered: OM
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.7854394 / -117.2219567
Leak Cause: Other Cause
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 #: Not reported
Operator : MILLER, MARK
Oversight Prgm : LOP
Priority : Not reported
Work Suspended : Not reported
Responsible Party: GENERAL TELEPHONE COMPANY
Well name: WELL 04 - AGRICULTURAL
Distance From Lust: 0
Waste Disch Global Id: W0606510029
MTBE Class: *
Waste Disch Assigned Name: 033/029-011
Case Type: S
Global ID: T0606500077
How Stopped Date: Not reported
Organization Name: Not reported
Contact Person: Not reported
RP Address: P.O. BOX 725, CHINO, CA 91708
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083300734T
Water System Name: PERRIS - CITY OF
Summary: Not reported

HAZNET:
Gepaid: CAD981575749
Tepaid: CAT000613927
Gen County: Riverside
Tsd County: San Bernardino
Tons: .1333
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: GTE CALIFORNIA, INC.
Telephone: (800) 331-8891
Mailing Address: PO BOX 725
CHINO, CA 91708 - 0725
County Riverside

GTE OF CALIFORNIA - PERRIS (Continued) **S103622543**

Gepaid: CAD981575749
Tepaid: CAT080013352
Gen County: Riverside
Tsd County: Los Angeles
Tons: 9.5910
Category: Tank bottom waste
Disposal Method: Recycler
Contact: GTE CALIFORNIA, INC.
Telephone: (800) 331-8891
Mailing Address: PO BOX 725
CHINO, CA 91708 - 0725
County Riverside

Gepaid: CAD981575749
Tepaid: CAD008302903
Gen County: Riverside
Tsd County: Los Angeles
Tons: .1042
Category: Unspecified aqueous solution
Disposal Method: Not reported
Contact: GTE CALIFORNIA, INC.
Telephone: (800) 331-8891
Mailing Address: PO BOX 725
CHINO, CA 91708 - 0725
County Riverside

Gepaid: CAD981575749
Tepaid: CAD008302903
Gen County: Riverside
Tsd County: Los Angeles
Tons: .2084
Category: Unspecified aqueous solution
Disposal Method: Transfer Station
Contact: GTE CALIFORNIA, INC.
Telephone: (800) 331-8891
Mailing Address: PO BOX 725
CHINO, CA 91708 - 0725
County Riverside

Gepaid: CAD981575749
Tepaid: CAD981696420
Gen County: Riverside
Tsd County: Los Angeles
Tons: .0417
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: GTE CALIFORNIA, INC.
Telephone: (800) 331-8891
Mailing Address: PO BOX 725
CHINO, CA 91708 - 0725
County Riverside

The CA HAZNET database contains 11 additional records for this site.
Please click here or contact your EDR Account Executive for more information.

CORTESE:
Reg Id: 083300734T
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	GTE OF CALIFORNIA - PERRIS (Continued)		**S103622543**
9 **North** **1/2-1** **5023 ft.**	**685 MARINER WAY** **PERRIS, CA 92370**	**CHMIRS**	**S100278536** **N/A**

Relative:
Higher

Actual:
1426 ft.

CHMIRS:

OES Control Number:	9120821	DOT ID:	9189
DOT Hazard Class:	Miscellaneous hazardous material		
Chemical Name:	HAZARDOUS WASTE NOS.		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	.5
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	03-DEC-91	Date Completed:	03-DEC-91

Time Completed :	400
Physical State Stored :	Liquid
Physical State Released :	Liquid
Release Unit :	Gallons
Container Description :	Not reported
Container Type :	Not reported
Container Material :	Not reported
Level Of Container :	Not reported
Container Capacity :	0
Container Capacity Units (code) :	Not reported
Extent Of Release (code) :	7
Agency Id Number :	33090
Agency Incident Number :	50324
OES Incident Number :	9120821
Time Notified :	157
Surrounding Area :	400
Estimated Temperature :	42
Property Management :	C
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 :	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 :	RON REYNOLDS F.C.
Report Date :	03-DEC-91
Comments :	Yes
Facility Telephone Number :	714 657-3183
Waterway Involved :	Not reported
Waterway :	Not reported
Spill Site :	Not reported
Cleanup By :	Not reported

Map ID Direction Distance Distance (ft.) Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
	(Continued)			**S100278536**
	Containment :	Not reported		
	What Happened :	Not reported		
	Date/Time :	Not reported		
	Evacuations :	Not reported		
	Type :	Not reported		
	Other :	Not reported		
	Chemical 1 :	Not Reported		
	Chemical 2 :	Not Reported		
	Chemical 3 :	Not Reported		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PERRIS	S103588033	ECOLOGY FARMS	GOETZ ROAD AT ETHANAC ROAD		SWF/LF
PERRIS	90178870	PERRIS INTAKE TOWER, PERRIS LAKE.	PERRIS INTAKE TOWER, PERRIS LAKE.		ERNS
PERRIS	S105725453	INLAND DENTAL GROUP OF PERRIS	2560 N PERRIS BLVD STE F1	92571	HAZNET
PERRIS	1005584645	EASTERN MWD, PERRIS VALLEY	PERRIS VALLEY	92571	FINDS
PERRIS	1005441390	NORTH ORANGE COAST PAINTING	RAMONA EXPY 1 MI E OF HWY 215	92571	RCRIS-SQG, FINDS
PERRIS	8714728	SAN JACINTO RIVER NR: PERRIS CA	SAN JACINTO RIVER NR: PERRIS CA		ERNS

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: 01/29/03
Date Made Active at EDR: 03/04/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/03
Elapsed ASTM days: 28
Date of Last EDR Contact: 05/09/03

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: 01/29/03
Date Made Active at EDR: 03/04/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/03
Elapsed ASTM days: 28
Date of Last EDR Contact: 05/05/03

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: 03/19/03
Date Made Active at EDR: 04/08/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 03/24/03

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: 03/19/03
Date Made Active at EDR: 04/08/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/24/03
Elapsed ASTM days: 15
Date of Last EDR Contact: 03/24/03

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/31/03
Date Made Active at EDR: 05/08/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/07/03
Elapsed ASTM days: 31
Date of Last EDR Contact: 03/10/03

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 04/18/03

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: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 04/28/03

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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/17/03
Date of Next Scheduled EDR Contact: 06/16/03

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/27/03
Date of Next Scheduled EDR Contact: 05/26/03

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: 12/12/02
Database Release Frequency: Annually

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

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: 10/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/12/03
Date of Next Scheduled EDR Contact: 08/11/03

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: 03/10/03
Date of Next Scheduled EDR Contact:,06/09/03

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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 03/25/03
Date of Next Scheduled EDR Contact: 06/23/03

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: 03/06/03
Date of Next Scheduled EDR Contact: 06/09/03

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: 04/15/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/24/03
Date of Next Scheduled EDR Contact: 06/23/03

ATTACHMENT 2
2013 PEA REPORT

PRELIMINARY ENVIRONMENTAL ASSESSMENT REPORT FOR:

PROPOSED PERRIS MIDDLE SCHOOL



prepared for:

PERRIS UNION HIGH SCHOOL DISTRICT

Contact:
Hector Gonzalez,
Facilities Project Manager

prepared by:

THE PLANNING CENTER|DC&E

Contact:
Denise Clendening, Ph.D., Director of Site Assessment Services

MARCH 2013

PRELIMINARY ENVIRONMENTAL ASSESSMENT REPORT FOR:

PROPOSED PERRIS MIDDLE SCHOOL



prepared for:

PERRIS UNION HIGH SCHOOL DISTRICT

Contact:
Hector Gonzalez, Facilities Project Manager

155 East Fourth St
Perris, CA 92570
Phone: 951.943.6369

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2850 Inland Empire Blvd, Suite B
Ontario, CA 91764
Phone: 909.989.4449
Fax: 909.989.4447

PUS-05.0

MARCH 2013

March 7, 2013

Christine Chiu, Project Manager
Department of Toxic Substance Control
School Property Evaluation and Cleanup Division
5796 Corporate Avenue
Cypress, California 909630

Subject: Preliminary Environmental Assessment Report for Perris Union High School District's Proposed Middle School

Dear Ms. Chiu:

Enclosed please find two hard copies and one electronic copy of the Preliminary Environmental Assessment (PEA) Report for the Perris Union High School District's proposed Middle School located in Perris, Riverside County, California. The Planning Center|DC&E is submitting the PEA report to the Department of Toxic Substances Control's School Property Evaluation and Cleanup Division for review as part of the ongoing assessment of the project site. Based on the PEA sampling results and a screening level human health risk assessment, there is no significant risk to human health, and no further action is recommended. If you have any questions, please call Denise Clendening at 909.989.4449 extension 200

Sincerely yours,

THE PLANNING CENTER|DC&E

Denise Clendening, Ph.D.
Director of Site Assessment Services

Michael Watson, PG 8177
Project Geologist

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This Preliminary Environmental Assessment (PEA) Report for the Proposed Perris Middle School (site), was prepared by The Planning Center|DC&E on behalf of Perris Union High School District (District) pursuant to the California Education Code which requires that all new school sites obtain a "No Further Action" (NFA) determination from the California Environmental Protection Agency Department of Toxic Substances Control (DTSC) prior to proceeding with acquisition and/or construction of a school.

Perris Union High School District plans on constructing a new middle school campus in the city of Perris in Riverside County, California (Figures 1 and 2). The approximately 26-acre project site is bounded by Wilson Avenue on the west, Patriot Lane on the north, vacant land on the south, and Murrieta Road on the east. The site was historically used for agricultural purposes. The site is currently vacant land that was rough graded for a proposed residential development in 2007. The rectangular shaped proposed school site is located within Tract 31240, which spans 59.3 acres and also extends south and east of the project site. The City of Perris approved development of Tract 31240 with 169 single-family residential units, 115 of which would have been on the project site. Much of the Tract site, including the proposed project site, was graded for the approved residential development; however, the houses were not built. In 2007 the developer placed between four to seven feet of fill material from the adjacent parcel on the site to raise the elevation so the site would no longer be in a 100-year flood zone. A flood control retention basin was built to the east of the site and the soil that was removed to construct the flood control basin was used as fill at the proposed school site.

Surrounding land uses consist of single-family residential uses to the west; Star View Elementary School, single-family residential use, and vacant land to the north and south. A flood control retention basin and park are located to the east across Murrieta Road.

The overall objectives of this PEA are to:

- Evaluate historical information for indications of the past use, storage, disposal, or release of hazardous wastes/substances at the site;
- Establish through a field sampling and analysis program the nature of hazardous wastes/substances that may be present in soil at the site, their concentration and general extent; and
- Estimate the potential threat to public health and/or the environment posed by hazardous constituents at the site using a residential land-use scenario.

Based on information developed during the PEA using the DTSC's PEA Guidance Manual (DTSC 1999), the DTSC will then make an informed decision regarding potential risks posed by the site.

The scope of investigation comprised a review of readily available agency files and an aerial photograph review of the site area.

Sampling was conducted to evaluate the potential presence of residual pesticides from historic agricultural use. The field sampling program implemented and the results are summarized below:

- Soil sampling activities were conducted at the site on February 12, 2013. A total of 109 soil samples plus duplicates were collected from 37 locations on the project site.
- A total of 18 composite soil samples (plus two composite duplicates) and one discrete soil sample were analyzed for organochlorine pesticides (OCPs) by Environmental Protection Agency (EPA) Method 8081A.

- Eighteen discrete soil samples (plus two duplicates) were analyzed for arsenic by EPA Method 6010B.

- OCP concentrations were below laboratory detection limits in all soil samples analyzed.

- Arsenic concentrations ranged from below laboratory detection limits to 3.3 milligrams per kilogram (mg/kg).

- The thickness of the fill encountered during this investigation varied from 1 to 4 feet in the rough-graded street areas and from 2.5 to 7 feet in the location of the rough-graded building pads.

- The preliminary human health risk screening showed chemical concentrations would not be a risk to human health or the environment. The site does not pose a risk to human health under an unrestricted, residential land use scenario;

- Laboratory data obtained were validated to assure that Data Quality Objectives (DQOs) were met and the data were suitable for use in a human health and ecological screening evaluation.

The results of the PEA support the following conclusions and recommendations:

Based on the PEA objectives, the environmental quality goals of the District, and the results of the PEA investigation, The Planning Center|DC&E has determined that no further assessment is needed on the site. Therefore, The Planning Center|DC&E recommends that the PEA be finalized. Per California Education Code Section 17213.1, The Planning Center|DC&E concludes that the PEA be approved and that no further assessment be required.

1. Introduction

This document presents a Preliminary Environmental Assessment (PEA) Report for the Proposed Perris Middle School located on Wilson Avenue in Perris, Riverside County, California (Figures 1 and 2). The approximately 26-acre project site is bounded by Wilson Avenue on the west, Patriot Lane on the north, vacant land on the south, and Murrieta Road on the east. The site was historically used for agricultural purposes. The site is currently vacant land that was rough graded for a proposed residential development in 2007. The rectangular shaped proposed school site is located within Tract 31240, which spans 59.3 acres and also extends south and east of the project site. The City of Perris approved development of Tract 31240 with 169 single-family residential units, 115 of which would have been on the project site. Much of the Tract site, including the proposed project site, was graded for the approved residential development; however, the houses were not built. Surrounding land uses consist of single-family residential uses to the west; Star View Elementary School, single-family residential use, and vacant land to the north and south. A flood control retention basin and park are located to the east across Murrieta Road.

Soil sampling was conducted to evaluate the potential presence of residual pesticides from historic agricultural use and to assess the imported fill. This PEA was prepared in accordance with the guidelines of the California Environmental Protection Agency Department of Toxic Substances Control (DTSC), as detailed in the PEA Guidance Manual (DTSC 1999).

1.1 PEA OBJECTIVES

The District has prepared this PEA pursuant to the California Education Code that now requires the completion of a Phase I Environmental Site Assessment (Phase I) or PEA, with DTSC oversight, for all new school sites that will receive state funding prior to proceeding with construction of a school.

The overall objectives of this PEA are to:

- Evaluate historical information for indications of the past use, storage, disposal, or release of hazardous waste/substances at the site;
- Establish through a field sampling and analysis program the nature of hazardous wastes/substances that may be present in soil at the site, their concentration and general extent; and
- Estimate the potential threat to public health and/or the environment posed by hazardous constituents, if any, at the site using a residential land-use scenario.

Based on information developed during the PEA and the conservative human and ecological risk evaluation set forth in the DTSC's Preliminary Endangerment Assessment Guidance Manual (DTSC 1999), the DTSC will then make an informed decision regarding potential risks posed by the site.

Possible outcomes of the PEA decision include, but are not limited to, the requirement for further investigation through the Remedial Investigation/Feasibility Study process if the site is found to be significantly impacted by hazardous substances release(s); the need to perform a Removal Action if localized impacts by hazardous substances release(s) are found; implementation of mitigation actions to address any potential risks; and an issuance of a "No Further Action" (NFA) finding if the site is found not to be significantly impacted and risks to human health and the environment are found to be within acceptable levels based on the conservative screening-level risk assessment.

1.2 SCOPE OF WORK

The scope of work implemented to prepare this PEA included:

- Researching available site background information regarding former and current land use;
- Implementing field and laboratory data collection and evaluation to further assess environmental conditions at the site; and
- Preparing this PEA report.

Several information sources were reviewed as part of the background research for development of this PEA report. These sources were reviewed to develop an understanding of current and past land uses and practices that may have involved the handling, use, storage, and/or disposal of hazardous substances or wastes. Information was obtained and used to develop a general site history in an attempt to identify potential sources of chemical impact, if any.

The approach utilized to perform the background research is very similar to that used in completing a Phase I under the American Society for Testing and Materials (ASTM) Practice for Environmental Site Assessments (ESAs): Phase I Assessments Process (ASTM Standard E 1527-05). Specific sources of information reviewed and activities performed by The Planning Center in conducting the background research included:

- Site inspections and observations of the site and surrounding area within ¼-mile (site photographs are included in Appendix A);
- Review of available aerial photographs (included in Appendix B);
- Review of current U.S. Geological Survey (USGS) 7.5-minute topographic maps (Appendix B);
- Evaluation of environmental database list searches for federal, state and local regulatory agencies (included in Appendix C);
- Review of agency files for listed facilities within ¼-mile of the site that were identified as having a potential to have impacted the site (included in Appendix C);
- Interviews with persons knowledgeable of site history and operations; and
- Collection and review of available applicable information from the District's files.

A sampling and analyses program was conducted to evaluate the potential presence of chemical constituents in soil beneath the site. The sampling program was conducted on February 12, 2013. The scope for the field and laboratory investigation is discussed in Section 6. The field-sampling program and the results are summarized below:

- Soil sampling activities were conducted at the site on February 12, 2013. A total of 109 soil samples plus duplicates were collected from 37 locations on the project site.
- A small stockpile of soil noted near the eastern side of the site near Murrieta Road was sampled.
- A total of 18 composite soil samples (plus two composite duplicates) and one discrete soil sample were analyzed for organochlorine pesticides (OCPs) by Environmental Protection Agency (EPA) Method 8081A.

- Eighteen discrete soil samples (plus two duplicates) were analyzed for arsenic by EPA Method 6010B.
- OCP concentrations were below laboratory detection limits in all soil samples analyzed.
- Arsenic concentrations ranged from below laboratory detection limits to 3.3 milligrams per kilogram (mg/kg).
- The thickness of the fill encountered during this investigation varied from 1 to 4 feet in the rough-graded street areas and from 2.5 to 7 feet in the location of the rough-graded building pads.
- The preliminary human health risk screening showed chemical concentrations would not be a risk to human health or the environment. The site does not pose a risk to human health under an unrestricted, residential land use scenario;
- Laboratory data obtained were validated to assure that Data Quality Objectives (DQOs) were met and the data were suitable for use in a human health and ecological screening evaluation.

1.3 PEA REPORT FORMAT

This PEA Report is organized in general accordance with the format presented in Chapter 3 of the DTSC's PEA Guidance Manual. This PEA Report contains the following sections:

- Section 1 presents an Introduction and Summary of PEA Objectives and PEA Report Format;
- Section 2 presents a Site Description of the proposed school site;
- Section 3 includes Site History and Background Information;
- Section 4 defines the Apparent Problem;
- Section 5 contains a description of the Site Environmental Setting;
- Section 6 presents a discussion of Sampling Activities and Results;
- Section 7 includes the Human Health Screening Evaluation Statement;
- Section 8 presents the Ecological Screening Evaluation Statement;
- Section 9 includes a summary of Quality Assurance Project Plan (QAPP) measures;
- Section 10 describes Health and Safety Plan (HASP) implementation;
- Section 11 summarizes variances from the proposed sampling plan;
- Section 12 presents a discussion of Applicable or Relevant Laws and Regulation Pertaining to School Sites;
- Section 13 presents Conclusions and Recommendations of the PEA; and

- Section 14 lists References cited in the document.

The appendices to this PEA Report include:

Appendix A – Site Photographs;

Appendix B – Research Documentation;

Appendix C – Environmental Database Search Report;

Appendix D – Health and Safety Plan;

Appendix E – Laboratory Reports and Boring Logs;

Appendix F – Quality Assurance Project Plan

1.4 PUBLIC PARTICIPATION

Per Assembly Bill (AB) 972, prior to the commencement of the proposed PEA sampling, the public that was within the line of site was notified of the planned investigation activities. The PEA will be made available for public review and comment when the PEA is submitted to the DTSC for review. An independent public hearing will be conducted for the PEA (Option A under AB 972) that will be advertised in the local newspaper. Upon completion of the 30-day public review and public hearing, a letter will be sent to the DTSC from the District outlining the public notification process including the date of the public hearing and the dates of the 30-day public review.

2. Site Description

This section describes the location and ownership of the site as well as other pertinent details required by DTSC regarding the specifics of the site descriptions. The approximately 26-acre project site is bounded by Wilson Avenue on the west, Patriot Lane on the north, vacant land on the south, and Murrieta Road on the east. The site is located in Perris, Riverside County, California (Figure 1). Metz Channel passes east–west along the northern side of Patriot Lane (Figure 2). Interstate 215 (called I-215, Escondido Freeway, or CDF Firefighter John D. Guthrie Memorial Highway) and State Route 74 are about a half mile southwest of the site.

2.1 DESCRIPTION AND LOCATION

2.1.1 Site Name

The site has been identified by the District as Proposed Perris Middle School.

2.1.2 Site Address

An address for the site is has not been assigned.

2.1.3 Designated Contact Person

Hector Gonzalez, Facilities Project Manager, is the Contact Person designated by the District.

2.1.4 Mailing Address

The mailing address for the project designated by the District is:

Perris Union High School District
155 East Fourth Street
Perris, CA 92570

2.1.5 Telephone Number

The telephone number for Hector Gonzalez is 951-943-6368.

2.1.6 Other Site Names

No other site names were identified by the District.

2.1.7 U.S. Environmental Protection Agency (USEPA) Identification Number

Based on a review of the regulatory database search report and contacts with regulatory agencies, discussed further below, the site has not been issued a USEPA Identification Number.

2.1.8 Envirostor Number

The DTSC has assigned the Envirostor Number of 60001855 for the proposed school site.

2.1.9 Assessor's Parcel Number(s)

Based on the Riverside County Land Information Service website, the subject site is located within Assessor's Parcel Numbers (APNs) 311-490-001 through -033, 311-491-001 through -022, 311-500-001

through -007, 311-501-001 through -022, and 311-502-001 through -031. The site is located within Tract 31240.

2.1.10 Township, Range, Section and Meridian

Based on the USGS 7½-Minute Topographic Series, Perris, California Quadrangle Map (USGS 1979), the site is located in Riverside County at 33.7926° north latitude and 117.2108° west longitude, in a portion of Section 29 of Township 4 South, Range 3 West of the San Bernardino Base Line and Meridian.

2.1.11 Site Zoning

According to the Perris Zoning Map (2009), the site is currently zoned as R-6,000 Residential.

2.1.12 Site Maps and Photographs

A vicinity map depicting the site and surrounding area is included as Figures 1 and 2, respectively. Site photographs are included in Appendix A.

3. Site History and Background Information

3.1 CURRENT AND HISTORICAL LAND USES

3.1.1 Property Ownership

The site is owned by the District.

3.1.2 Facility Ownership/Operators

The site has been used for agricultural purposes from the 1950s through the 1970s. The district currently owns the site.

3.1.3 Business Type

The site was used for agriculture from the 1950s through the 1970s. No structures were identified as having been located historically or currently on the site. In 2007 the developer placed between four to seven feet of fill material from the adjacent parcel on the site to raise the elevation so the site would no longer be in a 100-year flood zone. A park and flood control retention basin were built to the east of the site and the soil that was removed to construct the park and flood control retention basin was used as fill at the proposed school site. The borrow location had a similar land use history of agriculture during the 1950s through the 1970s. The site was rough graded in 2007 for the proposed residential development that did not occur.

3.1.4 Years of Operation

The site was used for agriculture from the 1950s through the 1970s. No structures were identified as having been located historically or currently on the site. In 2007 the developer reportedly placed between four to seven feet of fill material from the adjacent parcel on the site to raise the elevation so the site would no longer be in a 100-year flood zone. A park and flood control retention basin were built to the east of the site and the soil that was removed to construct the park and flood control retention basin was used as fill at the proposed school site. The borrow location had a similar land use history of agriculture during the 1950s through the 1970s. The site was rough graded in 2007 for the proposed residential development that did not occur.

3.1.5 Business/Manufacturing Activities

The site was used for agriculture from the 1950s through the 1970s. Based on a review of historical documents, no manufacturing activities have occurred on the site.

3.2 SURROUNDING PROPERTY LAND USES

At the time of the site inspection by The Planning Center|DC&E, surrounding land was observed to be vacant or used primarily for residential and educational. In general, prominent adjoining land uses are as follows:

North: Metz Channel is to the north of Patriot Lane, followed by residences along Wilson Avenue and Starview Elementary School along Murrieta Road.

East: Patriot Park and a flood control retention basin are located east of Murrieta Road.

South: Vacant, rough graded land is located south of the site.

West: Residential dwellings are located west of the site, across Wilson Avenue.

Section 17213 of the California Education Code and Section 21151.8 of the California Public Resources Code prohibit construction of a school upon a current or former hazardous waste disposal site or solid waste disposal site. Based on site inspections and information reviewed for preparation of this PEA Report, the project site is not located on a current or former disposal site.

3.3 PAST USAGE OF THE SITE

Past usage of the site was assessed through a review of previous reports, aerial photographs, topographic maps, and site interviews. Copies of historical references reviewed and agency records are included in Appendix B.

The proposed school site was used for agriculture from the 1950s through the 1970s. No structures were identified as having been located historically or currently on the site. In 2007 the developer reportedly placed between four to seven feet of fill material from the adjacent parcel on the site to raise the elevation so the site would no longer be in a 100-year flood zone. A park and flood control retention basin were built to the east of the site and the soil that was removed to construct the park and flood control retention basin was used as fill at the proposed school site. The borrow location had a similar land use history of agriculture during the 1950s through the 1970s. The site was rough graded in 2007 for the proposed residential development that did not occur.

3.3.1 Aerial Photographs

Aerial photographs obtained from Environmental Data Resources Inc (EDR) for the years 1938, 1953, 1967, 1976, 1990, 2002, 2005 and 2006 were reviewed for the subject site. Copies of the aerial photographs are included in Appendix B.

- 1938 – The subject site appears to be vacant land. No structures or row crops are seen.
- 1953 – The subject site appears to be row crops.
- 1967 – The subject site has not changed significantly from the 1953 photo.
- 1976 – Row crops are no longer seen. The site appears to be vacant land.
- 1990 – The subject site has not changed significantly from the 1976 photo.
- 2002 – The subject site has not changed significantly from the 1985 photo.
- 2005 – The subject site has not changed significantly from the 2002 photo.
- 2006 – The subject site has not changed significantly from the 2005 photo.

3.3.2 Historical Topographic Maps

Historical topographic maps obtained from EDR for the years 1901, 1943, 1953, 1967, 1973 and 1979, and were reviewed for the subject site. These historical maps do not depict any structures on the site. In addition, agricultural activities were not depicted. Copies of the topographic maps are included in Appendix B.

3.4 PAST USAGE OF ADJOINING PROPERTIES

Past usage of the adjoining properties was assessed through a review of aerial photographs and historical topographic maps. Copies of historical references reviewed are included in Appendix B.

Based on a review of historical aerial photographs and topographic maps, adjoining properties were generally vacant undeveloped land or used for similar dry land farming purposes until about 1976. Tract homes have been located to the west since about 1990. A park and flood control retention basin have been located to the east of the site since about 2007.

3.4.1 Aerial Photographs

Aerial photographs were obtained from EDR for the years 1938, 1953, 1967, 1976, 1990, 2002, 2005 and 2006 were reviewed for the subject site. A well was located north of the site since at least 1938. These historical aerial photographs indicate that adjoining properties were generally vacant undeveloped land or used for similar dry land farming purposes until about 1976. Tract homes have been located to the west since about 1990. Copies of the aerial photographs are included in Appendix B.

3.4.2 Historical Topographic Maps

Historical topographic maps were obtained from EDR for the years 1901, 1943, 1953, 1967, 1973 and 1979, and were reviewed for the subject site. These historical maps indicate that adjoining properties had no features of concern. In addition, agricultural activities were not identified on adjoining sites. Copies of the topographic maps are included in Appendix B.

3.5 HAZARDOUS SUBSTANCE/WASTE MANAGEMENT INFORMATION

3.5.1 Records Review

3.5.1.1 Agency Files

The Underground Service Alert (USA) website was accessed to request a list of utility companies in the vicinity of the subject property that may operate transmission lines. USA provided a list of seven companies, one of which was Southern California Gas Company (SCGC), which provides gas services to the site vicinity. No petroleum pipeline companies were identified in the response from USA. A letter was sent to the State Fire Marshal to evaluate what types of pipelines are in the area. The State Fire Marshal identified that there are no pipelines jurisdictional to the Fire Marshal in the vicinity of the site.

3.5.1.2 Site Owner/Operator Records

No records were reviewed.

3.5.1.3 Oil and Gas Map Review

A review of California Division of Oil, Gas and Geothermal Resources records is included in Appendix B. No oil or gas wells were identified within a half mile radius of the subject site.

3.5.2 Site Inspection Results

Site visits to observe site conditions were conducted by Michael Watson of The Planning Center|DC&E on January 11 and February 12, 2013. The Planning Center|DC&E also observed the exterior portions of

the property, including the property boundaries. No weather-related conditions or other conditions that would limit our ability to observe the site occurred during our site reconnaissance. During the implementation of the sampling program a small soil stockpile was noted on the northeast portion of the site. The soil stockpile did not appear to contain any construction materials or debris and looked to be similar in lithology to the fill material present on the site.

Summarized in the table below are observations relative to specific physical features identified in Section 2.3.2 of the PEA Guidance Manual and site photographs are included as Appendix A.

Physical Feature	*Observations*
Site boundaries:	Perris Union High School District plans on constructing a new middle school campus in the city of Perris in Riverside County, California (Figures 1 and 2). The approximately 26-acre project site is bounded by Wilson Avenue on the west, Patriot Lane on the north, vacant land on the south, and Murrieta Road on the east. The rectangular shaped proposed school site is located within Tract 31240, which spans 59.3 acres and also extends south and east of the project site. Surrounding land uses consist of single-family residential uses to the west; Star View Elementary School, single-family residential use, and vacant land to the north and south. A flood control retention basin and park are located to the east across Murrieta Road.
Locations and boundaries of all onsite operations (present and past):	Based on a review of historical aerial photographs and topographic maps, the proposed school site historically used for agricultural purposes. The site is currently vacant land that was rough graded for a proposed residential development in 2007. The City of Perris approved development of Tract 31240 with 169 single-family residential units, 115 of which would have been on the project site. Much of the Tract site, including the proposed project site, was graded for the approved residential development; however, the houses were not built.
Foundations of former structures:	None noted by The Planning Center|DC&E.
Storage tanks and storage areas:	None noted by The Planning Center|DC&E.
Odors:	None noted by The Planning Center|DC&E.
Pools of liquid:	None noted by The Planning Center|DC&E.
Electrical or hydraulic equipment known or likely to contain PCBs:	None noted by The Planning Center|DC&E.
Unidentified substance containers (including empty drum storage):	None noted by The Planning Center|DC&E.
Stained soil and pavement, corrosion, and degradation of floors and walls:	None noted by The Planning Center|DC&E.
Drains and Sumps:	None noted by The Planning Center|DC&E.
Pits, ponds, and lagoons:	None noted by The Planning Center|DC&E.
Surface drainage pathways:	None noted by The Planning Center|DC&E.
Stressed vegetation (from other than insufficient water):	None noted by The Planning Center|DC&E.
Solid waste and waste water:	None noted by The Planning Center|DC&E.
Wells (including dry wells, irrigation wells, injection wells):	None noted by The Planning Center|DC&E.
Septic systems:	None noted by The Planning Center|DC&E.
Overhead electrical lines:	Overhead electrical lines are located on the east perimeter of the site along Murrieta Road.
High-pressure gas or fuel transmission lines:	None observed by The Planning Center|DC&E.
Railroad tracks:	None observed by The Planning Center|DC&E.

3.5.3 Interviews

Interviews were conducted with Mr. Fred Good of Perris Union High School District in December 2012. Mr. Good indicated that he was not aware of any operations associated with the site that may be an environmental hazard. Mr. Good was aware of the former residential development plans for the site and the placement of the fill material to raise the site out of the flood plain.

3.5.4 Prior Assessments/Remediation

No prior assessment or remediation activities have been conducted at the site.

3.6 REGULATORY STATUS

The Planning Center|DC&E utilized the electronic database service EDR to complete the environmental records review. The database search was used to identify properties that may be listed in the referenced Agency records, located within the American Society for Testing and materials (ASTM)-specified search radii indicated below:

- NPL sites: 1 mile
- CERCLIS sites: 0.5 mile
- CERCLIS NFRAP sites Site and Adjoining
- Federal ERNS: Site only
- RCRA non-CORRACTS TSD facilities: 0.5 mile
- RCRA CORRACTS TSD facilities: 1 mile
- RCRA Generators: Site & Adjoining
- State Hazardous Waste Sites: 1 mile
- Registered Underground Storage Tanks: Site & Adjoining
- State Landfills and Solid Waste Disposal Sites: 0.5 mile
- State Leaking Underground Storage Tanks: 0.5 mile
- CHMIRS: 0.5 mile
- HAZNET: 0.25 mile

A review of selected regulatory agency databases for documented environmental concerns on the site, or in close proximity to the site, was conducted by EDR. A copy of the radius report, dated December 4, 2012 is included in Appendix C.

The subject site was not identified on any of the databases searched.

3.6.1 NPL Sites

The National Priorities List (NPL) is a list of contaminated sites that are considered the highest priority for cleanup by the EPA.

- The subject site is not listed on the NPL List.
- The database search did not identify any NPL sites within a one-mile radius of the subject site.

3.6.2 CERCLIS Sites

The Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) list identifies sites which are suspected to have contamination and require additional investigation to assess if they should be considered for inclusion on the NPL.

- The subject site is not listed on the CERCLIS List.
- The database search did not identify any CERCLIS sites within a one-half mile radius of the subject site.

3.6.3 CERCLIS-NFRAP Sites

CERCLIS-NFRAP status indicates that a site was once on the CERCLIS List but has No Further Response Actions Planned (NFRAP). Sites on the CERCLIS-NFRAP List were removed from the CERCLIS List in February 1995 because, after an initial investigation was performed, no contamination was found, contamination was removed quickly, or the contamination was not significant enough to warrant NPL status.



- The subject site is not listed on the CERCLIS-NFRAP List.
- The database search did not identify any CERCLIS adjacent to the subject site.

3.6.4 Federal ERNS List

The Federal Emergency Response Notification System (ERNS) list tracks information on reported releases of oil and hazardous materials.

- The subject site is not identified on the Federal ERNS list.

3.6.5 RCRA Non-CORRACTS TSD Facilities

The Resource Conservation and Recovery Act (RCRA) non-CORRACTS TSD Facilities List tracks facilities which treat, store, or dispose of hazardous waste and are not associated with corrective action activity.

- The subject site is not listed as a RCRA non-CORRACTS TSD facility.
- The database search did not identify any RCRA non-CORRACTS TSD facilities within a one-half-mile radius of the subject site.

3.6.6 RCRA CORRACTS TSD Facilities

The RCRA CORRACTS TSD Facilities list catalogues facilities that treat, store, or dispose of hazardous waste and have been associated with corrective action activity.

- The subject site is not listed as a RCRA CORRACTS TSD facility.
- The database search did not identify any RCRA CORRACTS TSD facilities within a one-mile radius of the subject site.

3.6.7 RCRA Generators

The RCRA Generator list is maintained by the EPA to track facilities that generate hazardous waste.

- The proposed school site is not listed as a RCRA Generator.
- The database search did not identify any RCRA Generator adjacent to the subject site.

3.6.8 State Sites and State Spill Sites

The Envirostor database, maintained by the DTSC, contains both known and potential hazardous substance sites. The database contains NPL, State Response, including Military Facilities, Voluntary Cleanup and School Sites.

- The project site is identified as a school site investigation on Envirostor with project number 60001855.
- The database search identified four State Sites or State Spill Sites within a one mile radius of the subject site. The four identified sites are all school sites. None of the following sites are expected to impact the site.
    - Wilson/Nuevo Elementary, located at the intersection of Wilson Avenue and Nuevo Road about 0.5 mile north of the site, was a school project. The case is currently inactive.
    - Proposed Clearwater Elementary School, located at 1644 Murrieta Road about 0.57 mile north of the site, was a proposed school project with historical agriculture that received a No Further Action determination in 2008.
    - Perris Union High School District, located at 175 East Nuevo Road about 0.82 mile northwest of the site, was a proposed school expansion project that received a No Further Action determination in 2002.
    - Community Day Expansion, located at the intersection of 7th Street and Redlands Avenue about 0.9 mile south-southwest of the site, was a proposed school project with historical agriculture that received a No Further Action determination in 2001.

3.6.9 Cortese List

The Cortese list database identifies hazardous waste sites selected for remedial action and underground storage tank (UST) properties having a reportable release and is maintained by the EPA/Office of Emergency Information.

- The subject site is not listed on the Cortese list.
- The database search did not identify any Cortese sites within a one-mile radius of the subject property.

3.6.10 Registered Underground Storage Tanks (USTs)

The State Water Resources Control Board's Underground Storage Tanks Database maintains a list of USTs that store hazardous substances.

- The subject site is not listed as having USTs.
- The database search did not identify any sites within a quarter-mile as having a registered UST.

3.6.11 State Leaking Underground Storage Tanks

The State Water Resources Control Board Leaking Underground Storage Tank Information System contains an inventory of Leaking Underground Storage Tank (LUST) Incident Reports.

- The subject site is not listed on the LUST list.
- The database search identified one LUST facility within a ½-mile radius of the subject site.
    - Shell Service Station, located at 490 E San Jacinto Avenue about 0.4 mile south-southwest of the site, was identified on the LUST list. The facility experienced a gasoline release that impacted groundwater. The facility is currently undergoing active remediation using soil vapor extraction. The plume has been defined and does not extend beyond Redlands Avenue. Monitored natural attenuation has been proposed for the site. Based on the distance from the site and topography, the facility is not expected to impact the site.

3.6.12 .

3.6.13 State Landfills and Solid Waste Disposal Sites

These records 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.

- The Envirostor and CalsSites database search did not identify any Solid Waste Disposal Site within a ½ mile radius of the subject site.

Section 17213 of the California Education Code and Section 21151.8 of the California Public Resources Code prohibit construction of a school upon a current or former hazardous waste disposal site or solid

waste disposal site. Based on site inspections and information reviewed for preparation of this report, the proposed school is not located on a current or former disposal site.

3.6.14 Clandestine Drug Labs

The Department of Toxic Substance Control provides a listing of illegal drug laboratories. DTSC conducts emergency removal actions at clandestine drug labs at the request of State and local law enforcement.

- The subject site is not listed on the Clandestine Drug Lab list.

3.7 ADDITIONAL RECORDS REVIEW

The following additional records were reviewed for the PEA.

3.7.1 Riverside County Databases

Riverside County Generator List, Disclosure List, Medical Waste Facility, Underground Storage Tank Sites, Well Investigation Program and Storage Tanks Cleanup Sites were searched by EDR. The LUST site at the Shell Service Station was identified and is undergoing remediation. The site is discussed in Section 3.6.11.

3.7.2 Sanborn Maps

EDR provided a Certified Sanborn Map Report for the proposed school site. Sanborn maps do not cover the project site. The report is included in Appendix C.

3.7.3 Proximity to Fuel Transmission Lines

The Underground Service Alert (USA) website was searched to request a list of utility companies in the vicinity of the subject property that may operate transmission lines. USA provided a list of seven companies, none of which were petroleum companies (Appendix B).

3.7.4 State of California Division of Oil and Gas Records

A review of California Division of Oil, Gas and Geothermal Resources records is included in Appendix B. No oil or gas wells were identified within a half mile radius of the subject site.

3.7.5 Water Well Locations

According to the California Department of Water Resources (2013), the closest well is located about 1,400 feet southwest of the site. The well, identified with State Well Number 04S03W29Q001S, was last measured on March 14, 1994 from a surface elevation of 1,417 feet above msl with a depth to water of 108.5 feet below ground surface (bgs) (CDWR 2013). According to the Spring 2008 Cooperative Well Measuring Program, the same well was last measured on May 5, 2008 with a depth to water of 51.20 feet bgs (SBVMWD/WMWD 2008).

4. Apparent Problem

There is no physical or historic evidence of any site activity that might have caused any environmental impact to the site. However, there are potential environmental issues evaluated in this PEA. There is a possibility of residual pesticides present in the soil due to historic agricultural operations and imported fill from the adjacent site.

Because the site is proposed as a school, there is a potential for children who attend the school and adult employees of the school to be exposed to chemicals that may be present in soil. Potential exposure may occur from soil ingestion, dermal exposure to soil, and inhalation of particles. The sampling that was conducted as part of this PEA was directed at addressing these potential chemicals of concern and these potential exposure pathways.

Because of the presence of the above-mentioned concerns, a PEA was initiated for the site.



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This section describes potential exposure pathways and the site geology and hydrogeology.

1.1 FACTORS RELATED TO SOIL EXPOSURE PATHWAYS

5.1.1 Site Topography

Topographically, the site is relatively flat with a gentle slope toward the southeast. Based on a review of the USGS 7.5-minute Topographic Series, Perris, California Quadrangle Map (USGS 1979), the surface elevation of the subject site is approximately 1,420 feet above mean sea level (msl). According to Leighton & Associates (2006), through the use of fill material, the site elevation has been raised by four feet to seven feet.

5.1.2 Site Geology

The proposed school site is located in the Perris Valley, in the northern part of the Peninsular Ranges Geomorphic Province. The Peninsular Ranges Geomorphic Province extends approximately 900 miles southward from the Los Angeles-Pomona-San Bernardino Basins to Baja California, Mexico and is characterized by elongated northwest-trending mountain ranges separated by sediment-floored valleys (Yerkes *et al.* 1965). The most dominant structural features of the province are the northwest-trending fault zones, most of which die out, merge with, or are terminated by the steep reverse faults at the southern margin of the San Gabriel-San Bernardino Mountains within the Transverse Ranges Geomorphic Province far to the north of the Site. The site is mostly underlain by late Holocene silty and clayey active valley deposits, with a strip of Holocene and late Pleistocene silty and sandy alluvial valley deposits on the west margin of the site (Morton 2003 and 2004).

5.1.3 Naturally Occurring Asbestos and Radon Gas

Based on review of *A General Location Guide for Ultramafic Rocks in California - Areas More Likely to Contain Naturally Occurring Asbestos* (Department of Conservation, Division of Mines and Geology, 2000), the site is not located within a ten-mile radius or downstream from an area thought to contain naturally occurring asbestos (NOA).
The Indoor Radon Abatement Act of 1988 directs the United States Environmental Protection Agency to identify and lists areas of the United States with the potential for elevated indoor radon levels. The U.S. EPA's Map of Radon Zones assigns one of three zone based on radon potential:

- Zone 1 counties have a predicted average indoor radon screening level greater than 4 pico curies per liter (pCi/L)
- Zone 2 counties with a predicted average indoor radon screening level between 2 and 4 pCi/L
- Zone 3 counties with a predicted average indoor radon screening level less than 2 pCi/L

California EPA Map of Radon maps the site as being in within Zone 2. The California Department of Health Services recommends action to be taken to reduce radon levels inside buildings if they are 4 piCi/L or greater.

5.1.4 Site Accessibility

The proposed high school is accessible from Wilson Avenue on the west, Patriot Lane on the north and Murrieta Road on the east.

5.1.5 Proximity to Nearby Receptors

Nearby receptors in the vicinity of the site include residential developments to the north, across Patriot Lane and west, across Wilson Avenue, and an elementary school is located to the north across Patriot Lane.

5.2 FACTORS RELATED TO WATER PATHWAYS

The following sections describe factors related to potential water pathways.

5.2.1 Groundwater Pathway

There are no known releases to the site, therefore, the potential for releases of hazardous substances from the site to the groundwater is considered negligible.

5.2.1.1 Site Hydrogeologic Setting

The nearest surface water is Metz Channel, a flood control channel located about 95 feet north of the site. Perris Valley Storm Channel, another flood control channel, is located about 660 feet east of the project site (USGS 1979). Based on surface topography, surface water at the project site generally flows southeast. During periods of sheet flow on the site, most of the surface water would drain towards Murrieta Road.

The subject site is located in the Perris North subbasin of the San Jacinto Groundwater Basin. Groundwater flow is expected to be toward the east based on groundwater contour maps from Wildermuth (2000). According to CDWR (2013), the closest well is located about 1,400 feet southwest of the site. The well, identified with State Well Number 04S03W29Q001S, was last measured on March 14, 1994 from a surface elevation of 1,417 feet above msl with a depth to water of 108.5 feet below ground surface (bgs) (CDWR 2013). According to the Spring 2008 Cooperative Well Measuring Program, the well was last measured on May 5, 2008 with a depth to water of 51.20 feet bgs (SBVMWD/WMWD 2008).

The site obtains potable water from the Eastern Municipal Water District. Federal Emergency Management Agency (FEMA 2008) reports that the site is located within a 100-year flood zone. In a 100-year flood, the site would be impacted by flooding to a depth of 2 feet above ground surface (FEMA 2008). However, the site elevation has been raised by four feet with artificial fill, so the site is no longer within a 100-year flood zone (Leighton & Associates 2006). No evidence of recent flooding on the site was observed during the field reconnaissance. Sheet flow runoff on the site would be expected during periods of intense or prolonged precipitation that would flow towards the southeast.

5.2.1.2 Impacted Aquifers from Site Releases

There are no known site releases.

5.3 FACTORS RELATED TO AIR PATHWAYS

There are no known releases to the site, therefore the potential for releases of hazardous substances from the site to the atmosphere is considered negligible. The Western Regional Climate Center collected climatic data in Sun City from 1973 to 2005. The mean temperature in the area ranges from a low of 34.5° Fahrenheit (°F) in the winter to a high of 98.0°F in the summer, though extremes of 14°F and 115°F have been recorded. The average annual precipitation is 11.22 inches per year.

6. Sampling Activities and Results

This section describes methods and results of the soil sampling activities conducted at the site on February 12, 2013. A total of 109 soil samples plus 12 duplicates were collected from 37 locations on the project site. Figure 3 shows the sampling locations for the project area. Table 1 provides a summary of the sampling and analysis program. Table 2 provides sample depths and fill thickness. The Health and Safety Plan used for the site is included in Appendix D.

- Soil sampling activities were conducted at the site on February 12, 2013. A total of 109 soil samples plus duplicates were collected from 37 locations on the project site.

- A total of 18 composite soil samples (plus two composite duplicates) and one discrete stockpile soil sample was analyzed for organochlorine pesticides (OCPs) by Environmental Protection Agency (EPA) Method 8081A.

- Eighteen discrete soil samples (plus two duplicates) were analyzed for arsenic by EPA Method 6010B.

During the implementation of the sampling program a small soil stockpile was noted on the northeast portion of the site. The soil stockpile did not appear to contain any construction materials or debris and looked to be similar in lithology to the fill material present on the site. A soil sample was collected from the stockpile and analyzed for OCPs.

6.1 UTILITY CLEARANCE

Prior to commencement of field activities, USA was notified of our intent to conduct subsurface investigations at least 48 hours prior to initiation of intrusive field tasks. USA contacted all utility owners of record within the site vicinity and notified them of our intention to conduct subsurface investigations in proximity to buried utilities. All utility owners of record, or their designated agents, were expected to clearly mark the position of their utilities on the ground surface throughout the area designated for investigation.

6.2 SOIL SAMPLING PROCEDURES

Soil samples were collected on the 26-acre project area at 36 locations to address the historical agricultural use. Soil samples were collected from within the approximate middle of the fill material, and from below the contact with native soil, and 2.5 to 3 feet below the contact with native soil. The sampling locations are shown on Figure 3. A summary of the sampling plan is included as Table 1, and sample depths and fill thickness is shown on Table 2.

A total of 18 composite samples (plus two composite duplicates) and one discrete sample were analyzed for organochlorine pesticides by EPA Method 8081A. Eighteen discrete surface samples (plus two duplicates) were analyzed for arsenic by EPA Method 6010B.

6.2.1 Sampling Methods and Procedures

Soil samples were collected on the project area at 36 sample locations to address the potential for residual pesticides associated with historical agricultural use. Sampling was conducted in general accordance with the guidelines provided by the DTSC in *Interim Guidance for Sampling Agricultural Properties (Third Revision) (DTSC 2008).*

Soil sampling was conducted using a truck-mounted direct push drill rig (Geoprobe™). The Geoprobe™ rig advanced acetate lined sample core barrel sleeves to desired depths using a hydraulic ram or

pneumatic hammer system. The inside diameter of the core barrel was 1.5 to 2.0 inches. The sample barrel was retrieved and the sample interval was observed, logged and preserved.

Observations pertaining to the soil type were described by a field geologist. Soil samples were preserved by placing Teflon™ sheeting and polyethylene caps leaving no headspace, and wrapping the samples with Parafilm™ tape or placing them in sealable plastic bags. Each sample was labeled with the sample number, sample depth, and the date and time sampled. Samples were immediately placed in an ice-filled cooler and listed on a chain-of-custody form. Any observation pertaining to potential soil contamination or soil source was recorded. Observations pertaining to the soil type were recorded by a field geologist and representative boring logs are included in Appendix E. The chain-of-custody form is included in Appendix E.

6.3 QUALITY CONTROL SAMPLING PROCEDURES

Field quality control samples associated with the sampling program included duplicate soil samples, equipment blanks, and soil matrix spike/matrix spike duplicate (MS/MSD) samples, in accordance with the DTSC PEA Guidance Manual (DTSC 1999). Duplicate soil samples were collected and analyzed. MS/MSD samples were conducted in accordance with the DTSC PEA Guidance Manual to assess the matrix effects of site soils on the recovery of constituents present in the soil (DTSC 1999).

6.4 DECONTAMINATION PROCEDURES

All equipment that came into contact with the soil was decontaminated consistently to assure the quality of samples collected. Decontamination was conducted prior to and after each use of a piece of equipment. All sampling devices used were decontaminated using the following procedures:

- Non-phosphate detergent and distilled water wash, using a brush;
- Initial deionized/distilled water rinse; and
- Final deionized/distilled water rinse.

6.5 INVESTIGATIVE-DERIVED WASTE MANAGEMENT

All investigative-derived waste was disposed of in accordance with the Office of Emergency and Remedial Response Directive 9345.3-02 (1991). Used personal protection equipment (PPE) were double bagged and placed in a municipal refuse dumpster.

6.6 ANALYTICAL RESULTS

Organochlorine pesticide results were nondetect in all samples analyzed. Arsenic results in soil are summarized in Table 3. Laboratory summary reports for all analytes are included in Appendix E.

6.7 DISCUSSION OF RESULTS

6.7.1 Soil Description

The fill soils encountered at the proposed middle school site consisted of medium dense to dense, brown to light brown to pink silty sand and silt with sand. The thickness of the fill encountered during this investigation varied from 1 to 4 feet in the rough-graded street areas and from 2.5 to 7 feet in the rough-graded building pads. The native soils encountered at the proposed middle school site consisted

of medium dense to dense dark gray to brown to strong brown silty sand, and silt with or without gravel. No odors or staining were observed by the field geologist. Boring logs are included in Appendix E.

6.7.1.1 Organochlorine Pesticides

OCP concentrations were below laboratory detection limits in all samples analyzed. Samples were analyzed by EPA Method 8081A. Complete laboratory results are included in Appendix E.

6.7.1.2 Arsenic

Arsenic concentrations ranged from nondetect to 3.3 mg/kg. Four out of 18 discrete soil samples analyzed for arsenic were nondetect. All 18 discrete soil samples (plus two duplicates) were analyzed by EPA Method 6010B (Table 3). The detection limit for arsenic was below the DTSC's risk management level of 12 mg/kg used for school sites in southern California.



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7. Human Health Screening Evaluation

A human health screening assessment was conducted to evaluate the potential threat to human health at the proposed school site. The established PEA screening process was used to determine if there are levels of contamination at the site that may cause a concern about effects on human health. The purpose of the human health risk screening evaluation was to assess whether levels of contaminants in soil at the site could pose a threat to human health under conservative (health-protective) exposure assumptions. The PEA requires a residential land use scenario regardless of current use and zoning.

7.1 CONCEPTUAL SITE MODEL

The potentially complete soil exposure pathways include soil ingestion, dermal exposure to soil, and inhalation of particulates and volatile organics detected in soil. Potentially exposed populations for the site include on-site school age children and employees based on future land use plans. In order to estimate what the potential exposures may be under current and future land use plans, risk calculations were conducted using the data that were collected for the PEA. Figure 4 is the Conceptual Site Model for the project.

7.2 CHEMICALS OF CONCERN SELECTION

The chemicals of concern (COCs) for the site that were evaluated in the PEA screening risk assessment have been identified based on site history, sampling results and DTSC guidance and protocol. Because OCPs were nondetect in all samples analyzed they are not COCs for the site. Arsenic is not a COC for the site based on the highest concentration being below the DTSC's risk management level.

7.2.1 Screening Results for Soil

The 18 composite and one discrete soil samples analyzed had pesticide concentrations below the laboratory detection limits. While above the CHHSL, site arsenic concentrations ranged from nondetect to 3.3 mg/kg, below the DTSC's risk management level of 12 mg/kg for arsenic.

The concentrations of chemicals detected at the site are not considered to pose a significant risk to human health under very conservative exposure assumptions.

7.3 UNCERTAINTY ANALYSIS

The data collected are subject to uncertainty associated with sampling and analysis. These data are presented in other parts of the PEA. In the risk analysis it was assumed that samples collected were representative of conditions to which various populations may be exposed. However, the collected samples may not be completely representative due to biases in sampling and to random variability of samples. In general, sampling was biased toward areas of known and suspected elevated chemical concentrations, which will lead to an overestimation of risk when these results are assumed to represent a larger area. The placement of soil borings was in part, purposely biased to detect and characterize potential hot spots of soil based on historical site use. This type of sampling approach is likely to overestimate the chemical concentrations to which a receptor would be exposed and the potential health impact to the receptors evaluated.

Samples were analyzed using California State Certified Laboratory procedures and were subjected to limited review, to obtain data suitable for decision-making. However, it should be understood that sample analysis is subject to uncertainties associated with precision, accuracy and detection of chemicals at low concentrations.

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8. Ecological Screening Evaluation

8.1 SITE CHARACTERIZATION

Based on visual observations during the site the site does not have native plants and has been disturbed by agriculture from the 1950s through the 1970s. The Environmental Impact Report that is being prepared as part of the California Environmental Quality Act is addressing biological considerations.

8.2 BIOLOGICAL CHARACTERIZATION

The majority of the site is a disturbed non-native area that has been used for agricultural purposes and has been rough-graded.

8.3 ECOLOGICAL PATHWAY ASSESSMENT

Because the site does not have significant numbers of wildlife and is a disturbed environment no assessment of potential exposures to sensitive ecological receptors is necessary.

8.4 ECOLOGICAL SCREENING EVALUATION SUMMARY

An ecological screening evaluation was not conducted for the site because wildlife is not present and the site is a disturbed environment. The Environmental Impact Report that is being prepared as part of the California Environmental Quality Act is addressing biological issues for the site.



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9. Quality Assurance/ Quality Control (QA/QC) Implementation

The QA/QC Program was implemented in accordance with the DTSC PEA Guidance Manual (DTSC 1999). The primary quality control features of the QA/QC program include the collection and analysis of field quality control samples and the data validation. The Quality Assurance Project Plan (QAPP) is included as Appendix F.

Quality control samples collected in the field included duplicate samples (twelve collected and eight analyzed) and equipment rinseate blanks as described in Section 6. The data for these quality control samples were reviewed as part of the data validation process, along with results from laboratory quality control analyses. Data validation was performed in compliance with DTSC's PEA Guidance Manual, using protocols consistent with the USEPA National Functional Guidelines (DTSC 1999). Each sample was analyzed for the specified suite of analyses presented in Section 6. Data from each of the analyses were evaluated with respect to the quality control criteria listed below. Data for the project as a whole were evaluated in terms of completeness.

- Holding times;
- Field blanks;
- Laboratory method and calibration blanks;
- Initial and continuing calibrations;
- System monitoring compounds (surrogates - organic analyses only);
- Laboratory control samples (LCS) and LCS duplicate samples (LCSD) - as applicable;
- Matrix spikes (MS)/Matrix spike duplicates (MSD);
- Field replicates/confirmatory samples; and
- Compound identification and quantitation.

Data quality for the project is very good, and the data collected are of acceptable quality for use in the screening evaluation. The following issues were identified during the course of the validation review.

Results from the field duplicate samples indicate appropriate sample collection and handling procedures were implemented, and that laboratory analytical precision was also acceptable.

Data validation qualifier flags have been added to those data that did not meet acceptance criteria as defined in School Quality Assurance Project Plans. Results of the validation indicate that all samples collected and analyzed are useful in characterizing the site and assessing the human health and ecological risks for the site. No detectable concentrations were qualified as rejected (R) or were considered to be unusable based on the validation evaluation. Data qualified as estimated (J/UJ) exhibited some bias during analysis and should be considered as an approximate measure of the respective analyte concentration. Qualified data are presented along with the data results in the analytical summary tables provided in this report.

Field activities were observed to be conducted in a manner consistent with the QA/QC procedures presented in the DTSC PEA Guidance Manual (DTSC 1999). No findings were identified that significantly affect the quality of the samples collected or the resulting data evaluation.

9.1 DATA VALIDATION

Data validation was performed for all samples submitted as part of The Planning Center's evaluation of soil. Advanced Technology Laboratories, Inc. was the lead laboratory for the project and performed the required analyses.

Validation was performed in accordance with the general guidance provided in the USEPA Functional Guidelines for Evaluating Inorganic Analyses (USEPA 1994) and in accordance with the professional judgment of the validation team. Validation was performed to assess analytical performance in terms of the DQOs accuracy, precision, sensitivity, and completeness. Comparability and representativeness DQOs for the samples collected are addressed by the correct implementation of the procedures defined in the sampling and analysis plan.

A summary of the validation program, in terms of the DQOs listed above, is provided in the following sections. Data qualifiers assigned to results, if required, were as follows:

A. Result is estimated due to failure to meet one of the DQO criteria associated with the sample result or associated sample batch. Results reported at concentrations below standard laboratory reporting limits, but above method detection limits, were flagged "J" by the laboratory, or "B" in the case of metals. These data are validated as J/estimated because they are below the reliable quantitation limits determined by the laboratory.

U. Result is qualified as not-detected at the reported value. This qualifier is used when results from blank analyses indicate that detections in associated samples may be biased high due to potential contaminant conditions in the field or laboratory.

UJ. Result is qualified as not-detected at the reported value, and the value is determined to be estimated. This qualifier commonly results when quality control failures are associated with analytes that are not detected, or when detections are qualified "U" due to blank contamination combined with a "J" qualifier resulting from another QC problem.

R. Result is rejected due to severe QC failure, or due to multiple lessor QC problems that are determined to be additive.

9.2 ACCURACY

Accuracy was evaluated by assessing the results of holding times, field and laboratory blanks, initial and continuing calibrations, surrogate spike recoveries (organic analyses), LCS recoveries, MS analyses, and interference check samples (metals by inductively coupled plasma).

Frequency and control criteria for initial and continuing calibration verifications were met. The method blank data showed non-detectable levels for all constituents. MS and MSD were performed at required frequencies. LCS analyses were performed at required frequencies. All recoveries were within acceptable limits. Surrogate recoveries were within acceptable control limits.

9.3 PRECISION

Precision was evaluated by assessing the results between MS and MSD analyses, LCS and LCSD analyses, between field and laboratory duplicate analyses. The precision DQO was generally satisfied

for the samples collected during the project. Precision was evaluated as the relative percent difference (RPD) between control or duplicate sample results. RPD criteria reported by the laboratory were used to assess precision. RPDs were within the appropriate control limits and precision is considered acceptable.

9.4 SENSITIVITY

Sensitivity was addressed by ensuring that the reporting limits provided by the laboratories met those as requested in the workplans and task orders provided to the laboratory. Data were qualified in cases where results were reported at concentrations below standard laboratory reporting limits, but above the method detection limits that may have been required to meet the sensitivity requirements for the project. Such results were flagged by the laboratory as either J or B qualified data. These data retain a J/estimated qualifier due to potential decreased reliability at low concentration levels.

9.5 COMPLETENESS

Completeness is an evaluation of the overall sampling program with respect to data generated that is usable versus data that may have been rejected. No data was rejected during the data validation process for this project. The completeness objectives (minimum 90 percent) for this project are therefore considered to be satisfied for all analyses.

9.6 DATA VALIDATION CHART

The following table is a summary of pertinent quality indicators that were verified during the data validation process.

ACCEPTABILITY		
QUALITY INDICATOR	**SOIL**	**SOIL**
	EPA Method 6010B	EPA Method 8081A
	Target Analyte: Arsenic	Target Analyte: DDT
Completeness of Laboratory Reports (e.g., laboratory, client, and sample identifications; ELAP certification number, project name, sample matrix, sample collection, preservation, preparation, extraction, analysis dates; analytical methods; analytes; reporting units and limits; dilution factors; report page numbering system; designated title and signatures)	Y See discussion Section 9	Y See discussion Section 9
Reporting Limit (RL)	Y 1 mg/kg	Y 2 ug/kg
Chain of Custody	Y	Y
Sample Containers and Conditions	Y	Y
Holding Time (<28 days)	Y	Y
Sample Preservation	Y	Y
Equipment Rinsate Blanks	Y	Y
Field Duplicates	Y	Y
Field QC Samples – Others	NA	NA
Surrogate Recoveries	NA	NA

Method Blanks	Y	Y
LCS % Recovery	Y	Y
MS/MSD % Recovery	See discussion Section 9	See discussion Section 9
MS/MSD % RPD	See discussion Section 9	See discussion Section 9
Laboratory Duplicates	See discussion Section 9	See discussion Section 9
Laboratory QC Samples – Others	NA	NA
Compound Identification	Y	Y
Compound Quantitation	Y	Y
Dilution Factors	Y	Y
Data Qualifiers	Y	Y
Confirmation of Positive Samples	NA	NA
Observations of Significance	NA	NA
Case Narrative	Y	Y
Instrument Tuning	NA	NA
Initial Calibration	Lab	Lab
Calibration Verification	Lab	Lab
Interference Check Standard	NA	NA
Others	NA	NA

NOTES:
Y = acceptable or in compliance
NA = not applicable
See Discussion = see discussions in the section of Review of Data Reports
Lab = responsible by the Laboratory

10. HASP Implementation

The Planning Center|DC&E prepared a site-specific HASP pursuant to Health and Safety Code 1910.120. The plan addressed the following:

- Identification and description of potentially hazardous substances that may be encountered during field operations;
- PPE and clothing for site activities; and
- Measures that need to be implemented in the event of an emergency.

The Planning Center|DC&E field personnel reviewed the HASP prior to commencing fieldwork. Prior to initiation of field activities each day, a site safety briefing was conducted to identify potential physical and chemical hazards and measures to be taken in event of an emergency. All on-site personnel were required to sign the site safety briefing form.

During field activities, all personnel within the exclusion zone wore appropriate level D PPE. A copy of the HASP is contained in Appendix D.



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11. Field Variances

Soil sampling was conducted in general accordance with the conditional approved tech memo workplan and PEA guidance manual.

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12. Evaluations of Applicable or Relevant Laws and Regulations Pertaining to School Sites

State of California Department of Education Code Section 17213 and Public Resources Code 21151.8 prohibit the approval of a project involving the purchase of a school site or the construction of a new elementary or secondary school by a school district unless the district first determines whether the site is:

The site of a current or former hazardous waste disposal site or solid waste disposal site and, if so, whether the wastes have been removed.

A hazardous substance release site identified by the State Department of Health Services in a current list adopted pursuant to Section 25356 for removal or remedial action pursuant to Chapter 6.8 (commencing with Section 25300) of Division 20 of the Health and Safety Code.

A site which contains one or more pipelines, situated underground or aboveground, which carries hazardous substance, acutely hazardous materials or hazardous wastes, unless the pipeline is a natural gas line which is used only to supply natural gas to that school or neighborhood.

In addition, the school district must contact the local air pollution control district to identify any facilities located within ¼-mile of the proposed school site that might reasonably be anticipated to emit hazardous emissions or handle hazardous materials, substances or waste. If any facilities exist within the ¼-mile the district must be able to make a written finding that:

a) The health risks from the facilities do not and will not constitute an actual or potential endangerment of public health to persons who attend or are employed at the proposed school; or

If potential hazards exist and have been identified, corrective measures can be implemented that mitigate air emissions to levels that do not constitute an actual potential endangerment of public health to persons who would attend or be employed at the proposed school.

For this proposed school site, a records search of any hazardous waste/substance storage, treatment, or disposal activities at the site and within a ¼-mile of the site was conducted. No evidence of the site being used as a solid waste or hazardous waste disposal site was found. There was no indication that aboveground or underground pipelines are located on the proposed school site. A summary of agencies contacted and records reviewed is provided in Section 3.5.

12. Evaluations of Applicable or Relevant Laws and Regulations Pertaining to School Sites

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13. Conclusions and Recommendations

After reviewing and analyzing the analytical and human health screening evaluation results of this PEA, The Planning Center|DC&E concludes the following with respect to the site:

- Soil sampling activities were conducted at the site on February 12, 2013. A total of 109 soil samples plus duplicates were collected from 37 locations on the project site.
- A total of 18 composite soil samples (plus two composite duplicates) and one discrete soil sample were analyzed for organochlorine pesticides (OCPs) by Environmental Protection Agency (EPA) Method 8081A.
- Eighteen discrete soil samples (plus two duplicates) were analyzed for arsenic by EPA Method 6010B.
- OCP concentrations were below laboratory detection limits in all soil samples analyzed.
- Arsenic concentrations ranged from below laboratory detection limits to 3.3 milligrams per kilogram (mg/kg).
- The preliminary human health risk screening showed chemical concentrations would not be a risk to human health or the environment. The site does not pose a risk to human health under an unrestricted, residential land use scenario;
- Laboratory data obtained were validated to assure that Data Quality Objectives (DQOs) were met and the data were suitable for use in a human health and ecological screening evaluation; and
- Because laboratory results were below levels of concern, the archived samples were not analyzed.

13.1 RECOMMENDATIONS

The results of the PEA support the following conclusions and recommendations:

Based on the PEA objectives, the environmental quality goals of the District, and the results of the PEA investigation, The Planning Center|DC&E has determined no further assessment is required for the site. Per California Education Code Section 17213.1, The Planning Center|DC&E concludes that no further assessment of the site is necessary and is requesting an approval of the PEA.

14. References

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Tables

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TABLE 1
SUMMARY OF SAMPLING AND ANALYSIS PROGRAM
Proposed Perris Middle School
Perris Union High School District
Perris, California

Sample Number	Depth (feet bgs)	Rationale	EPA 8081A Organochlorine Pesticides	EPA 6010B Arsenic
B-1, B-2, B-7, B-8	Fill	Historical agriculture and fill	C	D (B-2)
	0' - 0.5'		C	D (B-2)
	2.5' - 3.0'		-	
B-3, B-4, B-9, B-10	Fill	Historical agriculture and fill	C	D (B-9)
	0' - 0.5'		C	D (B-9)
	2.5' - 3.0'		-	
B-5, B-6, B-11, B-12	Fill	Historical agriculture and fill	C	D (B-5)
	0' - 0.5'		C	D (B-5)
	2.5' - 3.0'		-	
B-13, B-14, B-19, B-20	Fill	Historical agriculture and fill	C	D (B-19)
	0' - 0.5'		C	D (B-19)
	2.5' - 3.0'		-	
B-15, B-16, B-21, B-22	Fill	Historical agriculture and fill	C	D (B-16)
	0' - 0.5'		C	D (B-16)
	2.5' - 3.0'		-	
B-17, B-18, B-23, B-24	Fill	Historical agriculture and fill	C	D (B-18)
	0' - 0.5'		C	D (B-18)
	2.5' - 3.0'		-	
B-25, B-26, B-31, B-32	Fill	Historical agriculture and fill	C	D (B-32)
	0' - 0.5'		C	D (B-32)
	2.5' - 3.0'		-	
B-27, B-28, B-33, B-34	Fill	Historical agriculture and fill	C	D (B-27)
	0' - 0.5'		C	D (B-27)
	2.5' - 3.0'		-	
B-27 DUP, B-28 DUP, B-33 DUP, B-34 DUP	Fill	Duplicate	C DUP	D DUP (B-27 DUP)
	0' - 0.5'		C DUP	D DUP (B-27 DUP)
	2.5' - 3.0'		-	
B-29, B-30, B-35, B-36	Fill	Historical agriculture and fill	C	D (B-29)
	0' - 0.5'		C	D (B-29)
	2.5' - 3.0'		-	
Stockpile	Fill	Fill	D	
1 EB	NA	Quality Control	D	D
TOTAL			**18 C PS, 2 C DUPS, 1 D PS, 1 EB**	**18 D PS, 2 D DUP, 1 EB**

Notes:
D = Discrete Sample; C = Composite Sample; - sample collected and placed on hold
DUP = duplicate; EB = equipment blank
Field duplicates will be collected at a frequency of approximately 10 percent of the primary samples collected.
Equipment blanks will be collected at a frequency of one per day of field activities.

TABLE 2
SUMMARY OF SAMPLE DEPTHS AND FILL THICKNESS
Proposed Perris Middle School
Perris Union High School District
Perris, California

Sample Number	Sample ID	Fill Thickness (feet)	Corresponding Sample Depth (feet bgs)
B-1	Fill	2	0.5' - 1.0'
	0.5'		2.0' - 2.5'
	3.0'		4.5' - 5.0'
B-2	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-3	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-4	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-5	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-6	Fill	5	2.0' - 2.5'
	0.5'		5.0' - 5.5'
	3.0'		7.5' - 8.0'
B-7	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-8	Fill	4.5	1.75' - 2.25'
	0.5'		4.5' - 5.0'
	3.0'		7.0' - 7.5'
B-9	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-10	Fill	4	1.5' - 2.0'
	0.5'		4.0' - 4.5'
	3.0'		6.5' - 7.0'
B-11	Fill	5	2.0' - 2.5'
	0.5'		5.0' - 5.5'
	3.0'		7.5' - 8.0'
B-12	Fill	5	2.0' - 2.5'
	0.5'		5.0' - 5.5'
	3.0'		7.5' - 8.0'
B-13	Fill	1	0' - 0.5'
	0.5'		1.0' - 1.5'
	3.0'		3.5' - 4.0'
B-14	Fill	1	0' - 0.5'
	0.5'		1.0' - 1.5'
	3.0'		3.5' - 4.0'

TABLE 2
SUMMARY OF SAMPLE DEPTHS AND FILL THICKNESS
Proposed Perris Middle School
Perris Union High School District
Perris, California

Sample Number	Sample ID	Fill Thickness (feet)	Corresponding Sample Depth (feet bgs)
B-15	Fill	2	0.5' - 1.0'
	0.5'		2.0' - 2.5'
	3.0'		4.5' - 5.0'
B-16	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-17	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-18	Fill	6	2.5' - 3.0'
	0.5'		6.0' - 6.5'
	3.0'		8.5' - 9.0'
B-19	Fill	2.5	0.75' - 1.25'
	0.5'		2.5' - 3.0'
	3.0'		5.0' - 5.5'
B-20	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-21	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-22	Fill	4	1.5' - 2.0'
	0.5'		4.0' - 4.5'
	3.0'		6.5' - 7.0'
B-23	Fill	5.5	2.25' - 2.75'
	0.5'		5.5' - 6.0'
	3.0'		8.0' - 8.5'
B-24	Fill	6	2.5' - 3.0'
	0.5'		6.0' - 6.5'
	3.0'		8.5' - 9.0'
B-25	Fill	2	0.5' - 1.0'
	0.5'		2.0' - 2.5'
	3.0'		4.5' - 5.0'
B-26	Fill	2	0.5' - 1.0'
	0.5'		2.0' - 2.5'
	3.0'		4.5' - 5.0'
B-27	Fill	3	1.0' - 1.5'
	0.5'		3.0' - 3.5'
	3.0'		5.5' - 6.0'
B-27 DUP*	Fill	3	1.5' - 2.0'
	0.5'		3.5' - 4.0'
	3.0'		6.0' - 6.5'

TABLE 2
SUMMARY OF SAMPLE DEPTHS AND FILL THICKNESS
Proposed Perris Middle School
Perris Union High School District
Perris, California

Sample Number	Sample ID	Fill Thickness (feet)	Corresponding Sample Depth (feet bgs)
B-28	Fill	4	1.5' - 2.0'
	0.5'		4.0' - 4.5'
	3.0'		6.5' - 7.0'
B-28 DUP*	Fill	4	2.0' - 2.5'
	0.5'		4.5' - 5.0'
	3.0'		7.0' - 7.5'
B-29	Fill	4	1.5' - 2.0'
	0.5'		4.0' - 4.5'
	3.0'		6.5' - 7.0'
B-30	Fill	6	2.5' - 3.0'
	0.5'		6.0' - 6.5'
	3.0'		8.5' - 9.0'
B-31	Fill	4	1.5' - 2.0'
	0.5'		4.0' - 4.5'
	3.0'		6.5' - 7.0'
B-32	Fill	5	2.0' - 2.5'
	0.5'		5.0' - 5.5'
	3.0'		7.5' - 8.0'
B-33	Fill	6	2.5' - 3.0'
	0.5'		6.0' - 6.5'
	3.0'		8.5' - 9.0'
B-33 DUP*	Fill	6	3.0' - 3.5'
	0.5'		6.5' - 7.0'
	3.0'		9.0' - 9.5'
B-34	Fill	7	3.0' - 3.5'
	0.5'		7.0' - 7.5'
	3.0'		9.5' - 10.0'
B-34 DUP*	Fill	7	3.5' - 4.0'
	0.5'		7.5' - 8.0'
	3.0'		10.0' - 10.5'
B-35	Fill	6	2.5' - 3.0'
	0.5'		6.0' - 6.5'
	3.0'		8.5' - 9.0'
B-36	Fill	1	0' - 0.5'
	0.5'		1.0' - 1.5'
	3.0'		3.5' - 4.0'

Notes:
Fill samples were collected from the middle of the fill material.

TABLE 3
SUMMARY TABLE OF ARSENIC IN SOIL
Proposed Perris Middle School
Perris Union High School District
Perris, California

	Concentration (milligrams per kilogram)			
Sample Number	**Sample ID**	**Corresponding Sample Depth (feet bgs)**	**Sample Date**	**Arsenic**
B-2	Fill	1.0' - 1.5'	2/12/2013	1.9
	0.5'	3.0' - 3.5'	2/12/2013	3.3
B-5	Fill	1.0' - 1.5'	2/12/2013	1.6
	0.5'	3.0' - 3.5'	2/12/2013	2.9
B-9	Fill	1.0' - 1.5'	2/12/2013	1.9
	0.5'	3.0' - 3.5'	2/12/2013	1.5
B-16	Fill	1.0' - 1.5'	2/12/2013	ND<1.0
	0.5'	3.0' - 3.5'	2/12/2013	ND<0.99
B-18	Fill	2.5' - 3.0'	2/12/2013	3.3
	0.5'	6.0' - 6.5'	2/12/2013	ND<1.0
B-19	Fill	0.75' - 1.25'	2/12/2013	2.3
	0.5'	2.5' - 3.0'	2/12/2013	2.5
B-27	Fill	1.0' - 1.5'	2/12/2013	ND<1.0
	0.5'	3.0' - 3.5'	2/12/2013	1.9
B-27 DUP*	Fill	1.5' - 2.0'	2/12/2013	1.8
	0.5'	3.5' - 4.0'	2/12/2013	1.1
B-29	Fill	1.5' - 2.0'	2/12/2013	3.1
	0.5'	4.0' - 4.5'	2/12/2013	1.5
B-32	Fill	2.0' - 2.5'	2/12/2013	2.0
	0.5'	5.0' - 5.5'	2/12/2013	1.4
EQUIPMENT BLANK				
Concentration (milligram/liter [mg/L])				
EB021213			2/12/2013	ND<0.010
Average CA concentration*				3.5
CHHSL				0.07
Site maximum conc exceed average CA or CHHSL?				Yes
Potential Chemical of Concern?				No

Notes:

* Average CA concentrations from Background Concentrations of Trace and Major Elements in California Soils, Kearney foundation Special Report March 1996.

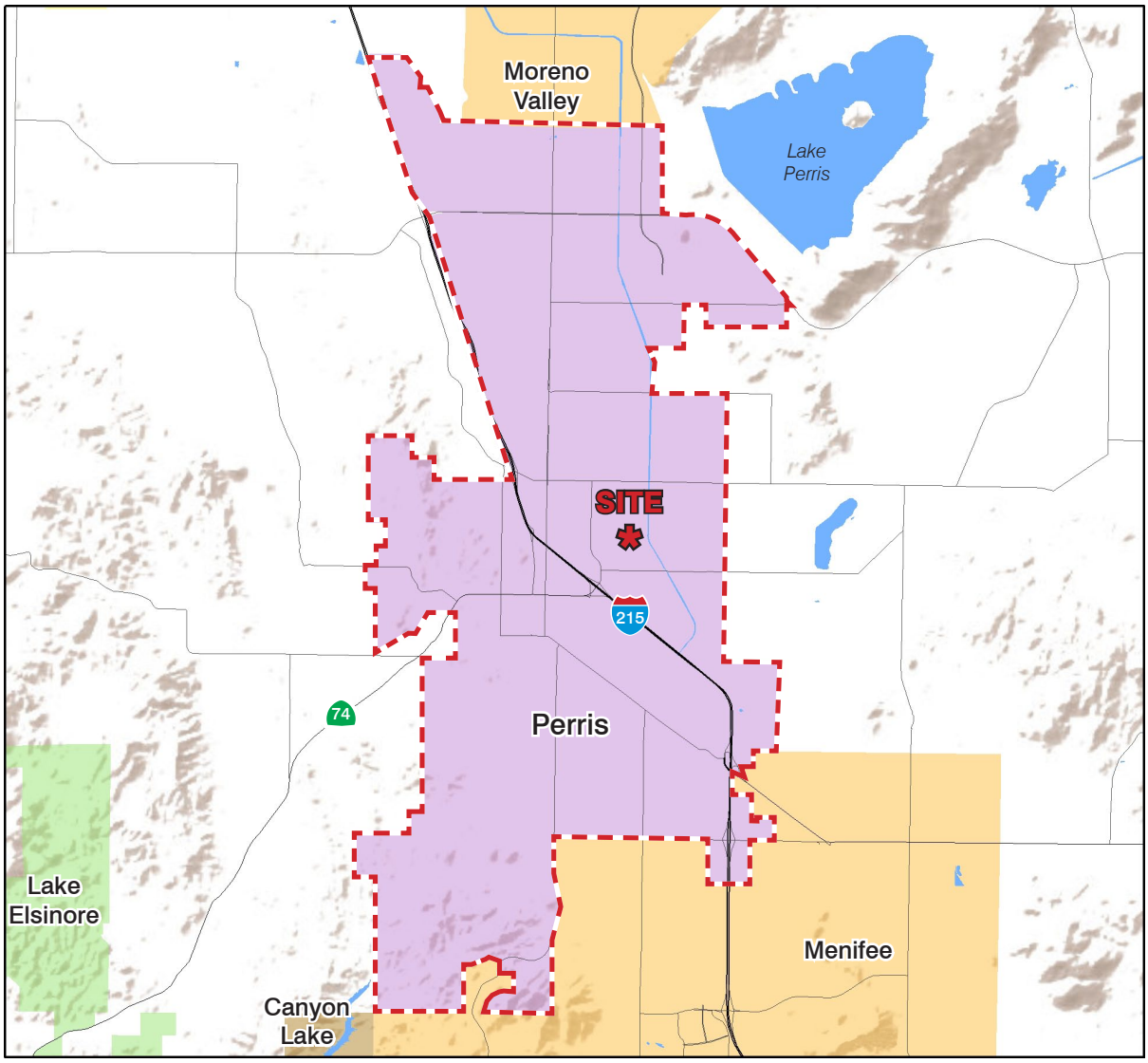
As was analyzed by EPA Method 6010B.

The complete laboratory analytical reports are included in Appendix E.

Figures

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Site Location



City Boundary

0 2
Scale (Miles)

Existing Site Conditions

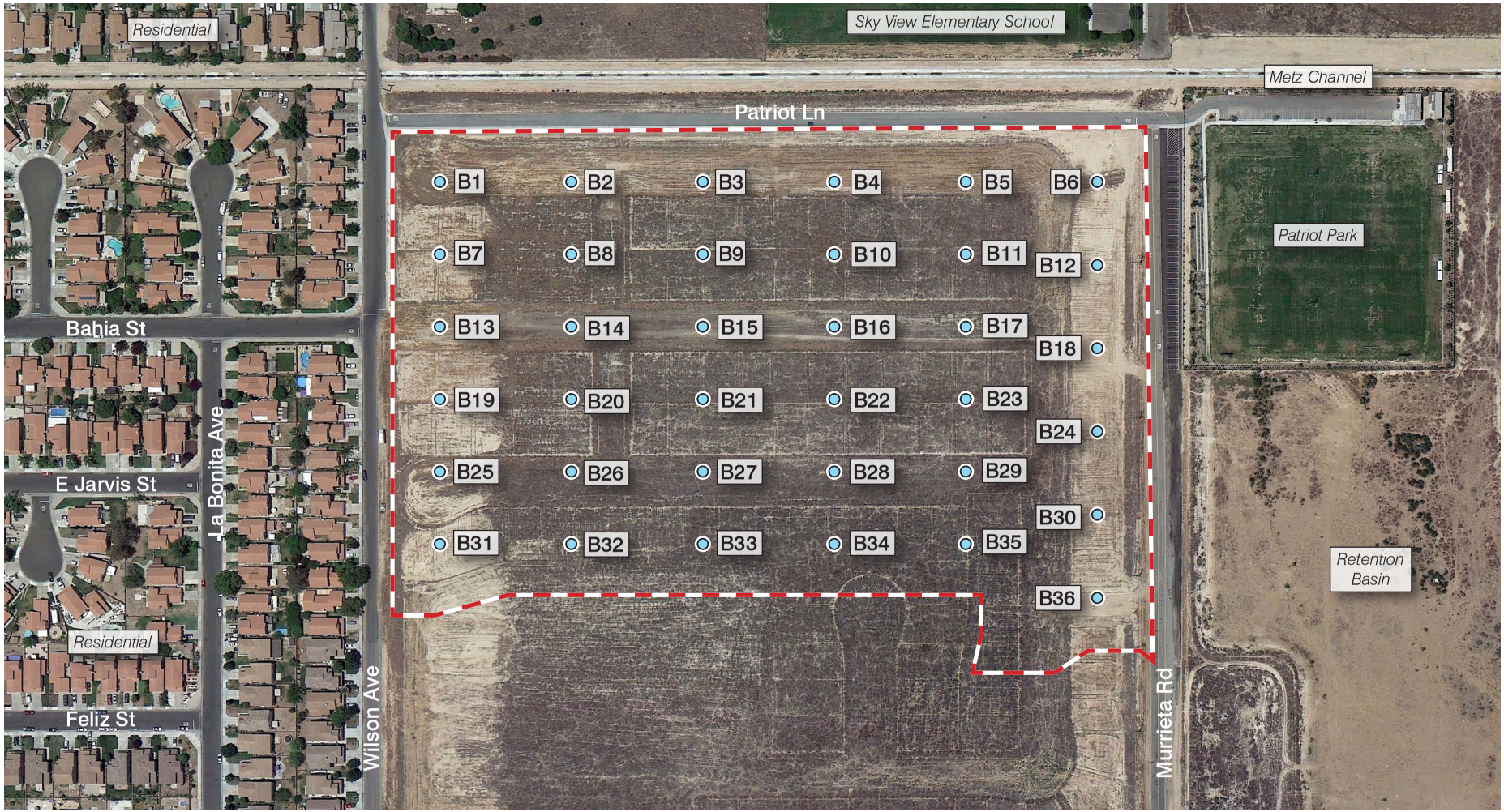


Site Boundary

Source: Google Earth Pro 2012

0 500
Scale (Feet)

Proposed Sampling Locations



Site Boundary

B1 Proposed Sampling Locations

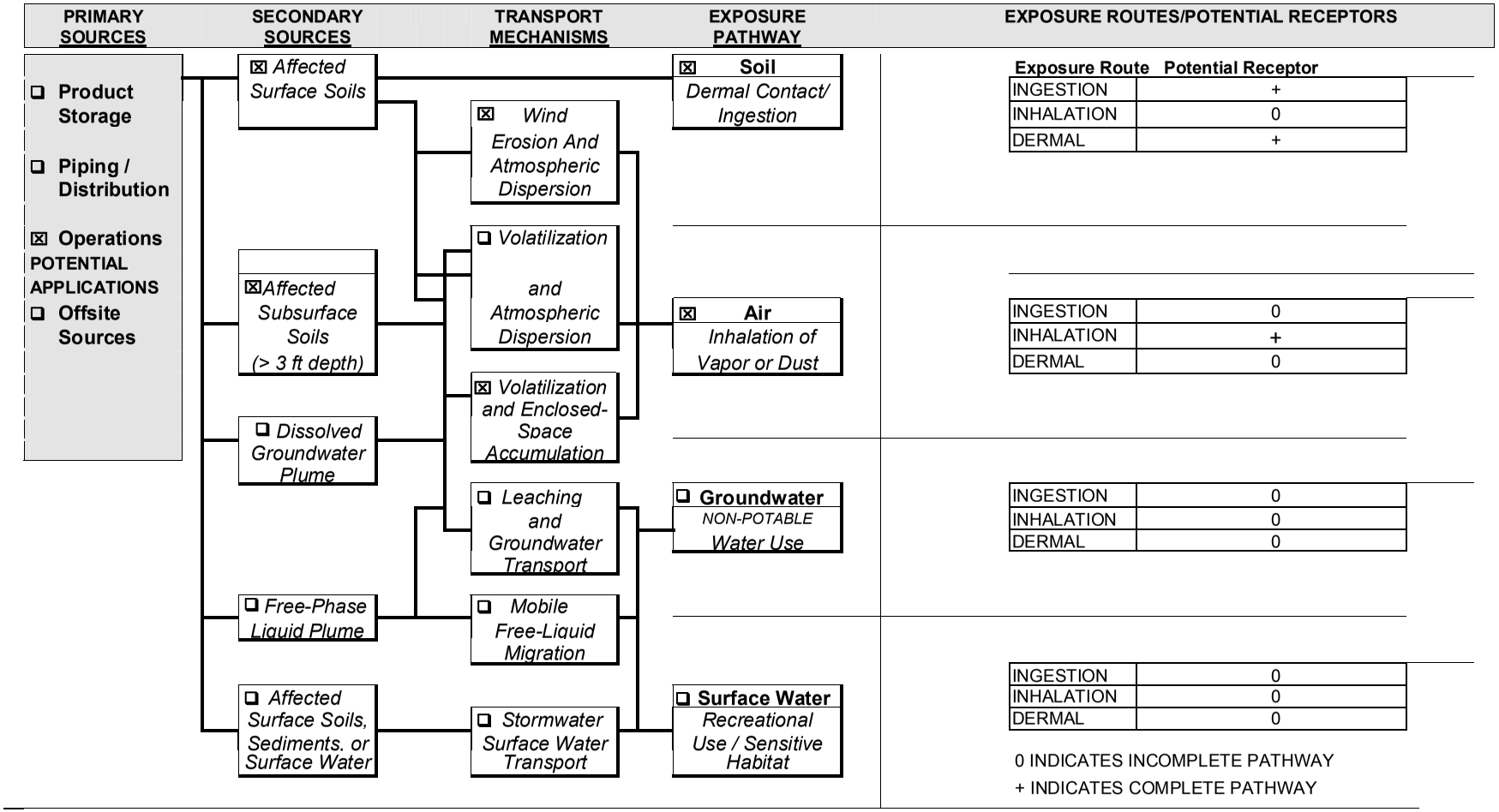
0 250

Scale (Feet)

Source: Google Earth Pro 2012

FIGURE 4 CONCEPTUAL SITE MODEL

Proposed Perris Middle School Site
Perris Union High School District
Perris, California



Appendix A Site Photographs

This page left blank intentionally.

THE PLANNING CENTER|DC&E PHOTO ESSAY

Client Name: Perris Union High School District

Site Location: Proposed Middle School

Project No.: PUS-05.0

Photo No:	Date:
1	1/11/2013

Description:

View of site near northwest corner looking across site to east.



Photo No:	Date:
2	1/11/2013

Description:

View of northeast corner looking south down Murrieta Road. Proposed school site is on the right and Patriot Park is on the left.



THE PLANNING CENTER|DC&E PHOTO ESSAY

Client Name: Perris Union High School District

Site Location: Proposed Middle School

Project No.: PUS-05.0

Photo No:	Date:
3	1/11/2013

Description:

View from southeastern corner of site looking north across site.



Photo No:	Date:
4	1/11/2013

Description:

View from southeastern area of site looking west across proposed school site.



Appendix B Research Documentation

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Perris Middle School
Wilson Avenue/ Dale Street
Perris, CA 92571

Inquiry Number: 3469205.4
December 11, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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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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Date EDR Searched Historical Sources:

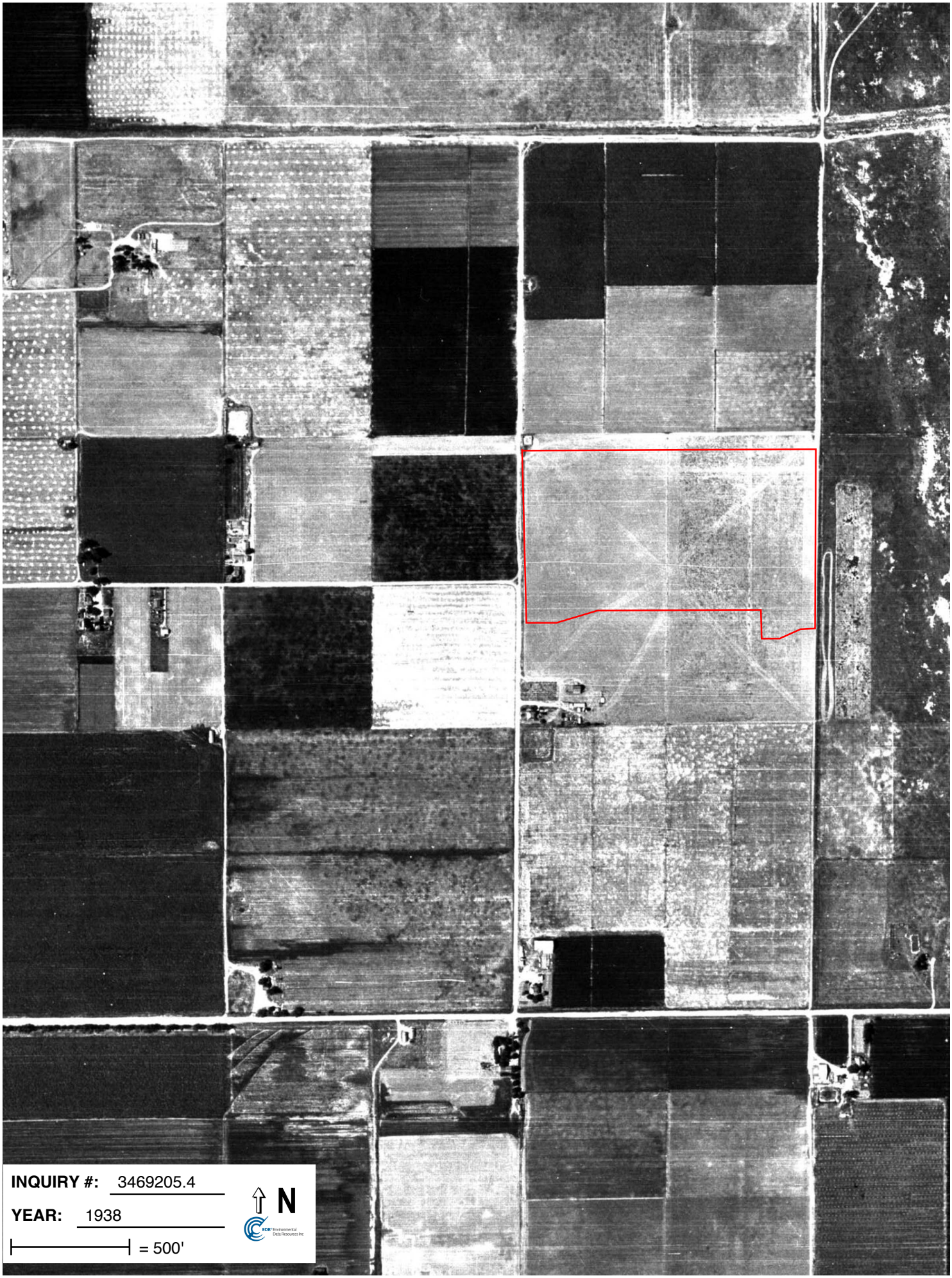
Aerial Photography December 11, 2012

Target Property:

Wilson Avenue/ Dale Street

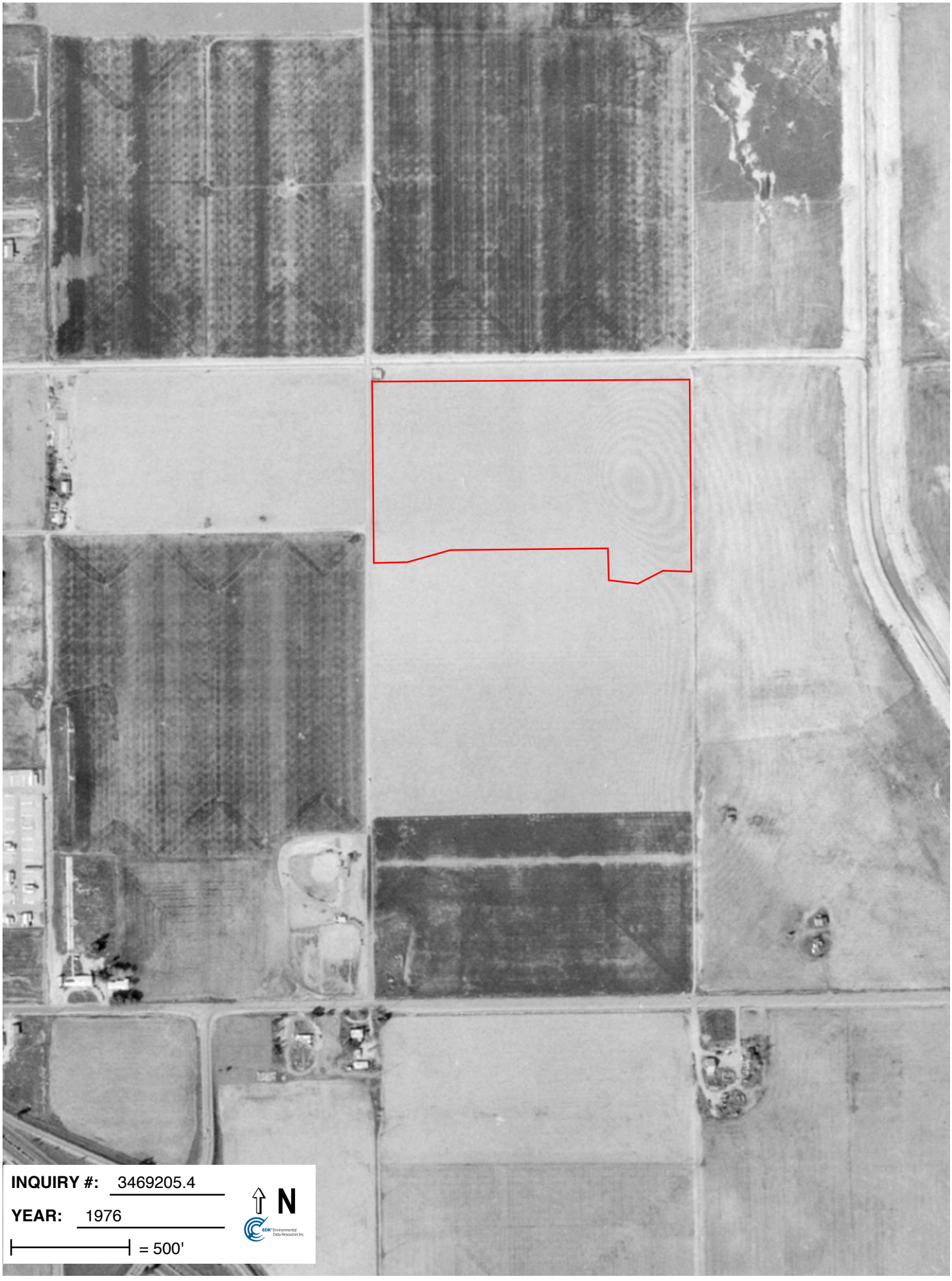
Perris, CA 92571

Year	***Scale***	***Details***	***Source***
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	Laval
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	Pacific Air
1967	Aerial Photograph. Scale: 1"=500'	Flight Year: 1967	Western
1976	Aerial Photograph. Scale: 1"=500'	Flight Year: 1976	AMI
1990	Aerial Photograph. Scale: 1"=500'	Flight Year: 1990	USGS
2002	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 2002	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	EDR


INQUIRY #: 3469205.4
YEAR: 1938
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 3469205.4
YEAR: 1953
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 3469205.4
YEAR: 1967
= 500'
N
EDR Environmental Data Resources Inc



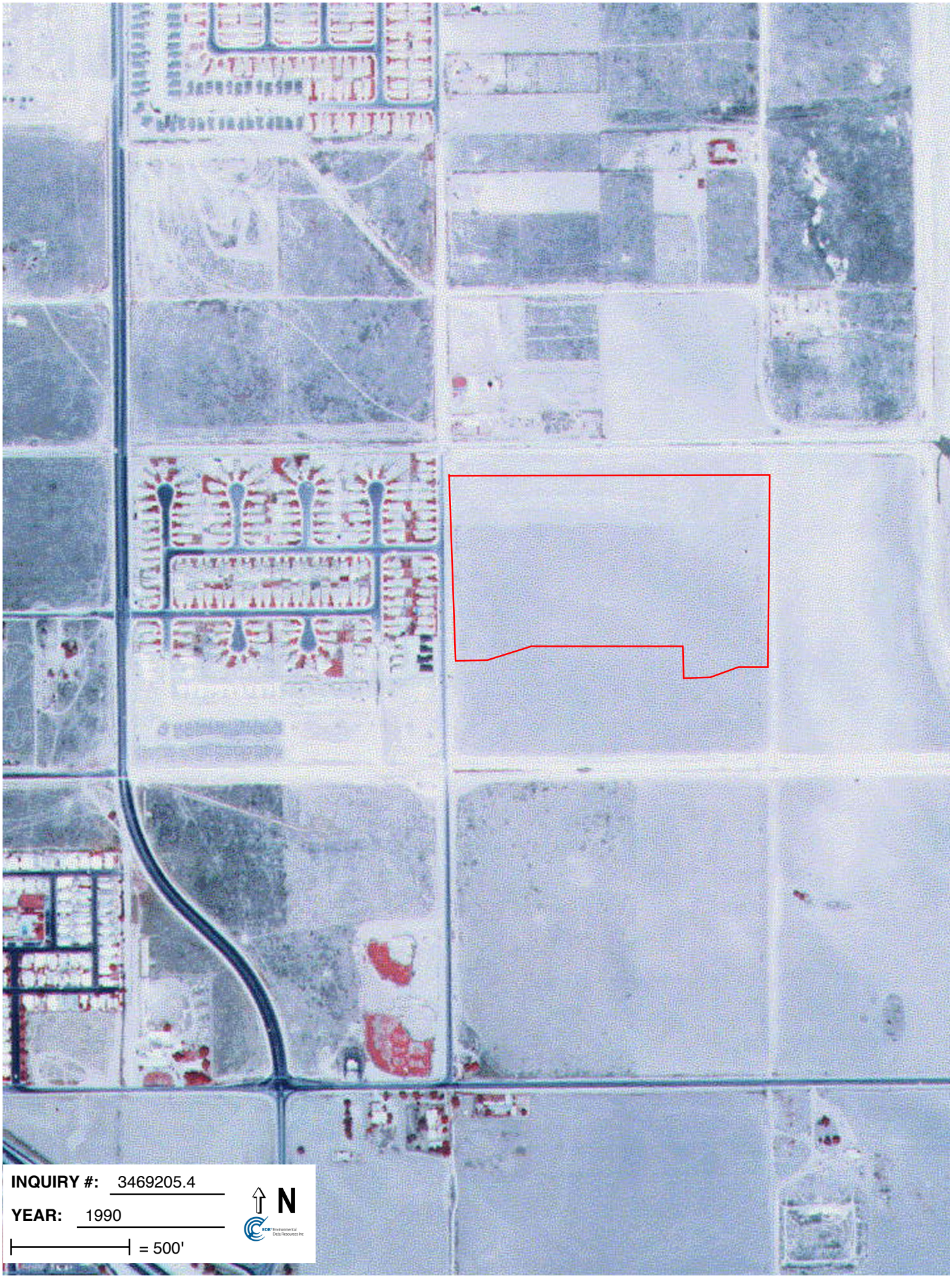
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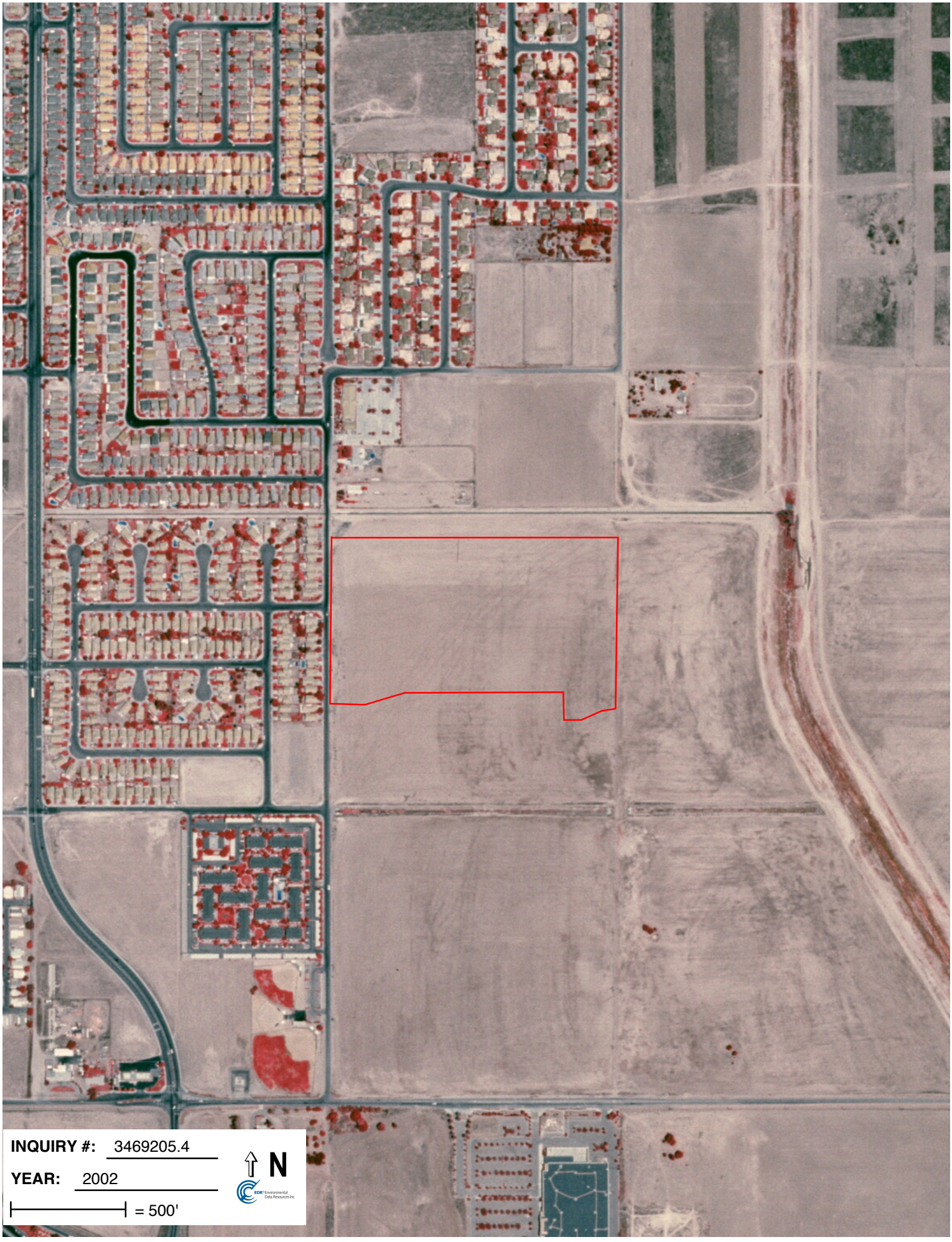
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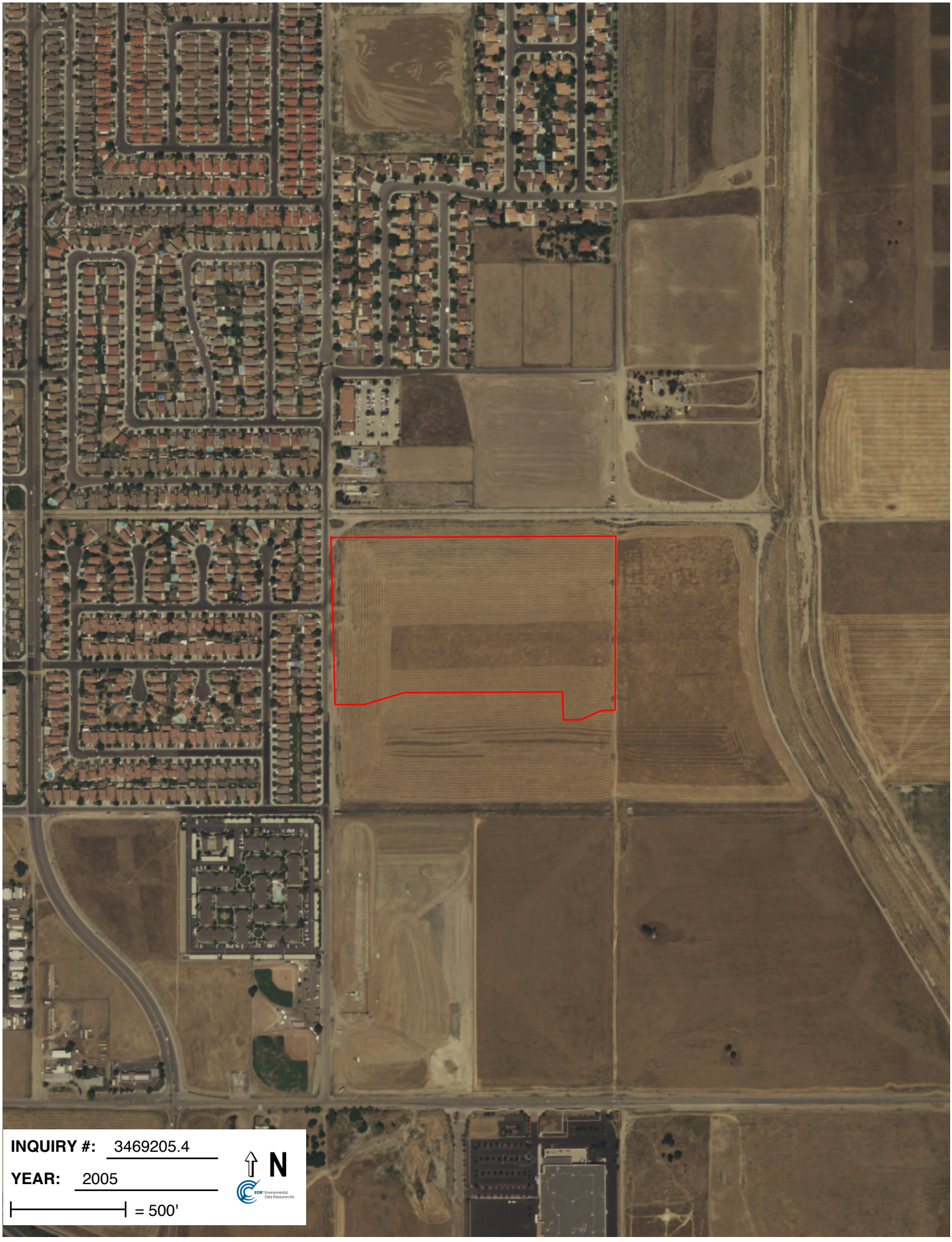
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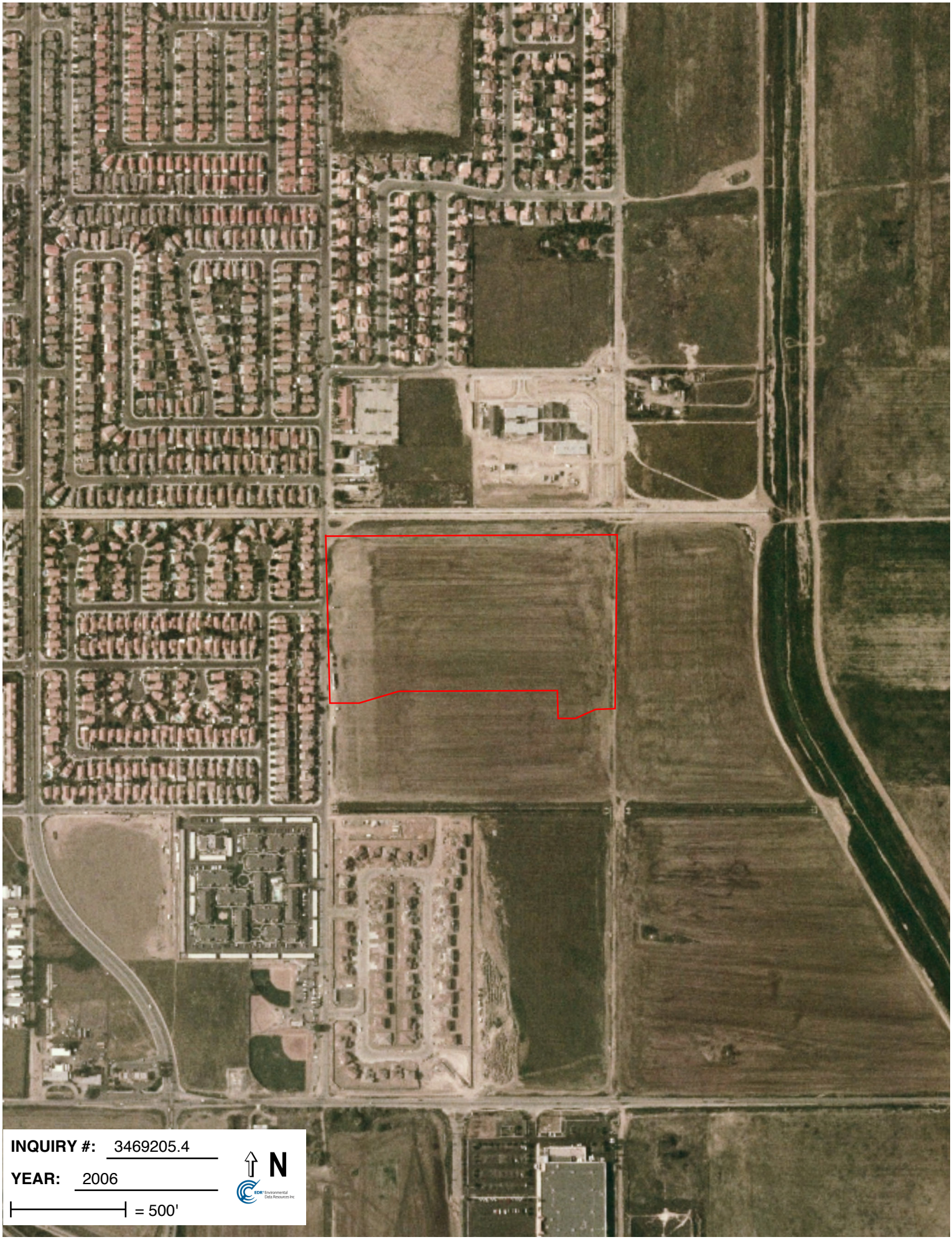
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EDR Environmental Data Resources Inc


INQUIRY #: 3469205.4
YEAR: 1990
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 3469205.4
YEAR: 2002
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 3469205.4
YEAR: 2005
= 500'
N
EDR Environmental Data Resources Inc


INQUIRY #: 3469205.4
YEAR: 2006
= 500'
N
EDR Environmental Data Resources Inc

Perris Middle School
Wilson Avenue/ Dale Street
Perris, CA 92571

Inquiry Number: 3469205.7
December 06, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

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800.352.0050
www.edrnet.com

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with any questions or comments.

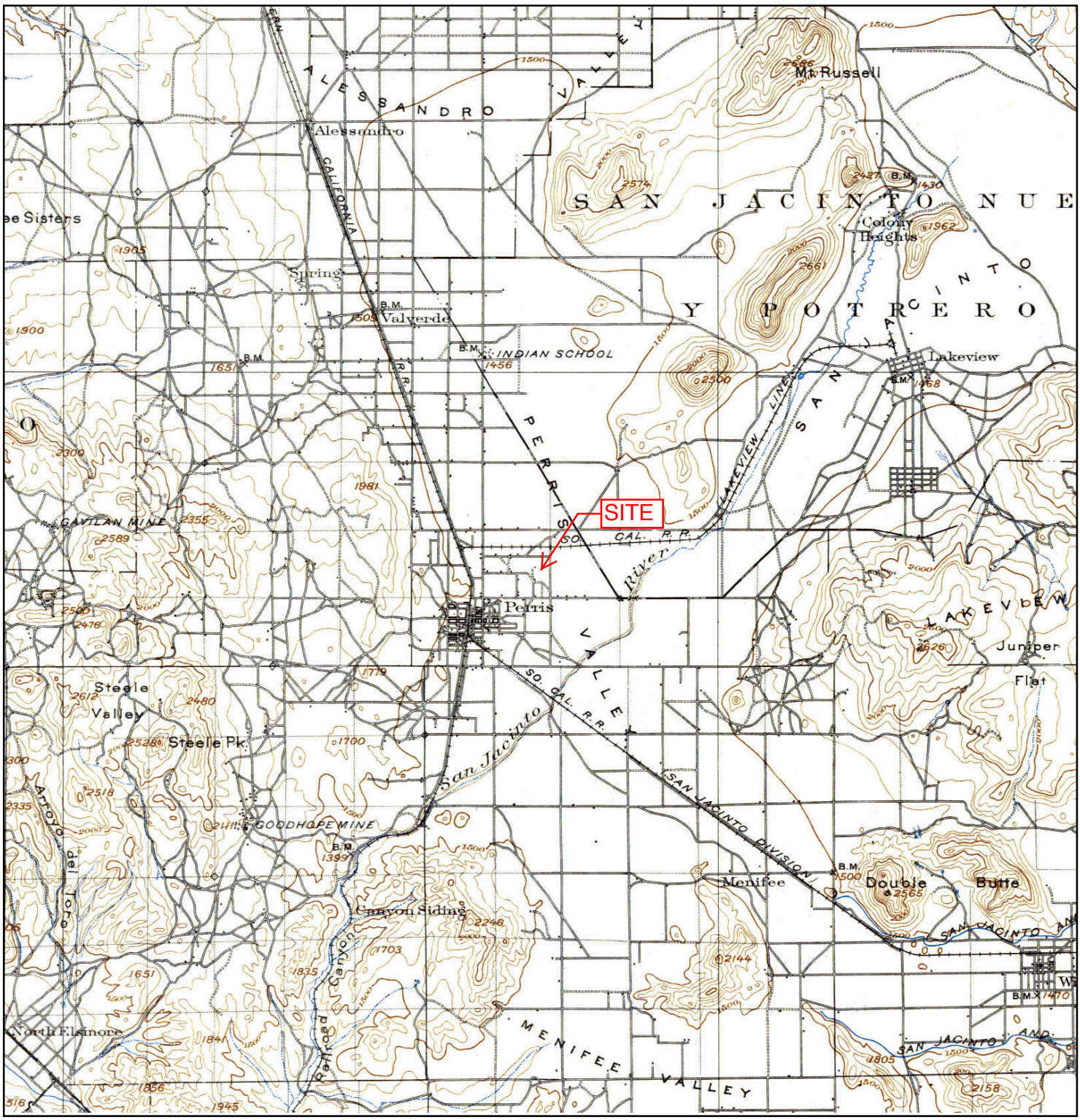
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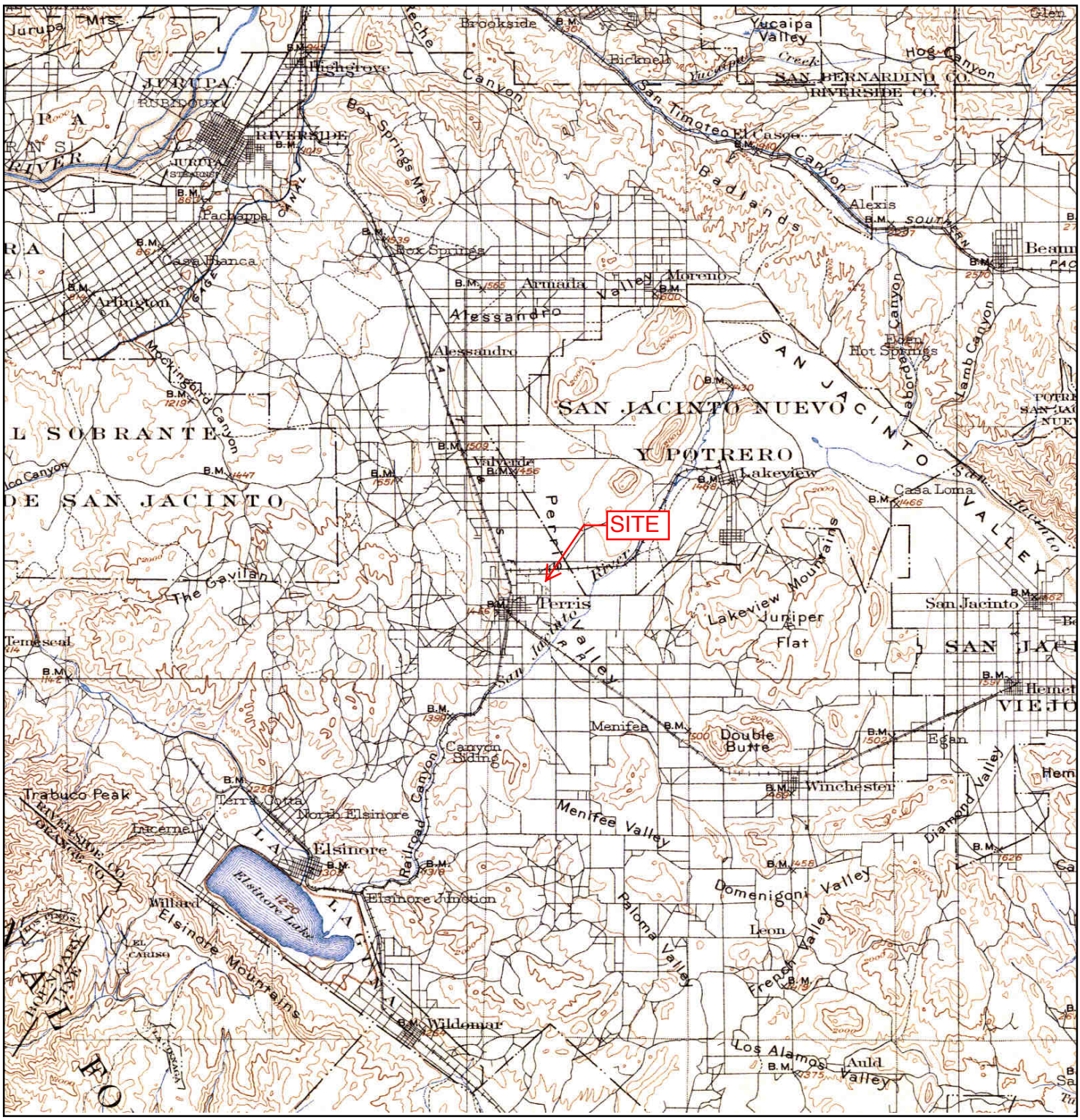
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Historical Topographic Map



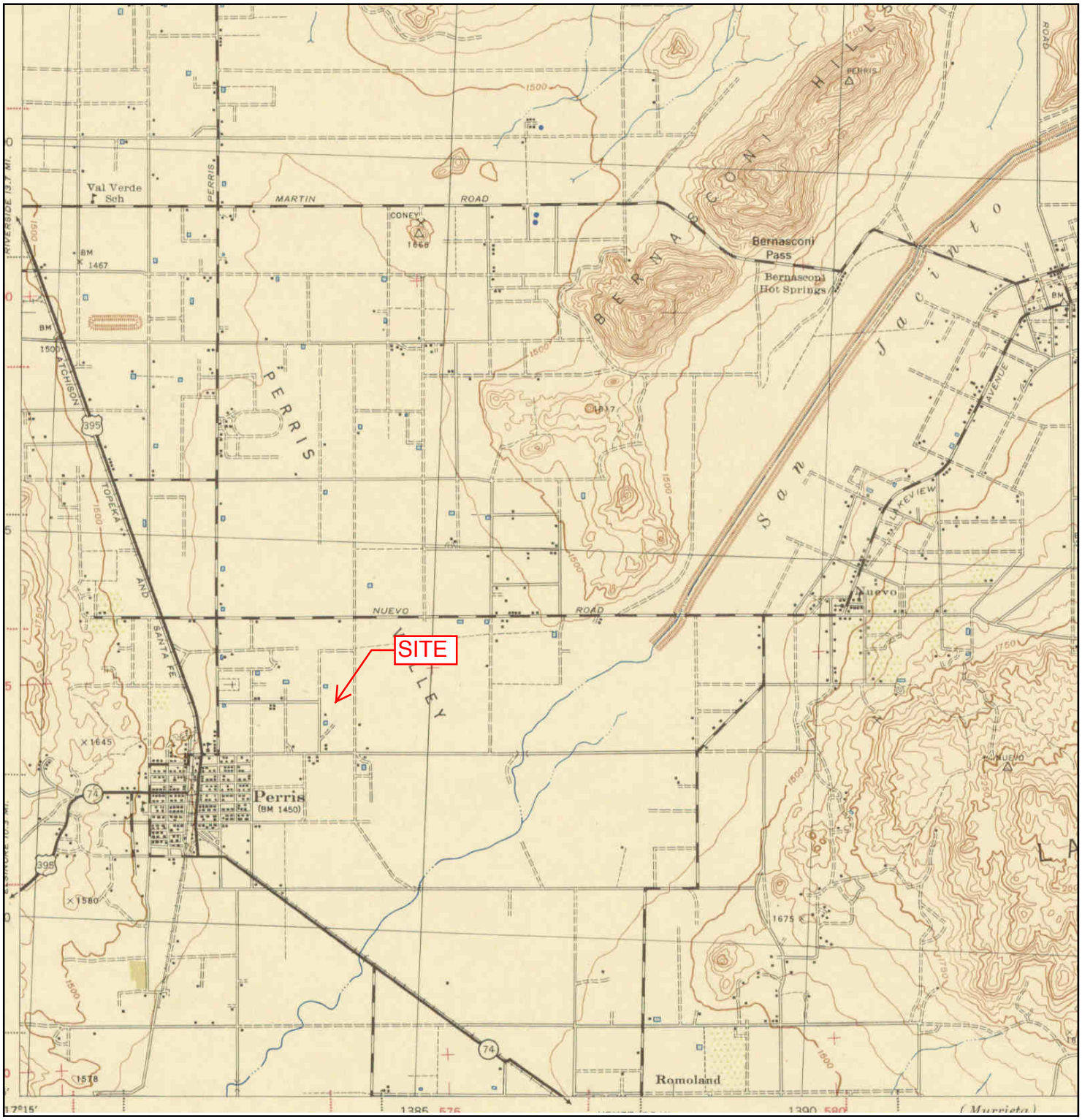
N	TARGET QUAD			
	NAME:	ELSINORE	SITE NAME: Perris Middle School	CLIENT: The Planning Center
	MAP YEAR:	1901	ADDRESS: Wilson Avenue/ Dale Street	CONTACT: Denise Clendening
			Perris, CA 92571	INQUIRY#: 3469205.7
	SERIES:	30	LAT/LONG: 33.7932 / -117.2127	RESEARCH DATE: 12/06/2012
	SCALE:	1:125000		

Historical Topographic Map



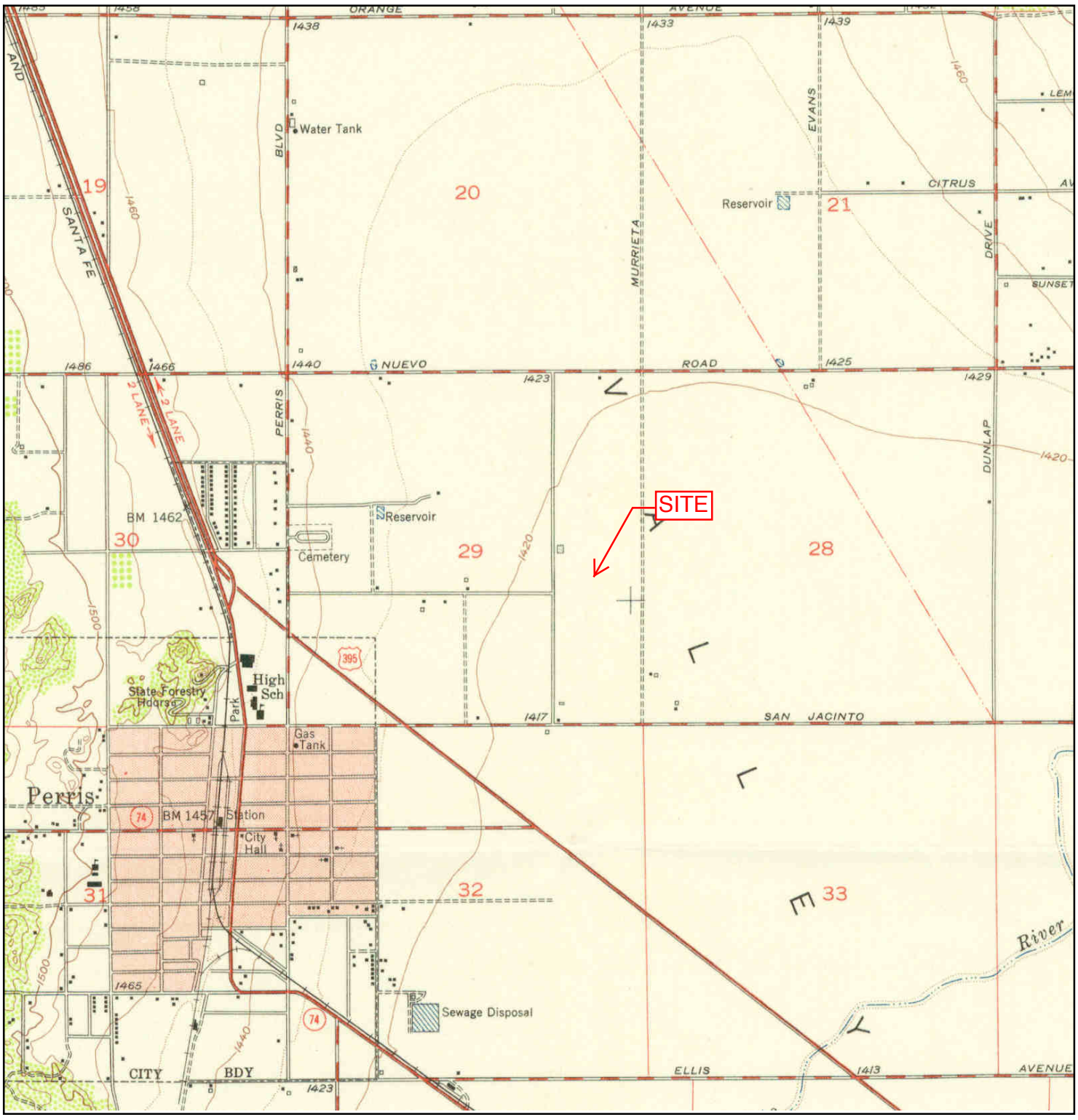
N	**TARGET QUAD** NAME: SOUTHERN CA SHEET 1 MAP YEAR: 1901 SERIES: 60 SCALE: 1:250000	SITE NAME: Perris Middle School ADDRESS: Wilson Avenue/ Dale Street Perris, CA 92571 LAT/LONG: 33.7932 / -117.2127	CLIENT: The Planning Center CONTACT: Denise Clendening INQUIRY#: 3469205.7 RESEARCH DATE: 12/06/2012

Historical Topographic Map



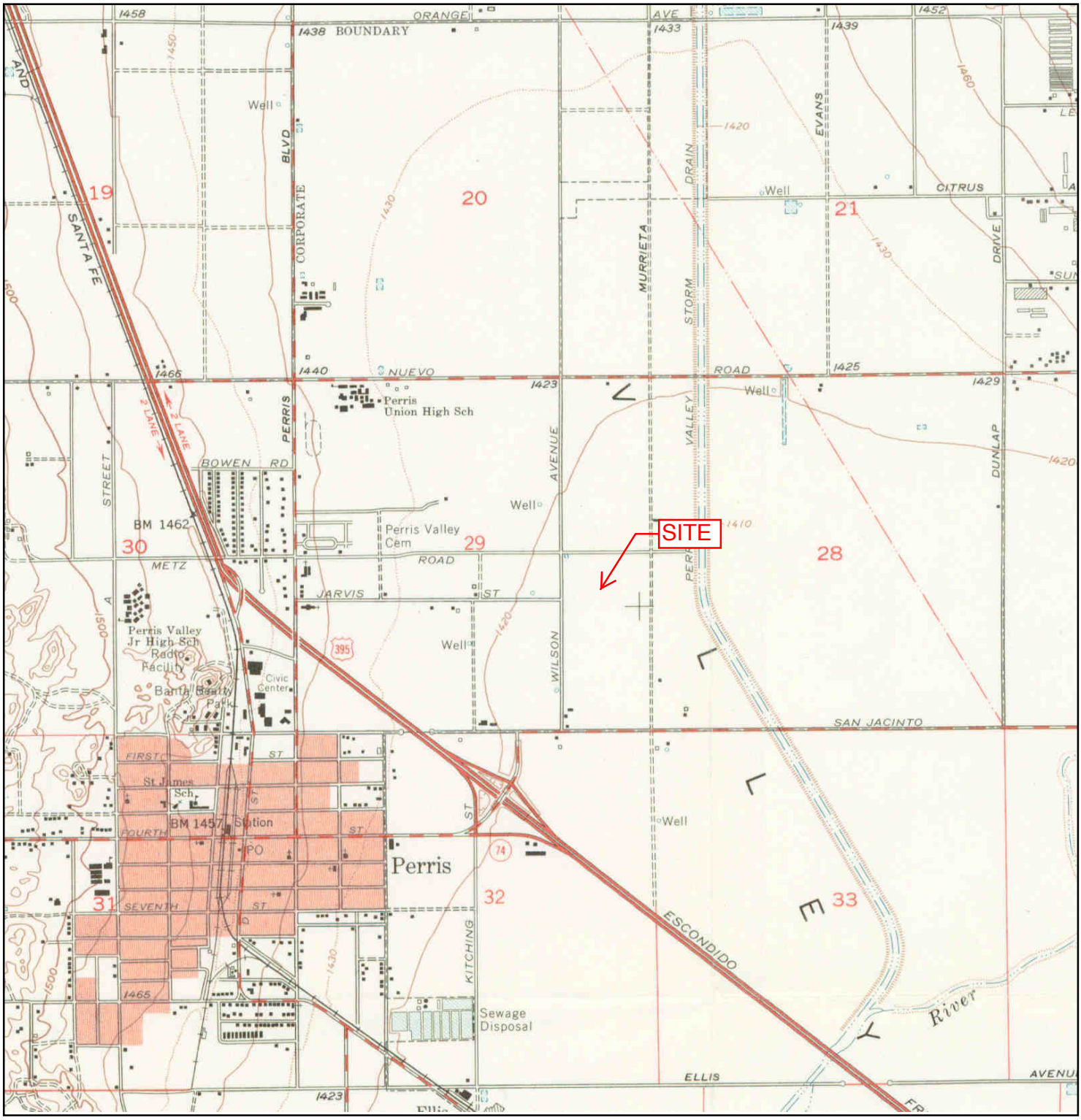
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Historical Topographic Map



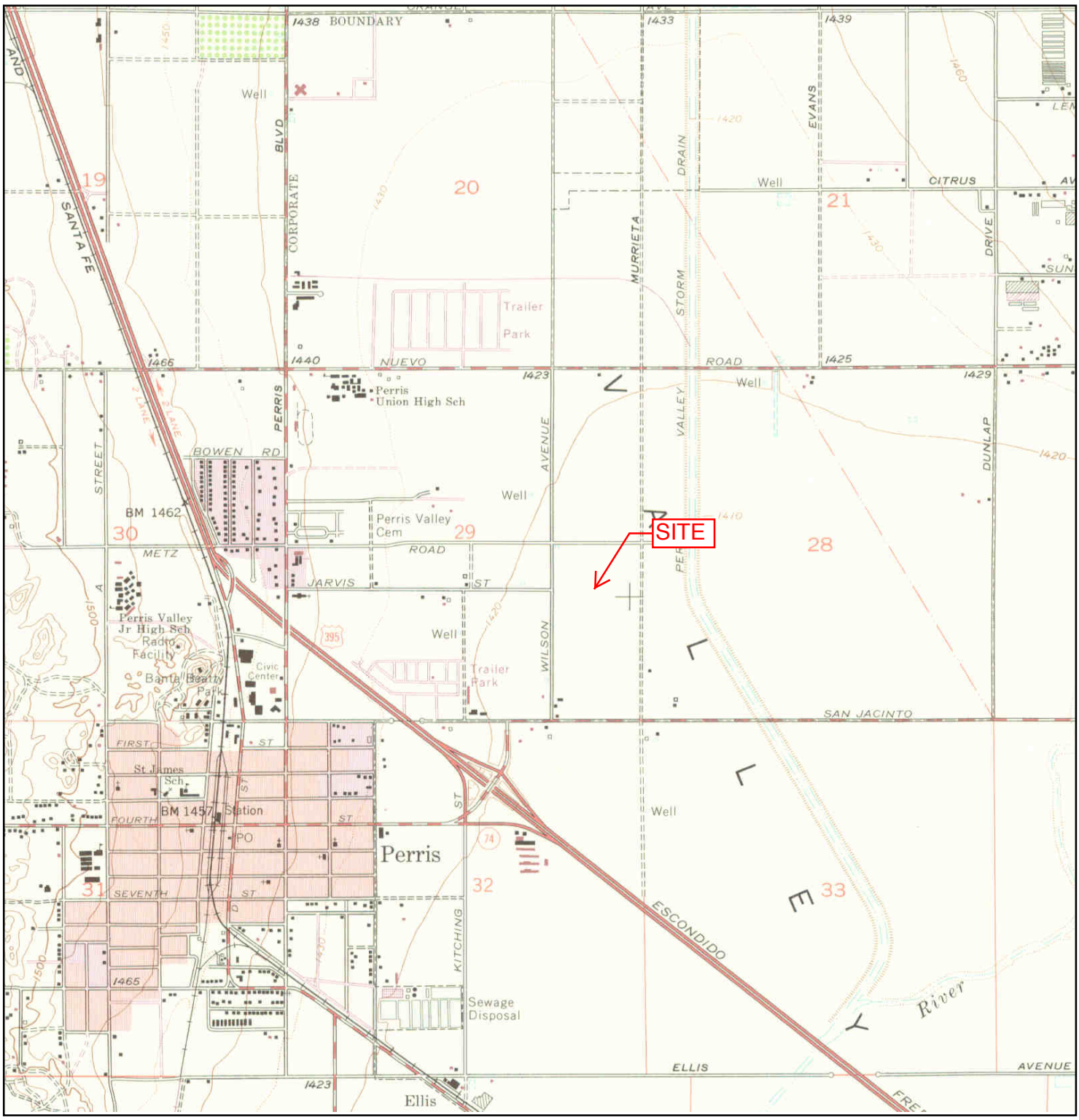
N	TARGET QUAD NAME: PERRIS MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Perris Middle School ADDRESS: Wilson Avenue/ Dale Street Perris, CA 92571 LAT/LONG: 33.7932 / -117.2127	CLIENT: The Planning Center CONTACT: Denise Clendening INQUIRY#: 3469205.7 RESEARCH DATE: 12/06/2012

Historical Topographic Map



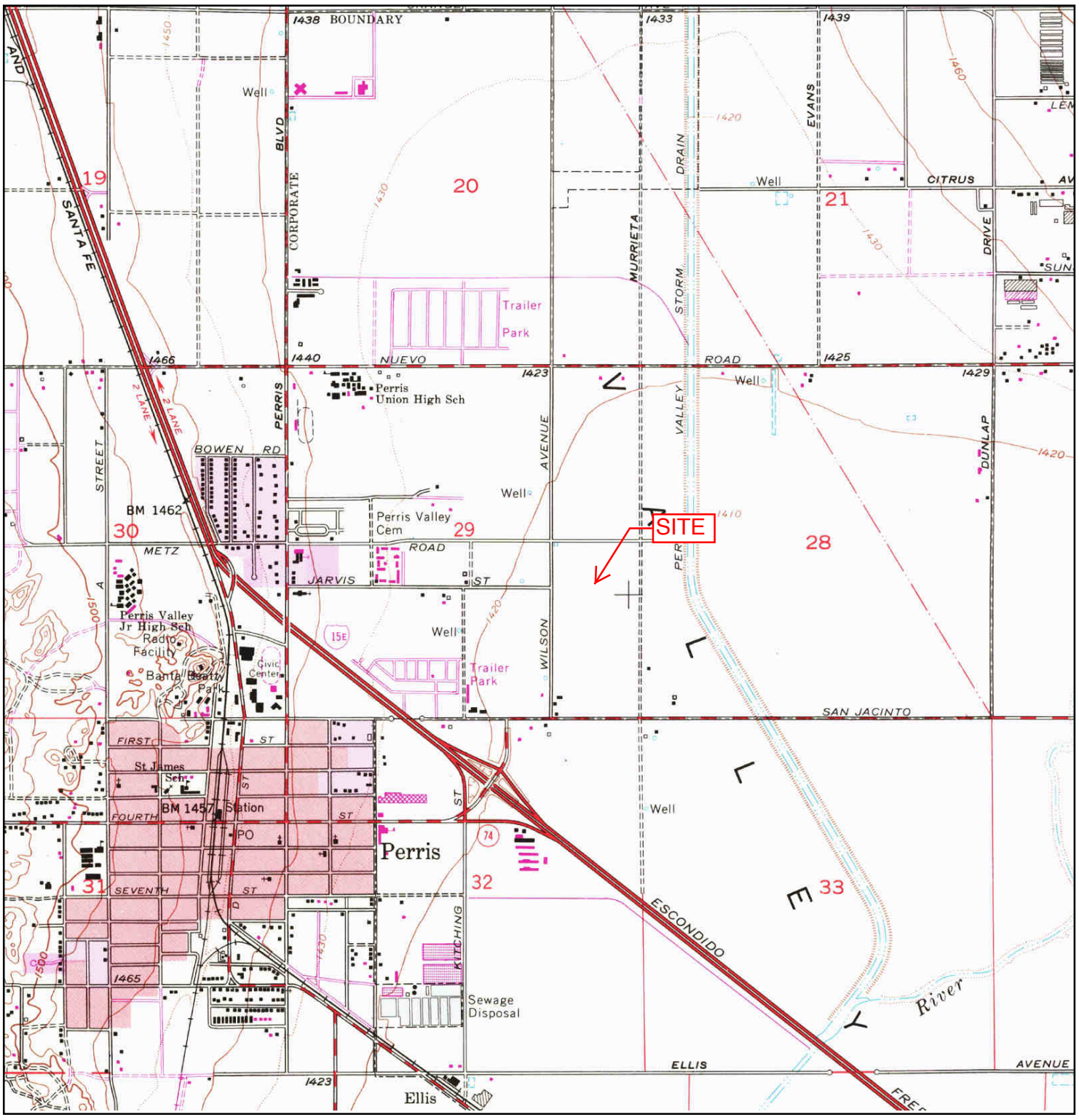
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Historical Topographic Map



N	**TARGET QUAD** NAME: PERRIS MAP YEAR: 1973 PHOTOREVISED FROM :1967 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Perris Middle School ADDRESS: Wilson Avenue/ Dale Street Perris, CA 92571 LAT/LONG: 33.7932 / -117.2127	CLIENT: The Planning Center CONTACT: Denise Clendening INQUIRY#: 3469205.7 RESEARCH DATE: 12/06/2012

Historical Topographic Map



N	TARGET QUAD				
	NAME:	PERRIS	SITE NAME:	Perris Middle School	CLIENT: The Planning Center
	MAP YEAR:	1979	ADDRESS:	Wilson Avenue/ Dale Street	CONTACT: Denise Clendening
	PHOTOREVISED FROM :	1967		Perris, CA 92571	INQUIRY#: 3469205.7
	SERIES:	7.5	LAT/LONG:	33.7932 / -117.2127	RESEARCH DATE: 12/06/2012
	SCALE:	1:24000			

December 18, 2012

Lisa Dowdy
Office of the State Fire Marshal

Subject: Pipeline Location Request (PUS-05.0)

Dear Ms. Dowdy:

The Planning Center|DC&E requests pipeline location information in the vicinity (approximately 1,500-foot radius) of the following site:

Southeast corner of Metz Road and Wilson Avenue in the City of Perris, Riverside County, California

Please see attached map for exact location.

The client for this project is:

Perris Joint Union High School District
155 E 4th Street
Perris, CA 91570

Please contact me at (909) 989-4449 or by email at mwatson@planningcenter.com with any questions you may have. Thank you for your time.

Sincerely,

THE PLANNING CENTER|DC&E

Michael Watson, PG
Associate Geologist

Office of the State Fire Marshal

Pipeline Safety Division

P.O. Box 944246
Sacramento, CA 94244-2460

Request ID: 12202012SFM001

TO: THE PLANNING CENTER
MICHAEL WATSON
2850 INLAND EMPIRE BLVD #B
ONTARIO, CA 91764

Phone: 909 989 4449
Fax: 909 949 4447

FROM: Lisa Dowdy

Phone: (916) 445-8477
Fax: (916) 445-8526

PIPELINE LOCATION REQUEST FOR:

METZ RD & WILSON AVE
PERRIS, CA 92571

THERE ARE NO PIPELINES JURISDICTIONAL TO THE STATE FIRE MARSHAL IN THE AREA FOR WHICH YOU HAVE INQUIRED.

- FOR NATURAL GAS PIPELINES PLEASE CONTACT YOUR LOCAL GAS COMPANY

- FOR OTHER TYPES OF PIPELINE PLEASE CONTACT THE DIVISION OF OIL AND GAS AT (714) 816-6847

- FOR PUBLIC UTILITIES PLEASE CONTACT THE PUBLIC UTILITIES COMMISSION AT (415) 703-2782

Disclaimer: The pipeline information and data represented in this correspondence varies in accuracy, scale, origin and completeness and may be changed at any time without notice. While the Office of the State Fire Marshal, Pipeline Safety Division (OSFM/PSD) makes every effort to provide accurate information, OSFM/PSD makes no warranties as to the suitability of this product for any particular purpose. Any use of this information is at the user's own risk.

For further information or suggestions regarding the data on this site, please contact the Office of the State Fire Marshal, Pipeline Safety Division at P.O. Box 944246, Sacramento, CA 94244 or call (916) 445-8477.

Design Lookup

County RIVERSIDE
Place PERRIS
Page or Grids 0807J01 0807J02

Submit Exit

Design Lookup on 12/03/12 02:50 PM
County: RIVERSIDE Place: PERRIS
Grids: 0807J01 0807J02

EMW01
EASTERN MUNICIPAL WATER DISTRICT
JOHN FOSTER
PO BOX 8300
PERRIS, CA 925728300
(951)928-6107
fosterj@emwd.org

SCG1OM
SC GAS - HEMET (RAMONA)
ROD DURAN
1981 W LUGONIA AVE
REDLANDS, CA 92374
(909)335-7583
rpduran@semprautilities.com

SUNESYSLLC
SUNESYS, LLC
TRENT HORVATH
1325 PICO ST #106
CORONA, CA 92881
(951)278-0400
thorvath@sunesys.com

USCE77
UTILIQUEST FOR SCE DIST - SAN JACINTO

ATTN: MAP REQUEST BLDG D
SANTA ANA, CA 92711-198
(714)796-9999
MAPREQUESTS@SCE.COM

UTWCNRIV
UTILIQUEST 4 TIME WARNER CABLE N RIV CO
COZETTE MILES
1500 AUTO CENTER DR
ONTARIO, CA 91761
(909)975-3398
cozette.miles@twcable.com

UVZMENIF
UTILIQUEST FOR VERIZON - MENIFEE
NO INFORMATION PROVIDED

,

UVZPERS
UTILIQUEST FOR VERIZON - PERRIS

110 G STREET
PERRIS, CA 92370
(951)657-1388

December 3, 2012

Rod Duran
Southern California Gas Company – San Bernardino
1981 W Lugonia Avenue
Redlands, CA 92374

Subject: Pipeline Safety Hazard Assessment for Proposed Middle School (PUS-05.0)

Dear Mr. Duran:

In compliance with CCR Title V Section 14010 (h), the Perris Union High School District (District) has contracted the services of The Planning Center|DC&E to complete a safety hazard assessment related to any hazardous material pipelines located within 1,500 feet of the projects' property lines. The project site is located at the following address:

Proposed Middle School

Southeast corner of Metz Road and Wilson Avenue, Perris, California 92571

The site is located in Riverside County (Please see attached map for exact location.) For any natural gas pipelines **80 psi or greater within 1,500 feet** of the project site, this letter requests the following information:

- Pipeline location(s),
- Classification(s) or Status (active, idle, abandoned, etc.),
- Pipe diameter(s),
- If available, flow rate(s), operating pressure(s) or maximum available operating pressure(s),
- Pipeline condition(s) and frequency of inspection,
- Approximate depth of cover,
- Distance to and location of nearest shutoff valves, and
- If available, "As-Built" drawings.

In the absence flow rate or operating pressure data, we assume that pipeline operating pressures are 80 percent of their maximum allowable operating pressure. The requested data will be used to assess consequence severity related to potential pipeline leaks or ruptures. Thank you for your assistance and please forward this information to my attention at the below address or via email, mwatson@planningcenter.com.

Sincerely,

THE PLANNING CENTER|DC&E

Michael Watson, PG
Associate Geologist

December 21, 2012

Attn: Michael Watson
2850 Inland Empire Boulevard, Suite B
Ontario, CA 91764

Pipeline Information Request: Engineering Project #12-1235

RE: Perris Union High School District is requesting a PIR for presence of any high pressure gas lines within 1,500 feet of the proposed ~16.5 acre proposed middle school site at Wilson Ave and Metz Road, Perris, California, 92571.

Dear Perris Union High School District,

The Gas Company operation and maintenance procedures are in compliance with the Department of Transportation, Title 49 of the Code of Federal Regulations, Part 192. These Company Procedures are on file with the California Public Utilities Commission that audits The Gas Company's compliance annually. In addition, The Gas Company is aware of the new requirement under Title 5, California Code of Regulations, Section 14010 (h), Standards for School Site Selection, which applies to gas pipelines near schools, and has been very responsive in providing necessary pipeline data to outside consultants conducting risk analysis studies on proposed school sites. The new requirement specifies that:

> *"The site shall not be located near an above-ground water or fuel storage tank or within 1500 feet of the easement of an above-ground or underground pipeline that can pose a safety hazard as determined by a risk analysis study, conducted by a competent professional, which may include certification from a local public utility commission."*

The Gas Company continues to strive to reduce the risk to public safety through technological advances, an active pipeline integrity management program, and being an active participant in the statewide Underground Service Alert Program. We operate our pipelines at or below the allowable pressures and make every effort to use the latest engineering advances in the design and construction of our pipeline system. As a result, The Gas Company operates nearly 4,000 miles of high-pressure transmission pipelines and over 44,000 miles of distribution lines collectively, contributing to one of the safest pipeline systems in the nation.

In response to your question concerning the proposed school site located at Wilson Ave and Metz Road, Perris, California, 92571, we have determined that The Gas Company does not currently own and operate any high-pressure pipelines within a 1,500 ft radius.

If there are any further questions, please feel free to contact me.

Sincerely,

Robert Prophete
Region Assoc. Engineer
Office (909) 335-7803

W1-7

W1-7



REGIONAL WILDCAT MAP

SHOWING WELLS NOT ON DIVISION FIELD MAPS

State of California - Department of Conservation

Division of Oil, Gas, and Geothermal Resources

NOTE: Wells with directional surveys on file with the division are indicated with a short line under the well symbol.
Current well status should be confirmed at the appropriate division office.

The Department of Conservation makes no warranties as to the suitability of this product for any particular purpose.

LEGEND

- Drilling
- Drilling - idle
- Plugged and abandoned - dry hole
- Completed - oil
- Idle - oil
- Plugged and abandoned - oil
- Completed - gas
- Idle - gas
- Plugged and abandoned - gas
- Completed - water disposal
- Completed - waterflood
- Idle - observation
- Oil - converted to water disposal
- Completed - gas injection
- Buried idle
- Abandoned - conductor
- Gas injection
- Gas - open to oil zone
- Water source
- Plugged & abandoned - oil & gas
- Gas storage
- Observation
- Gas - converted to gas storage
- Abandoned oil - converted to water disposal
- Oil - converted to air storage
- Plugged and abandoned - waterflood
- Plugged and abandoned - oil to waterflood
- Idle - dual completion - producing oil and disposal
- Field map boundary
- Field boundary

COUNTIES: RIVERSIDE AND SAN DIEGO

N

December 18, 2007

DRAFT

4 0 4
Miles

See Reference Map K

See Reference Map K

W1-4

W1-8

SAN BERNARDINO

RIVERSIDE COUNTY

SAN DIEGO COUNTY

PACIFIC OCEAN

Lake Perris

Lake Elsinore

Canyon Lake

Diamond Valley Lake Reservoir

Skinner Reservoir

Vail Lake

Lake Henshaw

Sutherland Reservoir

Lake Hodges

San Vicente Reservoir

El Capitan Reservoir

Barrett Lake

Lower Otay Reservoir

Sweetwater Reservoir

Mission Bay

San Diego Bay

San Gorgonio River

Whitewater River

Santa Ana River

San Luis Rey River

Desert Hot Springs (Geothermal)

1S 1W 1E 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Appendix C Environmental Database Search Report

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Perris Middle School
Wilson Avenue/ Dale Street
Perris, CA 92571

Inquiry Number: 3469205.3
December 04, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/04/12

Site Name:
Perris Middle School
Wilson Avenue/ Dale Street
Perris, CA 92571

EDR Inquiry # 3469205.3

Client Name:
The Planning Center
3 Macarthur Place
Santa Ana, CA 92707-0000

Contact: Denise Clendening

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by The Planning Center were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Perris Middle School
Address: Wilson Avenue/ Dale Street
City, State, Zip: Perris, CA 92571
Cross Street:
P.O. # PUS-05
Project: Perris Middle School
Certification # DC4E-41F0-A7F4

Sanborn® Library search results
Certification # DC4E-41F0-A7F4

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Perris Middle School
Wilson Avenue/ Dale Street
Perris, CA 92571

Inquiry Number: 3469205.2s
December 04, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

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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 was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

WILSON AVENUE/ DALE STREET
PERRIS, CA 92571

COORDINATES

Latitude (North):	33.7932000 - 33˚ 47' 35.52''
Longitude (West):	117.2127000 - 117˚ 12' 45.72''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	480309.7
UTM Y (Meters):	3739053.2
Elevation:	1422 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	33117-G2 PERRIS, CA
Most Recent Revision:	1979

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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 search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List

EXECUTIVE SUMMARY

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls
LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System
WDS ---------- Waste Discharge System

State and tribal leaking storage tank lists

SLIC ---------- Statewide SLIC Cases
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST ---------- Active UST Facilities

AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP ---------- Voluntary Cleanup Program Properties
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
CDL ---------- Clandestine Drug Labs
US HIST CDL ---------- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST ---------- Facility Inventory Database
HIST UST ---------- Hazardous Substance Storage Container Database
SWEEPS UST ---------- SWEEPS UST Listing

Local Land Records

LIENS 2 ---------- CERCLA Lien Information
LIENS ---------- Environmental Liens Listing
DEED ---------- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
CHMIRS ---------- California Hazardous Material Incident Report System
LDS ---------- Land Disposal Sites Listing
MCS ---------- Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen ---------- RCRA - Non Generators

EXECUTIVE SUMMARY

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN	Bond Expenditure Plan
UIC	UIC Listing
NPDES	NPDES Permits Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE	Hazardous Waste & Substance Site List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
PCB TRANSFORMER	PCB Transformer Registration Database
PROC	Certified Processors Database
MWMP	Medical Waste Management Program Listing
COAL ASH DOE	Steam-Electric Plant Operation Data
PRP	Potentially Responsible Parties
2020 COR ACTION	2020 Corrective Action Program List
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
HWT	Registered Hazardous Waste Transporter Database
HWP	EnviroStor Permitted Facilities Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
EDR Historical Auto Stations	EDR Proprietary Historic Gas Stations
EDR Historical Cleaners	EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/05/2012 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILSON/NUEVO ELEMENTARY Status: Inactive - Needs Evaluation	***WILSON AVENUE/NUEVO ROA***	***N 1/2 - 1 (0.515 mi.)***	***2***	***18***
PROPOSED CLEARWATER ELEMENTARY Status: No Further Action	***1644 MURRIETA ROAD***	***NNE 1/2 - 1 (0.565 mi.)***	***3***	***20***
PERRIS UNION HIGH SCHL DIST Status: No Further Action	***175 EAST NUEVO RD***	***NW 1/2 - 1 (0.816 mi.)***	***5***	***23***
COMMUNITY DAY EXPANSION Status: No Further Action	***7TH STREET/REDLANDS AVE***	***SSW 1/2 - 1 (0.895 mi.)***	***6***	***26***

State and tribal leaking storage tank lists

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 10/17/2012 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATION Status: Open - Remediation	***490 E SAN JACINTO AVE***	***SSW 1/4 - 1/2 (0.387 mi.)***	***1***	***8***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

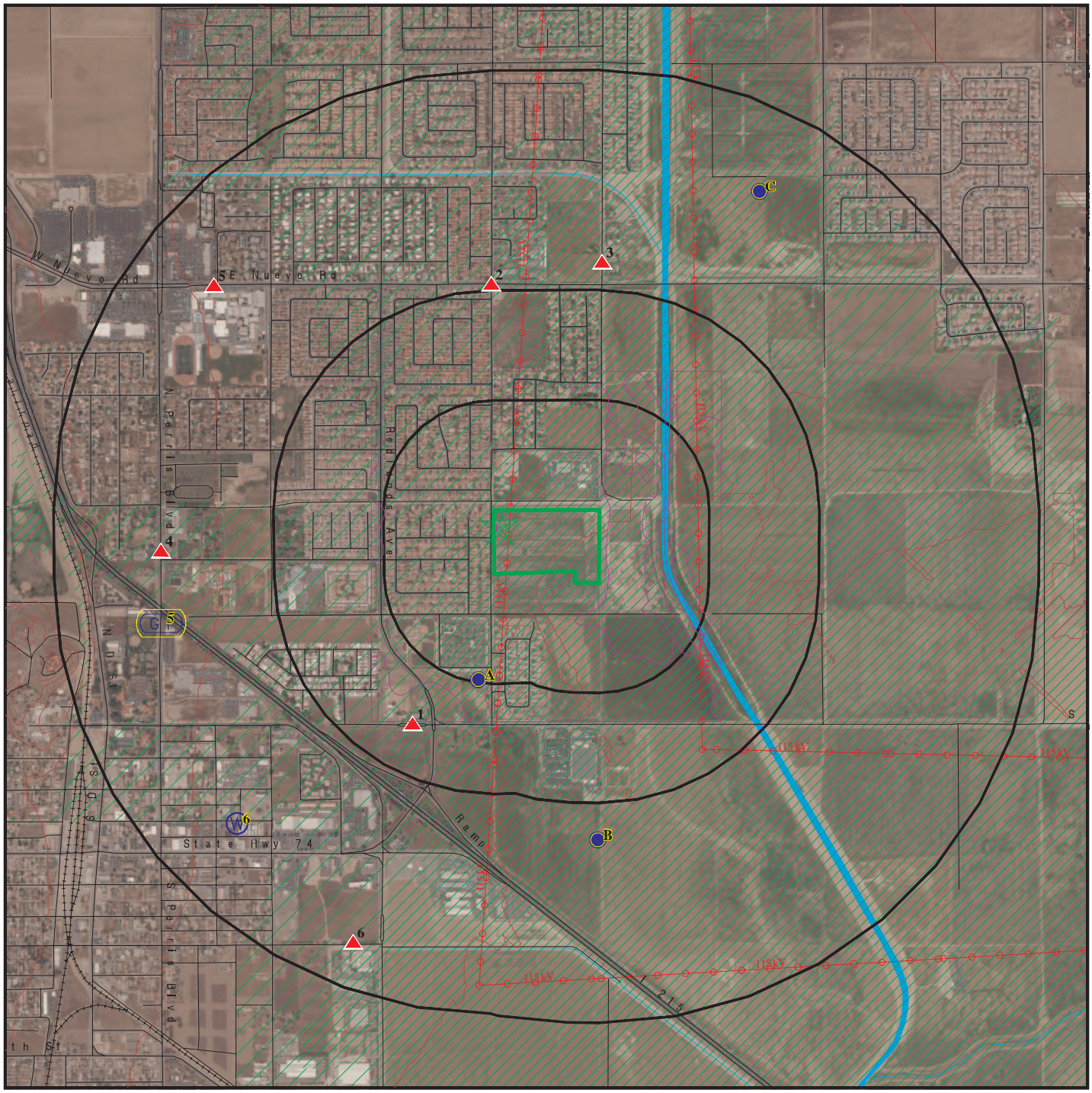
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WELLS, MONTE	690 PERRIS BOULEVARD	W 1/2 - 1 (0.757 mi.)	4	23

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
BELL GRAIN AND MILLING	LUST,HIST CORTESE
E.M.W.D. PERRIS PUMPING PLANT	LUST
PERRIS SCHOOL DISTRICT	FID
GREENWASTE,PERRIS	WMUDS/SWAT
CITY OF PERRIS REDEVELOPMENT AGENC	HAZNET
PERRIS GARAGE	RCRA-SQG,FINDS
RIVERSIDE COUNTY TRANSPOR COMMISIO	RCRA-SQG
ONE STOP BATTERIES	RCRA-NLR
	ERNS
	ERNS
	ERNS
	ERNS
	ERNS
CITY OF PERRIS ILLEGAL DUMP SITE	FINDS
CITY OF PERRIS	FINDS
EASTERN MWD, PERRIS VALLEY	FINDS
PERRIS ELEMENTARY	FINDS
PERRIS VALLEY	FINDS
PERRIS VALLEY REGIONAL WATER RECLA	FINDS
CITY OF PERRIS	ICIS

OVERVIEW MAP - 3469205.2s



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
National Priority List Sites
Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA
Power transmission lines
Oil & Gas pipelines from USGS
100-year flood zone
500-year flood zone

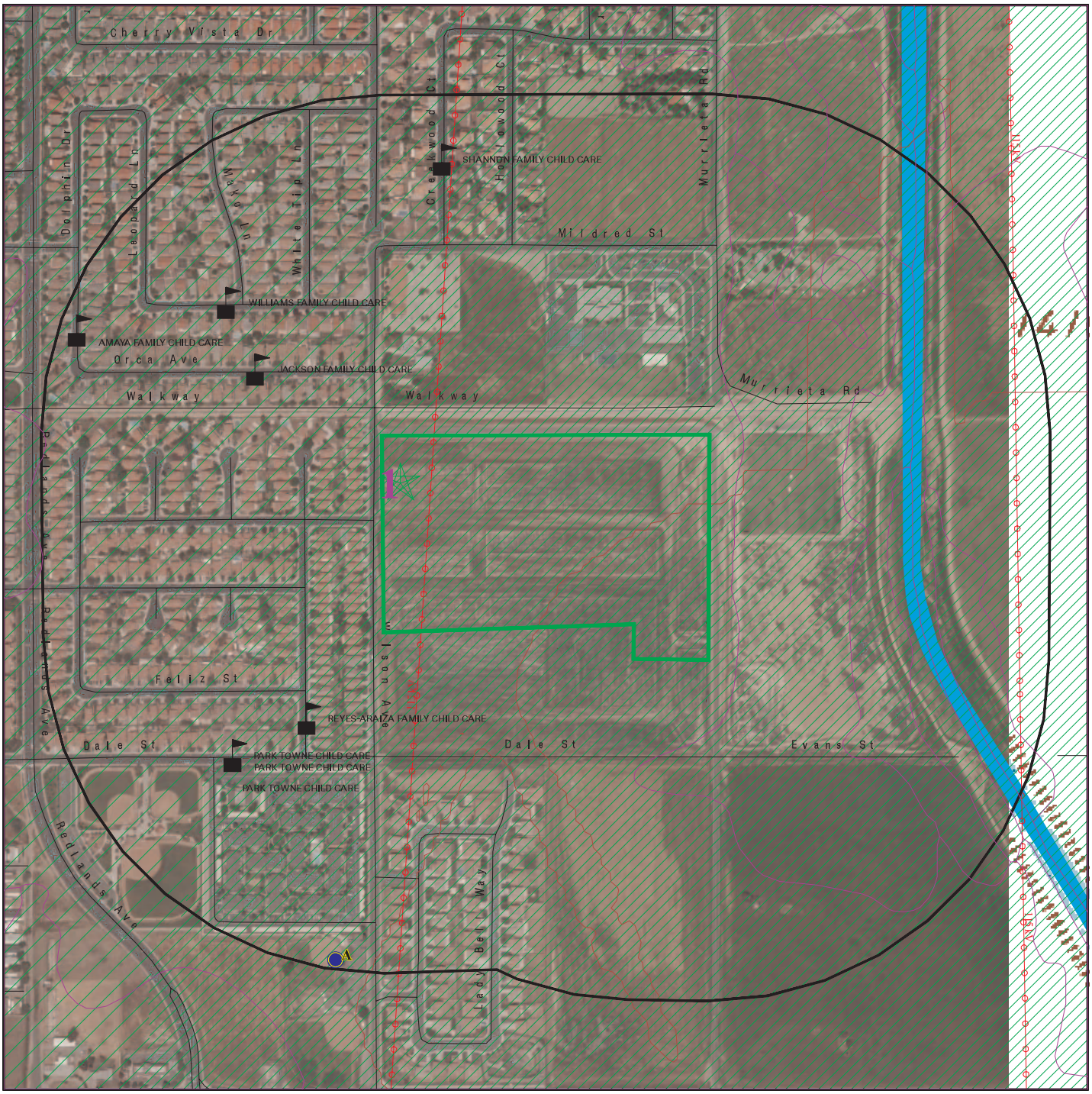
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Perris Middle School	CLIENT:	The Planning Center
ADDRESS:	Wilson Avenue/ Dale Street Perris CA 92571	CONTACT:	Denise Clendening
LAT/LONG:	33.7932 / 117.2127	INQUIRY #:	3469205.2s
		DATE:	December 04, 2012 8:53 pm

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DETAIL MAP - 3469205.2s



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
Sensitive Receptors
National Priority List Sites
Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA
Power transmission lines
Oil & Gas pipelines from USGS
100-year flood zone
500-year flood zone

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Perris Middle School	CLIENT:	The Planning Center
ADDRESS:	Wilson Avenue/ Dale Street Perris CA 92571	CONTACT:	Denise Clendening
LAT/LONG:	33.7932 / 117.2127	INQUIRY #:	3469205.2s
		DATE:	December 04, 2012 8:55 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	4	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Historical Auto Stations	0.250		0	0	NR	NR	NR	0
EDR Historical Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
SSW
1/4-1/2
0.387 mi.
2042 ft.

SHELL SERVICE STATION
490 E SAN JACINTO AVE
PERRIS, CA 92571

RCRA-SQG
FINDS
LUST
HAZNET

1006805308
CAR000125724

Relative:
Higher

Actual:
1423 ft.

RCRA-SQG:

Date form received by agency:	08/14/2002
Facility name:	SHELL SERVICE STATION
Facility address:	490 E SAN JACINTO AVE S A P NO 135758 PERRIS, CA 92571
EPA ID:	CAR000125724
Mailing address:	P O BOX 2648 HOUSTON, TX 772522648
Contact:	SONDRA BIENVENU
Contact address:	P O BOX 2648 HOUSTON, TX 772522648
Contact country:	US
Contact telephone:	(713) 241-5036
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	EQUILON ENTERPRISES LLC DBA
Owner/operator address:	P O BOX 2648 HOUSTON, TX 77252
Owner/operator country:	Not reported
Owner/operator telephone:	(713) 241-5036
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

SHELL SERVICE STATION (Continued) **1006805308**

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110013292150

Environmental Interest/Information System
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Region: STATE
Global Id: T0606598102
Latitude: 33.787058944
Longitude: -117.216094294
Case Type: LUST Cleanup Site
Status: Open - Remediation
Status Date: 10/28/2010
Lead Agency: RIVERSIDE COUNTY LOP
Case Worker: SCB
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: Not reported
LOC Case Number: 200319648
File Location: Local Agency
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: ***Site data prior to 2005 not uploaded to GeoTracker *** Soil and gw samples were taken as part of the Shell Grasp (Groundwater Assessment Program) in March 2003. Groundwater was encountered at 70? and had 200,000 ppb TPHg200,000 ppb MTBE, and 37,000 ppb TBA. 10 soil borings were drilled and 4 of the borings were converted to gw mon wells (MW-1 through MW-4) in January 2004. SB-5 through SB-8 were angle drilled under the dispensers. The water in all four gw wells was impacted with up to 14000 ppb TPHg (MW-2), 110 ppb B

SHELL SERVICE STATION (Continued) **1006805308**

(MW-2), 2.8 ppb T (MW-3), , 6.7 ppb X (MW-3), 37000 ppb MTBE (MW-2), 1000 ppb TBA (MW-1), 160 ppb TAME (MW-2). A Phase II env. assessment was conducted in May 2005. 8 soil borings were drilled near the dispenser islands, piping and clarifier. Only one boring had any hits (SB-15) with a maximum of 30 ppm TRPH. Seven borings were drilled and converted to gw. mon wells (MW-5 through MW-11) in December 2004. 5 off-site wells (MW-12 through MW-16) were drilled in January 2006. All 5 wells had gw impacts. 3 SVE wells were installed January 30, 2006. 6 oxygen injection wells were installed Feb 1-3, 2006. An SVE pilot test was conducted Feb. 15, 2006. 0.24 lbs of TPHg was removed during the 8 hour test. The ROI was calculated to be 83-85?. 3 off-site wells (MW-17 through MW-19) were drilled March 22, 2006. No MTBE or TBA was detected in the soil. Up of 0.66 ppm TPHg was detected. The SVE system was started up Aug. 30, 2006 and operated until January 25, 2007. 84 lbs of TPHg was removed. The oxygen injection system was started Jan. 3, 2007. 7 confirmation borings (CB-1 through CB-7) were drilled in June 2007 to 80?. The maximum soil concentration for TPHg was 0.22 ppm, TPHd was 110 ppm, MTBE was 0.57 ppm and TBA was 5.3 ppm. 2 mon well (MW-20 and MW-22) and 4 sparge wells (SP-11, SP-13, SP-14, and SP-17) were installed May 23-25, 2007. 4 CPT borings (CPT-1 through CPT-4) were installed Sept. 9, 2007. Up to 2500 ppb TPHg, 4200 ppb MTBE, and 3000 ppb TBA was detected in the gw. 2 mon wells (MW-21 and MW-23) and 11 biosparge wells (SP-10, SP-12, SP-15, SP-16, SP-18 through SP-24) were installed in Nov. 2007. Maximum gw concentrations were 12000 ppb TPHg, 17000 ppb MTBE and 59000 ppb TBA. 2 gw mon wells (MW-21 and MW-23) and 11 biosparge wells (SP-10, SP-12. SP-15, SP-16, SP-18 through SP-24) were installed Nov. 26 though 28, 2007. Up to 12000 ppb TPHg, 17000 ppb MTBE, and 59000 ppb TBA was detected in the gw. 2 off-site gw mon. wells (MW-24 and MW-25) were installed July 14-15, 2008. 2 off-site gw. mon. wells (MW-26 and MW-27) were installed in June 2009. GW plume has been defined. 8 sparge injection wells (SP-25 through SP-32) were installed July 22-23, 2010 and July 26-27, 2010 and were connected to the existing oxygen pulse injection system on Aug 16, 2010.

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606598102
Contact Type:	Local Agency Caseworker
Contact Name:	LINDA SHURLOW
Organization Name:	RIVERSIDE COUNTY LOP
Address:	47950 Arabia Street, Suite A
City:	Indio
Email:	lshurlow@rivcocha.org
Phone Number:	7608637570

Global Id:	T0606598102
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	cbernhardt@waterboards.ca.gov
Phone Number:	9517824495

SHELL SERVICE STATION (Continued) **1006805308**

LUST:

Global Id:	T0606598102
Action Type:	ENFORCEMENT
Date:	03/10/2011
Action:	File review - #RCDEH Site File
Global Id:	T0606598102
Action Type:	RESPONSE
Date:	06/29/2007
Action:	Well Installation Report
Global Id:	T0606598102
Action Type:	RESPONSE
Date:	06/08/2007
Action:	Other Report / Document
Global Id:	T0606598102
Action Type:	ENFORCEMENT
Date:	10/16/2008
Action:	File review
Global Id:	T0606598102
Action Type:	ENFORCEMENT
Date:	04/08/2008
Action:	Staff Letter - #RCDEH040808
Global Id:	T0606598102
Action Type:	ENFORCEMENT
Date:	08/07/2007
Action:	Staff Letter - #RCDEH 080707
Global Id:	T0606598102
Action Type:	ENFORCEMENT
Date:	09/17/2007
Action:	Technical Correspondence / Assistance / Other - #RCDEH 091707
Global Id:	T0606598102
Action Type:	ENFORCEMENT
Date:	03/28/2011
Action:	Technical Correspondence / Assistance / Other - #RCDEH 032811
Global Id:	T0606598102
Action Type:	RESPONSE
Date:	09/09/2007
Action:	Other Report / Document
Global Id:	T0606598102
Action Type:	RESPONSE
Date:	01/25/2008
Action:	Well Installation Report
Global Id:	T0606598102
Action Type:	RESPONSE
Date:	07/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0606598102

SHELL SERVICE STATION (Continued) **1006805308**

Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 04/09/2007
Action: Technical Correspondence / Assistance / Other - #04/09/07

Global Id: T0606598102
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 07/11/2008
Action: Well Installation Report

Global Id: T0606598102
Action Type: REMEDIATION
Date: 01/01/1950
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 11/14/2007
Action: Staff Letter - #RCDEH111407

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 11/01/2010
Action: Letter - Notice - #RCDEH110110

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 02/23/2011
Action: Meeting

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 07/10/2012
Action: Technical Correspondence / Assistance / Other - #RCDEH 071012

Global Id: T0606598102
Action Type: RESPONSE
Date: 08/31/2010
Action: Well Installation Report

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 05/27/2008
Action: Staff Letter - #RCDEH052708

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 12/21/2011

SHELL SERVICE STATION (Continued) **1006805308**

Action: Staff Letter - #RCDEH 122111

Global Id: T0606598102
Action Type: RESPONSE
Date: 03/15/2012
Action: CAP/RAP - Feasibility Study Report

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 07/15/2010
Action: Staff Letter - #RCDEH 071510

Global Id: T0606598102
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Annually

Global Id: T0606598102
Action Type: REMEDIATION
Date: 01/01/1950
Action: Soil Vapor Extraction (SVE)

Global Id: T0606598102
Action Type: RESPONSE
Date: 07/24/2009
Action: Other Report / Document

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 11/14/2007
Action: File review

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 02/13/2009
Action: File review

Global Id: T0606598102
Action Type: RESPONSE
Date: 01/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 04/15/2012
Action: Monitoring Report - Annually

Global Id: T0606598102
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Quarterly

SHELL SERVICE STATION (Continued) **1006805308**

Global Id: T0606598102
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 06/01/2009
Action: Other Workplan

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 08/17/2009
Action: Staff Letter - #RCDEH081709

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 08/13/2009
Action: Staff Letter - #RCDEH081309

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 09/21/2011
Action: Meeting

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 05/01/2012
Action: Meeting

Global Id: T0606598102
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0606598102
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0606598102
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE

SHELL SERVICE STATION (Continued) **1006805308**

Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 05/18/2009
Action: Staff Letter - #RCDEH 051809

Global Id: T0606598102
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606598102
Action Type: ENFORCEMENT
Date: 12/15/2009
Action: Staff Letter - #RCDEH121509

Global Id: T0606598102
Action Type: RESPONSE
Date: 09/28/2007
Action: Other Report / Document

Global Id: T0606598102
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

SHELL SERVICE STATION (Continued) **1006805308**

Global Id: T0606598102
Action Type: RESPONSE
Date: 05/09/2008
Action: Other Workplan

Global Id: T0606598102
Action Type: RESPONSE
Date: 09/30/2008
Action: Well Installation Report

Global Id: T0606598102
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

RIVERSIDE CO. LUST:
Region: RIVERSIDE
Facility ID: 200319648
Employee: Shurlow-LOP
Site Closed: Not Closed
Case Type: Drinking Water Aquifer affected
Facility Status: 8

HAZNET:
Year: 2010
Gepaid: CAL000344515
Contact: ASSAD MOSTAMAND
Telephone: 9518051151
Mailing Name: Not reported
Mailing Address: 490 E SAN JACINTO AVE
Mailing City,St,Zip: PERRIS, CA 925712833
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Facility County: Riverside

Year: 2007
Gepaid: CAR000125724
Contact: R HULL/ENV. REPORTING ANALYST
Telephone: 2818742224
Mailing Name: Not reported
Mailing Address: 12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip: Houston, TX 770670000
Gen County: Riverside
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2.06
Facility County: Riverside

SHELL SERVICE STATION (Continued) **1006805308**

Year:	2007
Gepaid:	CAR000125724
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Riverside
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	1.3
Facility County:	Riverside

Year:	2007
Gepaid:	CAR000125724
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Riverside
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Contaminated soil from site clean-up
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	8.25
Facility County:	Riverside

Year:	2006
Gepaid:	CAR000125724
Contact:	R HULL/ENV. REPORTING ANALYST
Telephone:	2818742224
Mailing Name:	Not reported
Mailing Address:	12700 NORTHBOROUGH DR 300G03
Mailing City,St,Zip:	Houston, TX 770670000
Gen County:	Riverside
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.02
Facility County:	Riverside

Click this hyperlink while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

2 **WILSON/NUEVO ELEMENTARY** **SCH** **S107737632**
North **WILSON AVENUE/NUEVO ROAD** **ENVIROSTOR** **N/A**
1/2-1 **PERRIS, CA 92571**
0.515 mi.
2721 ft.

Relative:
Higher

Actual:
1426 ft.

SCH:

Facility ID:	33010018
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	11.21
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404121
Assembly:	61
Senate:	31
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	01/25/2001
Restricted Use:	NO
Funding:	School District
Latitude:	33.78522
Longitude:	-117.2271
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	PERRIS ELEM. SD-WILSON/NUEVO/VCA
Alias Type:	Alternate Name
Alias Name:	PERRIS ELEMENTARY SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	WILSON/NUEVO ELEMENTARY SCH. (PROPOSED)
Alias Type:	Alternate Name
Alias Name:	WILSON/NUEVO ELEMENTARY SCHOOL (PROP)
Alias Type:	Alternate Name
Alias Name:	404121
Alias Type:	Project Code (Site Code)
Alias Name:	33010018
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	01/25/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	09/05/2000
Comments:	Not reported

WILSON/NUEVO ELEMENTARY (Continued) **S107737632**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/20/2001
Comments: The project was dropped in August 2002.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Site Type: School Investigation
Site Type Detailed: School
Acres: 11.21
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 33010018
Site Code: 404121
Assembly: 61
Senate: 31
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: 01/25/2001
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 33.78522
Longitude: -117.2271
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: PERRIS ELEM. SD-WILSON/NUEVO/VCA
Alias Type: Alternate Name
Alias Name: PERRIS ELEMENTARY SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: WILSON/NUEVO ELEMENTARY SCH. (PROPOSED)
Alias Type: Alternate Name
Alias Name: WILSON/NUEVO ELEMENTARY SCHOOL (PROP)
Alias Type: Alternate Name
Alias Name: 404121
Alias Type: Project Code (Site Code)
Alias Name: 33010018
Alias Type: Envirostor ID Number

Completed Info:

WILSON/NUEVO ELEMENTARY (Continued) **S107737632**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	01/25/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	09/05/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	04/20/2001
Comments:	The project was dropped in August 2002.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

---

3 **PROPOSED CLEARWATER ELEMENTARY SCHOOL** **SCH** **S109034338**
NNE **1644 MURRIETA ROAD** **ENVIROSTOR** **N/A**
1/2-1 **PERRIS, CA 92570**
0.565 mi.
2982 ft.

Relative:
Higher

Actual:
1425 ft.

SCH:

Facility ID:	60000824
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	14.1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager:	Amit Pathak
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404780
Assembly:	61
Senate:	31
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	11/06/2008
Restricted Use:	NO
Funding:	School District
Latitude:	33.80255
Longitude:	-117.2097

PROPOSED CLEARWATER ELEMENTARY SCHOOL (Continued) **S109034338**

APN: 320320002
Past Use: AGRICULTURAL - ORCHARD, RESIDENTIAL AREA
Potential COC: 30001, 30006, 30007, 30008, 30010, 30013
Confirmed COC: 30001-NO,30006-NO,30007-NO,30008-NO,30010-NO,30013-NO
Potential Description: SOIL
Alias Name: 320320002
Alias Type: APN
Alias Name: 404780
Alias Type: Project Code (Site Code)
Alias Name: 60000824
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/13/2008
Comments: DTSC concurred with the sampling strategy technical memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/19/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/04/2008
Comments: Rec'd executed Agreement from Sharon.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2008
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Site Type: School Investigation
Site Type Detailed: School
Acres: 14.1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Amit Pathak
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach

PROPOSED CLEARWATER ELEMENTARY SCHOOL (Continued) **S109034338**

Facility ID: 60000824
Site Code: 404780
Assembly: 61
Senate: 31
Special Program: Not reported
Status: No Further Action
Status Date: 11/06/2008
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 33.80255
Longitude: -117.2097
APN: 320320002
Past Use: AGRICULTURAL - ORCHARD, RESIDENTIAL AREA
Potential COC: 30001, 30006, 30007, 30008, 30010, 30013
Confirmed COC: 30001-NO,30006-NO,30007-NO,30008-NO,30010-NO,30013-NO
Potential Description: SOIL
Alias Name: 320320002
Alias Type: APN
Alias Name: 404780
Alias Type: Project Code (Site Code)
Alias Name: 60000824
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/13/2008
Comments: DTSC concurred with the sampling strategy technical memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 08/19/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/04/2008
Comments: Rec'd executed Agreement from Sharon.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2008
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

4
West
1/2-1
0.757 mi.
3995 ft.

WELLS, MONTE
690 PERRIS BOULEVARD
PERRIS, CA 90070

Notify 65 **S100179272**
N/A

Relative:
Higher

Actual:
1449 ft.

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:	90070

5
NW
1/2-1
0.816 mi.
4310 ft.

PERRIS UNION HIGH SCHL DIST
175 EAST NUEVO RD
PERRIS, CA 92370

SCH **S103636303**
HAZNET **N/A**
ENVIROSTOR

Relative:
Higher

Actual:
1438 ft.

SCH:

Facility ID:	33820004
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	34
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404184
Assembly:	61
Senate:	31
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	05/13/2002
Restricted Use:	NO
Funding:	School District
Latitude:	33.79935
Longitude:	-117.2238
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	, 30024
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	PERRIS HIGH SCHOOL EXPANSION
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD/PERRIS HIGH
Alias Type:	Alternate Name
Alias Name:	404184
Alias Type:	Project Code (Site Code)
Alias Name:	33820004
Alias Type:	Envirostor ID Number

PERRIS UNION HIGH SCHL DIST (Continued) **S103636303**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/13/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	09/05/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/27/2002
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

HAZNET:

Year:	1997
Gepaid:	CAD982330540
Contact:	PERRIS UNIFIED SCHOOL DISTRICT
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1151 N A ST
Mailing City,St,Zip:	PERRIS, CA 925701909
Gen County:	Riverside
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Transfer Station
Tons:	.1251
Facility County:	Riverside

Year:	1993
Gepaid:	CAD982330540
Contact:	PERRIS UNIFIED SCHOOL DISTRICT
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	1151 N A ST
Mailing City,St,Zip:	PERRIS, CA 925701909
Gen County:	Riverside
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil

PERRIS UNION HIGH SCHL DIST (Continued) **S103636303**

Disposal Method: Recycler
Tons: 2.7105
Facility County: Riverside

ENVIROSTOR:
Site Type: School Investigation
Site Type Detailed: School
Acres: 34
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Facility ID: 33820004
Site Code: 404184
Assembly: 61
Senate: 31
Special Program: Not reported
Status: No Further Action
Status Date: 05/13/2002
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 33.79935
Longitude: -117.2238
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: , 30024
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: PERRIS HIGH SCHOOL EXPANSION
Alias Type: Alternate Name
Alias Name: PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: PERRIS UNION HSD/PERRIS HIGH
Alias Type: Alternate Name
Alias Name: 404184
Alias Type: Project Code (Site Code)
Alias Name: 33820004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 09/05/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

PERRIS UNION HIGH SCHL DIST (Continued) **S103636303**

Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/27/2002
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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6 **COMMUNITY DAY EXPANSION** **SCH** **S104549118**
SSW **7TH STREET/REDLANDS AVENUE** **ENVIROSTOR** **N/A**
1/2-1 **PERRIS, CA 92570**
0.895 mi.
4726 ft.

Relative:
Higher

Actual:
1423 ft.

SCH:

Facility ID:	33010014
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404128
Assembly:	67
Senate:	28
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	05/01/2001
Restricted Use:	NO
Funding:	School District
Latitude:	33.7792
Longitude:	-117.3085
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	, 30007, 30008, 30156, 30013
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	COMMUNITY DAY EXPANSION
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD-COM.DAY SCH EXP./CDE
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD/COMMUNITY DAY SCH/VCA
Alias Type:	Alternate Name
Alias Name:	404113

COMMUNITY DAY EXPANSION (Continued) **S104549118**

Alias Type: Project Code (Site Code)
Alias Name: 404128
Alias Type: Project Code (Site Code)
Alias Name: 33010014
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/27/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 11/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 05/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/04/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/16/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

COMMUNITY DAY EXPANSION (Continued) **S104549118**

ENVIROSTOR:

Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Facility ID:	33010014
Site Code:	404128
Assembly:	67
Senate:	28
Special Program:	Not reported
Status:	No Further Action
Status Date:	05/01/2001
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	School District
Latitude:	33.7792
Longitude:	-117.3085
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	, 30007, 30008, 30156, 30013
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	COMMUNITY DAY EXPANSION
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD-COM.DAY SCH EXP./CDE
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD/COMMUNITY DAY SCH/VCA
Alias Type:	Alternate Name
Alias Name:	404113
Alias Type:	Project Code (Site Code)
Alias Name:	404128
Alias Type:	Project Code (Site Code)
Alias Name:	33010014
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	05/01/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	06/27/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

COMMUNITY DAY EXPANSION (Continued) **S104549118**

Completed Document Type: * Workplan
Completed Date: 11/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 05/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 07/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/04/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/16/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PERRIS	1000905354	PERRIS GARAGE	25261 E 4TH ST	92570	RCRA-SQG,FINDS
PERRIS	1005584645	EASTERN MWD, PERRIS VALLEY	PERRIS VALLEY	92571	FINDS
PERRIS	1006837213	CITY OF PERRIS ILLEGAL DUMP SITE	WEST END OF 11TH STREET	92570	FINDS
PERRIS	1007091436	RIVERSIDE COUNTY TRANSPOR COMMISIO	24521 HWY 74	92570	RCRA-SQG
PERRIS	1008041871	CITY OF PERRIS	101 NORTH	92570	FINDS
PERRIS	1008302594	PERRIS ELEMENTARY	500 A ST.	92570	FINDS
PERRIS	1011488201	ONE STOP BATTERIES	24215.5 HWY 74	92570	RCRA-NLR
PERRIS	1011540596	CITY OF PERRIS	101 NORTH PERRIS CA 9257	92570	ICIS
PERRIS	1012067467	PERRIS VALLEY REGIONAL WATER RECLA	1301 CASE ROAD	92570	FINDS
PERRIS	1014679391	PERRIS VALLEY	UNKNOWN	92570	FINDS
PERRIS	2006808906		PERRIS VALLEY		ERNS
Perris	99634298		Ellis Blvd cross of Perris Blv	92570	ERNS
Perris	99634645		Winston Tire, North Perris Blv	92570	ERNS
Perris	99634817		Ellis Blvd cross of Perris Blv	92570	ERNS
Perris	99635164		Winston Tire, North Perris Blv	92570	ERNS
PERRIS	S101589910	PERRIS SCHOOL DISTRICT	SEVENTH & PARK ST	92570	FID
PERRIS	S102429236	E.M.W.D. PERRIS PUMPING PLANT	1330 WATSON RD	92570	LUST
PERRIS CA	S104384484	GREENWASTE,PERRIS	3202 GOETZ RD	92570	WMUDS/SWAT
PERRIS	S105025544	BELL GRAIN AND MILLING	17971 215	92370	LUST,HIST CORTESE
PERRIS	S105083353	CITY OF PERRIS REDEVELOPMENT AGENC	APN# 326-282-19	92570	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.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

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 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by 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 received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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: 06/07/2012
Date Data Arrived at EDR: 07/05/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 75

Source: EPA
Telephone: N/A
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

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: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Transporters are individuals or entities that move hazardous waste from the generator offsite 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: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/19/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 1: Active Toxic Site Investigation

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: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

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. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
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: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/30/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-5092
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 75

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
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: 11/05/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 10/24/2012
Date Data Arrived at EDR: 10/26/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database
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.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/17/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/12/2012
Number of Days to Update: 23

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 07/09/2012
Date Data Arrived at EDR: 07/12/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 56

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

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. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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: 11/05/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

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.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 09/18/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 14

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/10/2012
Date Data Arrived at EDR: 09/11/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/28/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 24

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

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: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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: 06/01/2012
Date Data Arrived at EDR: 07/24/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

ROD: Records Of Decision

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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/19/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

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: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 08/14/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 14

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/19/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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: 10/01/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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 [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

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: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 10/11/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/28/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/17/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 14

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/19/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 21

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 11/02/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/14/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/15/2012
Date Data Arrived at EDR: 10/16/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/28/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/28/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/09/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 26

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/09/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 10/24/2012
Number of Days to Update: 12

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Semi-Annually

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/17/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 27

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 08/16/2012
Date Data Arrived at EDR: 08/22/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 42

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/10/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 27

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Semi-Annually

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/22/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 42

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
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: 09/30/2012
Date Data Arrived at EDR: 10/05/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 18

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/28/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
CUPA facility list.

Date of Government Version: 09/10/2012
Date Data Arrived at EDR: 09/11/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 22

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 40

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 06/26/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 08/17/2012
Number of Days to Update: 51

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 07/10/2012
Date Data Arrived at EDR: 07/12/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 56

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 06/28/2012
Date Data Arrived at EDR: 09/25/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 28

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/26/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/22/2012
Date Data Arrived at EDR: 10/23/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 38

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/23/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/23/2012
Date Data Arrived at EDR: 10/25/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 36

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 19

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county?s Certified Unified Program Agency database. California?s Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 09/17/2012
Date Data Arrived at EDR: 09/18/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 15

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 07/24/2012
Date Data Arrived at EDR: 07/31/2012
Date Made Active in Reports: 09/14/2012
Number of Days to Update: 45

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 11/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 09/18/2012
Date Data Arrived at EDR: 09/19/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 14

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/18/2012
Date Data Arrived at EDR: 09/18/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 15

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/16/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/05/2012
Date Data Arrived at EDR: 11/15/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 18

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2012
Date Data Arrived at EDR: 09/11/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 22

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/16/2012
Date Data Arrived at EDR: 10/18/2012
Date Made Active in Reports: 11/07/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/02/2012
Number of Days to Update: 22

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/08/2012
Date Data Arrived at EDR: 10/11/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 33

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
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: 08/29/2012
Date Data Arrived at EDR: 08/30/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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.)

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 44

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 11/30/2012
Number of Days to Update: 24

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/24/2012
Date Data Arrived at EDR: 09/25/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 28

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 09/24/2012
Date Data Arrived at EDR: 09/25/2012
Date Made Active in Reports: 11/02/2012
Number of Days to Update: 38

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 10/17/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 11/13/2012
Number of Days to Update: 25

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/13/2012
Date Data Arrived at EDR: 09/18/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/04/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/13/2012
Date Data Arrived at EDR: 11/14/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 19

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 08/23/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/22/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 36

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/14/2012
Date Data Arrived at EDR: 10/05/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 18

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/14/2012
Date Data Arrived at EDR: 10/09/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 14

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/13/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 20

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/01/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/11/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 22

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/05/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
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.

Date of Government Version: 03/30/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 42

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/21/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/15/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 10/29/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 27

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 09/20/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 33

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 10/23/2012
Number of Days to Update: 19

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/24/2012
Next Scheduled EDR Contact: 01/07/2013
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/16/2012
Date Data Arrived at EDR: 08/16/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 48

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

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.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/19/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/16/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2012
Date Data Arrived at EDR: 08/09/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 55

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 57

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/22/2012
Next Scheduled EDR Contact: 02/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/18/2012
Next Scheduled EDR Contact: 12/31/2012
Data Release Frequency: Annually

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: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 2003 & 2011 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 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PERRIS MIDDLE SCHOOL
WILSON AVENUE/ DALE STREET
PERRIS, CA 92571

TARGET PROPERTY COORDINATES

Latitude (North):	33.7932 - 33° 47' 35.52''
Longitude (West):	117.2127 - 117° 12' 45.72''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	480309.7
UTM Y (Meters):	3739053.2
Elevation:	1422 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	33117-G2 PERRIS, CA
Most Recent Revision:	1979

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.

Assessment of the impact of contaminant migration generally has two principal 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.

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).

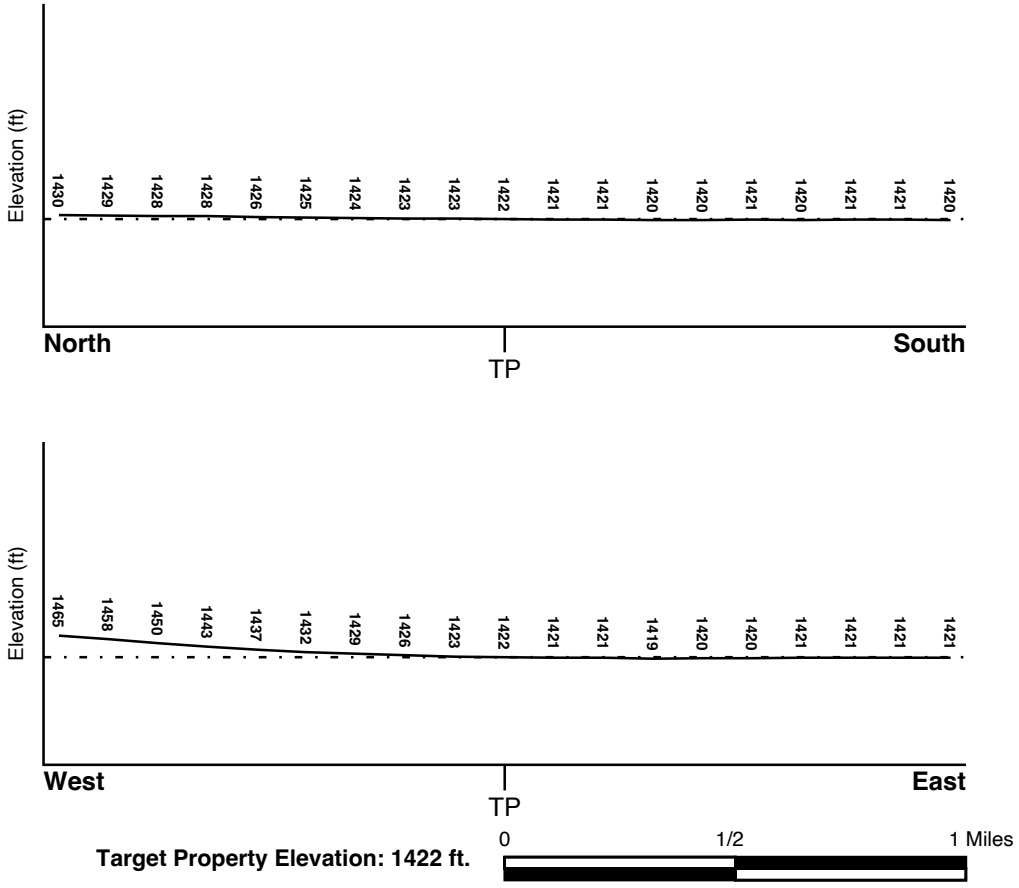
TOPOGRAPHIC INFORMATION

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

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 1422 ft.

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	FEMA Flood Electronic Data
RIVERSIDE, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06065C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
5	1/2 - 1 Mile WSW	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

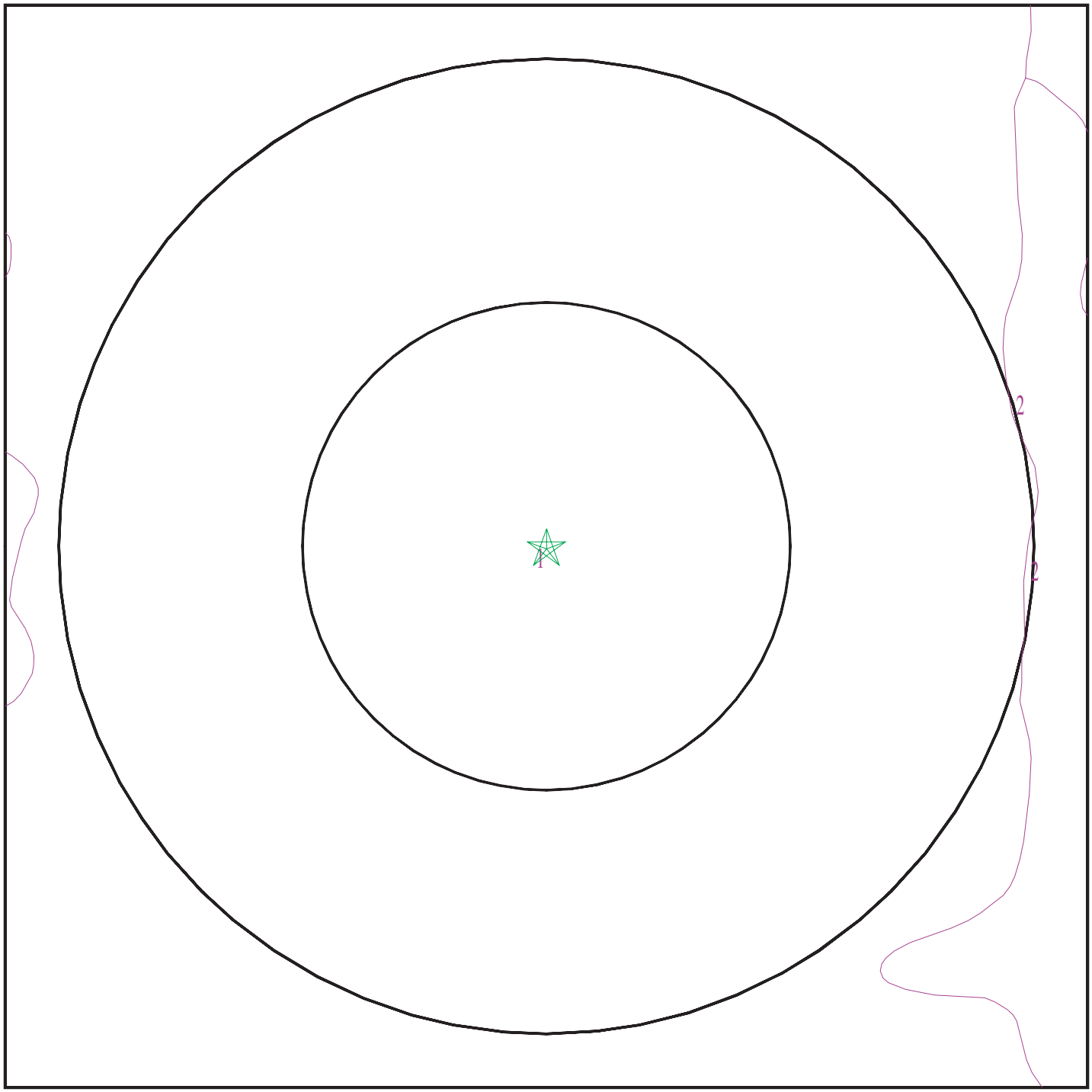
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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).

SSURGO SOIL MAP - 3469205.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Perris Middle School	CLIENT:	The Planning Center
ADDRESS:	Wilson Avenue/ Dale Street Perris CA 92571	CONTACT:	Denise Clendening
LAT/LONG:	33.7932 / 117.2127	INQUIRY #:	3469205.2s
		DATE:	December 04, 2012 8:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: DOMINO

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 9 Min: 7.9
2	14 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 9 Min: 7.9
3	27 inches	35 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 9 Min: 7.9
4	35 inches	62 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 9 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: DOMINO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	fine sandy 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: 4 Min: 1.4	Max: 9 Min: 7.9
2	14 inches	27 inches	silt 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: 4 Min: 1.4	Max: 9 Min: 7.9
3	27 inches	35 inches	cemented	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: 4 Min: 1.4	Max: 9 Min: 7.9
4	35 inches	62 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: 4 Min: 1.4	Max: 9 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS3124822	1/4 - 1/2 Mile South
B4	USGS3124807	1/2 - 1 Mile SSE
C8	USGS3124675	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

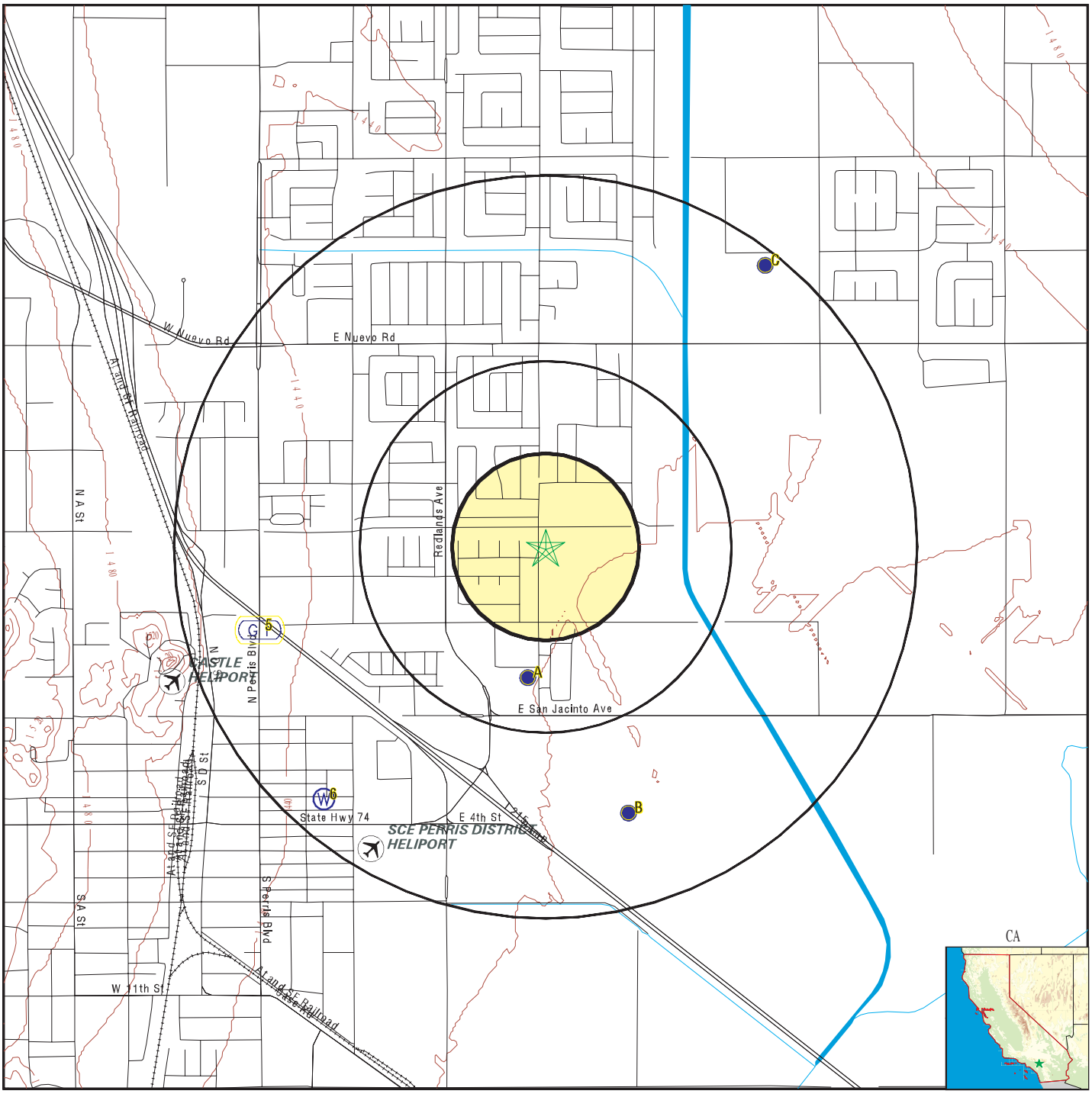
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	CADW40000005691	1/4 - 1/2 Mile SSW
B3	CADW40000005662	1/2 - 1 Mile SSE
6	3073	1/2 - 1 Mile SW
C7	CADW40000005747	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 3469205.2s



- 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

SITE NAME:	Perris Middle School	CLIENT:	The Planning Center
ADDRESS:	Wilson Avenue/ Dale Street Perris CA 92571	CONTACT:	Denise Clendening
LAT/LONG:	33.7932 / 117.2127	INQUIRY #:	3469205.2s
		DATE:	December 04, 2012 8:55 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
South
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS3124822**

Agency cd:	USGS	Site no:	334717117124401
Site name:	004S003W29Q001S		
Latitude:	334717	EDR Site id:	USGS3124822
Longitude:	1171244	Dec lat:	33.78807489
Dec lon:	-117.21309148	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	S29T04SR03W
Location map:	PERRIS	Map scale:	24000
Altitude:	1417.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Jacinto. California. Area = 757 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	194511
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	624	Hole depth:	624
Source of depth data:	other government (other than USGS)		
Project number:	9479300236		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1974-10-15	Ground water data end date:	1994-03-14
Ground water data count:	46		

Ground-water levels, Number of Measurements: 46

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1994-03-14	108.51		1993-10-20	111.28	
1993-05-07	115.22				
Note: The site had been pumped recently.					
1992-10-26	119.02				
Note: The site had been pumped recently.					
1992-06-15	118.64		1991-10-23	123.40	
1990-11-13	126.33		1989-09-13	129.51	
1988-05-26	132.12		1987-10-27	134.30	
1987-05-01	135.06		1986-09-15	139.44	
1986-05-15	137.54				
1985-10-01	141.79				
Note: Other conditions existed that would affect the measured water level.					
1985-05-10	143.88				
1984-04-11	149.91				
Note: A nearby site that taps the same aquifer was being pumped.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-11-30	151.70		1983-07-27	155.44	
1982-09-30	161.24		1981-04-15	172.90	
1980-10-24	177.50		1980-04-23	181.80	
1979-06-26	189.86		1977-10-16	209.60	
1977-04-14	204.80		1977-03-08	204.80	
1977-01-06	198.60		1976-12-09	199.50	
1976-10-22	201.00		1976-08-09	205.00	
1976-07-02	203.60		1976-04-14	198.70	
1976-03-04	202.40		1976-02-04	204.60	
1976-01-12	204.60		1975-10-29	203.10	
1975-09-11	203.20		1975-08-06	203.90	
1975-07-07	202.60				
Note: A nearby site that taps the same aquifer was being pumped.					
1975-06-02	200.10		1975-04-02	197.90	
1975-03-07	200.00		1975-02-13	199.70	
1975-01-09	199.80		1974-11-13	203.80	
1974-10-15	204.40				

A2
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADW40000005691**

Longitude:	-117.2131
Latiude:	33.7881
Stwellno:	04S03W29Q001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	800500
Site id:	CADW40000005691

B3
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADW40000005662**

Longitude:	-117.2084
Latiude:	33.7828
Stwellno:	04S03W33E001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	800500
Site id:	CADW40000005662

B4
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS3124807**

Agency cd:	USGS	Site no:	334658117122701
Site name:	004S003W33E001S		
Latitude:	334658	EDR Site id:	USGS3124807
Longitude:	1171227	Dec lat:	33.7827972
Dec lon:	-117.20836895	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	PERRIS	Map scale:	24000
Altitude:	1415		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Jacinto. California. Area = 757 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19530815
Date inventoried:	19950407	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	130.3	Hole depth:	440
Source of depth data:	reporting agency (generally USGS)		
Project number:	5470600323		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1995-04-07	Ground water data end date:	1995-09-28
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-09-28	93.24		1995-04-07	97.28	

5
WSW
1/2 - 1 Mile
Higher

Site ID:	083301331T
Groundwater Flow:	Not Reported
Shallow Water Depth:	95 ft
Deep Water Depth:	Not Reported
Average Water Depth:	Not Reported
Date:	08/21/1998

AQUIFLOW **50130**

6
SW
1/2 - 1 Mile
Higher

CA WELLS **3073**

Water System Information:

Prime Station Code:	033/029-011	User ID:	WAT
FRDS Number:	3310029001	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Agricultural/Irrigation Well
Source Lat/Long:	334700.0 1171320.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 04 - AGRICULTURAL		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 3310029
System Name: Perris, City of
Organization That Operates System:
1015 South G. Street
Perris, CA 92370
Pop Served: 28982 Connections: 1940
Area Served: PERRIS

C7
NE
1/2 - 1 Mile
Higher

CA WELLS **CADW40000005747**

Longitude: -117.202
Latiude: 33.8042
Stwellno: 04S03W21P001S
Districtco: 3
Welluseco: Z
Countyco: 33
Gwcode: 800500
Site id: CADW40000005747

C8
NE
1/2 - 1 Mile
Higher

FED USGS **USGS3124675**

Agency cd:	USGS	Site no:	334815117120401
Site name:	004S003W21P001S		
Latitude:	334815	EDR Site id:	USGS3124675
Longitude:	1171204	Dec lat:	33.80418574
Dec lon:	-117.20198002	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	PERRIS	Map scale:	24000
Altitude:	1424		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Jacinto. California. Area = 757 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19501205
Date inventoried:	19950608	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	248.05	Hole depth:	300
Source of depth data:	reporting agency (generally USGS)		
Project number:	470600323		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1995-06-08	Ground water data end date:	1995-09-28
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel
1995-09-28	57.24	
1995-06-08	68.50	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92571	1	0

Federal EPA Radon Zone for RIVERSIDE 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 RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

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 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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 and 2005 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.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

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.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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.

STREET AND ADDRESS INFORMATION

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Appendix D Health and Safety Plan



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HEALTH AND SAFETY PLAN

PROPOSED PERRIS

MIDDLE SCHOOL

prepared for:

PERRIS UNION HIGH SCHOOL DISTRICT

Contact:
Hector Gonzalez,
Facilities Project Manager

prepared by:

THE PLANNING CENTER|DC&E

Contact:
Denise Clendening, Ph.D.
Director of Site Assessment Services

FEBRUARY 2013

HEALTH AND SAFETY PLAN

PROPOSED PERRIS

MIDDLE SCHOOL

prepared for:

PERRIS UNION HIGH SCHOOL DISTRICT

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Perris, CA 92570
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PUS-05.0
FEBRUARY 2013

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1. Applicable Standards and Goals

1.1 GENERAL

This Health and Safety Plan (HASP) was prepared by The Planning Center|DC&E for Perris Union High School District (the District). This HASP provides an overview of current conditions at the site and describes the safety procedures to be employed and the rationale for their selection. The HASP has been prepared to ensure proper precautions are taken to protect human health and safety while work is being performed at the site. During the development of this HASP, consideration was given to current safety standards as defined by the U.S. Environmental Protection Agency (EPA), the Occupational Health and Safety Administration (OSHA), and the National Institute of Occupational Safety and Health (NIOSH). This HASP was prepared in accordance with guidelines set forth in Title 8 of the California Code of Regulations, Section 5192 (8 CCR 5192). In addition, this HASP also describes the health effects and standards for known contaminants and the procedures designed to account for the potential for exposure to unknown substances.

1.2 SCOPE AND APPLICABILITY OF THE HEALTH AND SAFETY PLAN

The purpose of this HASP is to define the requirements and designate protocols to be followed by the onsite personnel during the field activities. Site conditions, identified sources and previous work elements implemented at the site are described in the Workplan. This HASP is applicable to all employees, government employees, contractors, subcontractors, and visitors to the site. This HASP will be used to ensure that adequate site safety practices are used during soil sample collection activities.

All personnel working at the site must review the HASP and sign an agreement to comply with its requirements and to signify their familiarity with all aspects of the HASP before entering an exclusion zone or a contamination reduction zone. A copy of the HASP Certification is provided in Section 19. All personnel working at the site will be briefed daily by the Site Safety Officer (SSO) and will be required to become familiar with the following sections of this plan:



- Directions to Hospital - Section 17;
- Safety Rules and Personal Hygiene - Appendix A;
- Field Standard Operating Procedures for Use and Decontamination of Personal Protective Equipment (PPE) - Appendix B;
- Heat Stress and Heat Stress Monitoring - Appendix C.

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2. Site Description

2.1 SITE IDENTIFICATION

The site has been identified by the District as the Proposed Perris Middle School.

2.2 SITE LOCATION

The site is located at the southeast corner of Wilson Avenue and Patriot Lane in the City of Perris, Riverside County, California.

2.3 CURRENT AND HISTORICAL LAND USES

2.3.1 Property Ownership

The site is currently owned by the District.

2.3.2 Business/Manufacturing Activities

Based on a review of historical documents, the site was used for agriculture from the 1950s through the 1970s. No evidence of any manufacturing activities was observed during the site walk.

2.3.3 Site Climatological Setting

The site vicinity is an area with typical Mediterranean climate, characterized by warm dry summers and mild winters. The Western Regional Climate Center collected climatological data in Sun City from 1973 to 2005. The mean temperature in the area ranges from a low of 34.5° Fahrenheit (°F) in the winter to a high of 98.0°F in the summer. The average annual precipitation is 11.22 inches per year and snowfall is rare in the area.

2. Site Description

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3. Roles and Responsibilities

A number of roles are required for the safe and efficient operation of a field team. These roles include Project Director, Project Manager, The Planning Center|DC&E Health and Safety Manager, Site Manager, SSO and field personnel. A team member may take on more than one role, but the roles must be clearly assigned and must cover all positions required. The personnel assigned to the various roles and their phone numbers are listed below:

Assignment	Name	Phone Number
Project Director	Dr. Denise Clendening	(909) 989-4449
Project Manager	Dr. Denise Clendening	(909) 989-4449
Health & Safety Manager	Mike Watson	(909) 989-4449
Site Manager	Mike Watson	(909) 989-4449
Site Safety Officer	Mike Watson	(909) 989-4449
Field Personnel	Mike Watson	(909) 989-4449

The following guidelines outline assignment of responsibilities of the field team members.

3.1 PROJECT DIRECTOR

The Project Director is responsible for the overall operation of the project, including safety during field activities. Specific responsibilities include organization of all project work assignments, assigning personnel to specific duties, ensuring that the field team follows health and safety procedures approved by The Planning Center|DC&E Health and Safety Manager, and overall quality assurance/quality control of the project.

3.2 PROJECT MANAGER

The Project Manager will be responsible for the day-to-day progress of the project and will hold review and planning meetings as necessary with all technical staff, during which the current progress, problems encountered, and future direction will be discussed.

3.3 THE PLANNING CENTER|DC&E HEALTH AND SAFETY MANAGER

The Planning Center|DC&E Health and Safety Manager is responsible for the design and, with assistance from the Project Manager on personnel issues, implementation of the health and safety program for this project. This includes developing a site HASP, ensuring that all onsite workers have met the necessary health and safety training requirements and are knowledgeable about the work they will perform, assigning a qualified SSO to the field team, verifying compliance with all applicable safety and health requirements, and updating equipment and procedures based on new information gathered during the course of work.

3.4 SITE MANAGER

The Site Manager is responsible for the operation of the field team. Responsibilities include organization of field activities, compliance with the provisions of the site Workplan, field documentation and record keeping, quality control of field activities, and communication with the site's correspondent. The Site Manager, along with the SSO, must also ensure that subcontractors and outside observers comply with the HASP.

3.5 SITE SAFETY OFFICER

The SSO works closely with the Site Manager to enforce the provisions of the HASP during field activities. The SSO is responsible for implementing the procedures stipulated in the HASP:

- Evaluating and amending the HASP daily to remedy deficiencies and post entry briefings;
- Determining the levels of personal protection based on observations or changing field conditions;
- Controlling site entry and exit;
- Briefing the field team on the health and safety decontamination procedures required for various field activities;
- Monitoring the field team for signs of stress or exposure;
- Initiating emergency procedures, if necessary;
- Verifying that field team members have met the health and safety requirements for field activities;
- Being available to document and respond to any concerns or complaints made by personnel onsite;
- Documenting unsafe work practices or conditions;
- Documenting any accidents or incidents that result in illness or injury to personnel; and
- Issuing stop work notices if site conditions become unsafe, with conference with the Project Director and/or The Planning Center|DC&E Health and Safety Manager.

3.6 FIELD TECHNICIANS

The field technicians are responsible for complying with the HASP, notifying the SSO of hazardous or potentially hazardous conditions, and carrying out specialized tasks during field operations. These tasks include inspecting, calibrating, maintaining, and using field equipment; performing site characterization activities; maintaining decontamination stations; preparing and decontaminating sampling equipment; collecting and preserving samples; and packaging and shipping samples according to proper chain-of-custody procedures.

3.7 FIELD TEAM SIZE

The size of the field team is determined by the nature of the field activities, the characteristics of the site, the safety hazards involved, and the prescribed levels of safety protection. The field team must be large enough to ensure onsite activities are conducted safely, but not so large as to sacrifice efficiency. The Planning Center|DC&E personnel shall be present during all phases of the field activities.

4. Training and Medical Monitoring Requirements

Staff and subcontractors participating in the fieldwork must have completed a 40-hour health and safety training course (8 CCR 5192(e), 29 CFR 1910.120(e)(2)) as appropriate for their particular tasks and have annual refresher training. Before personnel arrive onsite, each employer will be responsible for certifying that its employees meet the OSHA training requirements.

Each employee will be familiar with the requirements of the site safety and health plan, and will participate in site activity and safety briefings. Medical surveillance is conducted as a routine program, which meets the requirements of 8 CCR 5192 (f); the medical surveillance program is detailed in Appendix D. There will not be any special medical tests or examinations required for staff involved in this project.

All personnel will be trained to operate their respective equipment, including respiratory protection if site conditions exist where respirators are needed. Under no circumstance will untrained or unqualified personnel operate equipment.

4. Training and Medical Monitoring Requirements

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5. Description of Field Work

The following subsections describe tasks to be performed during the field activities and the hazards associated with each task. Some of the protective measures to be implemented during completion of those operations are also identified.

5.1 SOIL SAMPLING ACTIVITIES

5.1.1 Soil Sampling

Soil samples will be collected on the 26-acre area at 36 locations to address the historical agricultural use and fill. Soil samples will be collected in the fill material and also from the ground surface to approximately 6 inches below ground surface (bgs) and from a depth of approximately 2.5 to 3 feet bgs at each location. The proposed sampling program is included in Table 1 and sample locations are shown on Figure 3. Soil sampling will be conducted in general accordance with the guidelines provided by the DTSC in Interim Guidance for Sampling Agricultural Fields for School Sites (Third Revision) (DTSC 2008) the DTSC's PEA Guidance Manual dated June 1999, and the DTSC's Information Advisory Clean Imported Fill Material dated October 2001.

5.1.2 Sampling Methods and Procedures

Soil sampling will be conducted using a truck-mounted direct push drill rig (Geoprobe™). The Geoprobe ™ rig advanced acetate lined sample core barrels sleeves to desired depths using a hydraulic ram or pneumatic hammer system. The inside diameter of the core barrel is 1.5 to 2.0 inches. The sample barrel will be retrieved and the sample interval will be observed, described and preserved.

Hazards associated with this task include dermal contact with and accidental ingestion of contaminated soil and inhalation of dusts and vapors (i.e. VOCs), noise and lifting. Some of the protective measures to be implemented during soil sampling include periodic (every 15 minutes) air monitoring with a photoionization detector (PID) (as necessary) where appropriate (breathing and work zones around the borehole) and the use of chemical-resistant gloves to reduce the hazards associated with soil sampling. PID monitoring records will be maintained (as necessary) in the project field book. Level D PPE will be used when sampling is initiated, but will be upgraded as necessary. The use of the PID for air monitoring will be used (as necessary) primarily for the detection of VOCs and not organochlorine pesticides or metals, which are not detectable with a PID.

Previous surveys indicate that heavy equipment such as drilling or excavation equipment may produce continuous and impact noise at or above the action level of 85 dBA. All site personnel within 25 feet of operating equipment, or near an operation that creates noise levels high enough to impair conversation, shall wear hearing protective devices (either muffs or plugs). All The Planning Center|DC&E personnel are in The Planning Center|DC&E Hearing Conservation Program and have had baseline and, where appropriate, annual audiograms. Personnel will wash their hands with soap and water prior to inserting earplugs to avoid initiating ear infections.

The following guidelines will be followed whenever lifting equipment such as portable generators, coolers filled with samples, any other objects that are of odd size or shape, or that weigh over 40 pounds.

- Get help when lifting heavy loads. Portable generators will only be lifted using a two-person lift.

- When moving heavy objects such as drums or containers, use a dolly or other means of assistance.
- Plan the lift. If lifting a heavy object, plan the route and where to place the object. In addition, plan communication signals to be used (i.e., "1,2,3, lift," etc.)
- Wear sturdy shoes in good condition that supply traction when performing lifts.
- Keep your back straight and head aligned during the lift and use your legs to lift the load – do not twist or bend from the waist. Keep the load in front of you – do not lift or carry objects from the side.
- Keeping the heavy part of the load close to your body will help maintain your balance.

6. Chemical Hazards

The presence of chemical hazards at the site has not been confirmed; however, the primary suspected potential constituents of concern associated with the site are metals and organochlorine pesticides. The list of chemicals of concern for the site will be reassessed, as more data becomes available. Brief toxicological profiles of the major constituents of concern are included in Appendix E. Chemical and physical characteristics of these compounds are presented in Table 1.

Potential exposures to these chemicals during field activities include the following:

- Dermal contact with and accidental ingestion of potentially contaminated rinsate and residue during decontamination and sampling; and
- Splash hazards during decontamination.

To protect workers from eye and skin contact, skin absorption, and accidental ingestion of airborne dust, PPE will be used as outlined in Section 8.0.

6.1 HAZARD ASSESSMENT

A literature review was conducted to find ionization potentials (IPs), exposure limits, and concentrations immediately dangerous to life and health (IDLH) for the constituents of concern in environmental media at the site. Exposure limit data are expressed as 8-hour time-weighted averages (TWAs). TWAs promulgated in OSHA regulations are referred to as permissible exposure limits (PELs). The American Conference of Governmental and Industrial Hygienists adopts values for exposure limits that are referred to as threshold limit values.

Exposure limits and the IDLH for the constituents of concern are depicted in Table 1. These data are also used to establish action levels to determine when personnel should upgrade from Level D PPE (i.e., no respiratory protection) to Level C PPE (i.e., full-face air-purifying respirator) and to select the appropriate types of outer garments, gloves, and respirator cartridges. Action levels triggering an upgrade in respiratory protection from Level D to Level C are established by examining exposure limit data and selecting compounds with the lowest PEL.

Site work will be initiated in Level D protection. If unusual odors or symptoms are noted in the field, and engineering controls cannot reduce potential hazards in the breathing zone, the level of protection will be upgraded to Level C. If an upgrade to Level B is required, field activities will stop and the site will be evacuated. If Level B is required, the project will be stopped and the current operating procedures will be assessed by the SSO, the Health and Safety Officer, and the Health and Safety Committee. If it is determined that Level B PPE is required, a subcontractor will be retained to conduct this supervised work.

The potential for injuries inherent in operating heavy equipment presents additional hazards, especially because the operator may be wearing restrictive clothing. The use of heavy equipment creates the potential for contact with active utility lines. These utility lines will be located before intrusive activities are conducted and avoided.

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7. Physical Hazards

Potential physical hazards associated with this project include, but are not limited to, working around heavy equipment, electrocution, slippery terrain, noise, weather conditions, and heat stress.

7.1 HEAVY EQUIPMENT

It is important that personnel be aware of all operations that are occurring at a work location as well as physical hazards, such as excavations, trenches, or open pits. Personnel will be aware of the position and movement of equipment by identified operational areas. Special precautions, with regard to layout of equipment traffic patterns associated with other vehicles and buildings, will be carefully considered before beginning field activities. Traffic barriers and/or caution barrier tape will be used to delineate the layout and assist in directing traffic flow to reduce risk of vehicle injury. Employees will be notified during daily meetings as to the established traffic patterns of heavy equipment. Whenever heavy equipment operations are conducted in a congested site area, a traffic coordinator designated by the SSO will direct movement of heavy equipment and pedestrians. For non-essential persons, pedestrian traffic will be prohibited where heavy excavation equipment is in operation. Operators will be tasked to watch for employees that might stray into the restricted entry area; site personnel will be required to wear orange safety vests in the vicinity of heavy equipment operation.

7.2 ELECTROCUTION

Electrical power lines above (overhead) and below ground will be identified at the site before to the start of any activities to prevent electrocution. Minimum safe distance will be established by the SSO in areas of overhead and underground power lines. Subcontracted utility locating services will be used as necessary to locate or confirm the presence of suspected underground utilities at drilling or boring locations.

7.3 SLIPPERY TERRAIN, SLIPS, TRIPS, AND FALLS

Slippery and uneven terrain is common and may increase the risk of injuries. Personnel shall wear the appropriate foot protection while onsite. The SSO will monitor site work surfaces for potential trip and fall hazards. Overhead hazards consist of potential contact with falling objects, rigging equipment, or other items in use at the site. Hard hats are required at all times when at the site.

7.4 NOISE

Noise levels around the equipment may exceed a comfortable range; therefore earplugs or equivalent hearing protection devices are required when equipment is operating.

7.5 HEAT STRESS

The potential for heat stress is high given the warm southern California climate and use of protective garments. Heat stress and heat stress monitoring are discussed in Appendix C.

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8. Personal Protective Equipment (PPE)

It is anticipated that Level D PPE will be used, with Level C PPE available on stand-by. Level D PPE will consist of the following equipment:

- Long pants and long-sleeved or short-sleeved shirts;
- Steel-toed work boots;
- Nitrile gloves;
- Hard hats, required when heavy equipment is being used and an overhead hazard exists;
- Safety glasses; and
- Hearing protection during heavy equipment operation.

Damaged PPE will be replaced immediately. Backup equipment will be kept onsite for replacement as necessary.

At a minimum, the following PPE will be discarded and replaced daily:

- Nitrile gloves; and
- Disposable type ear plugs.

New gloves will be used to collect each sample. Procedures for using PPE are given in Appendix B.

The level of protection provided by PPE selection may be upgraded or downgraded by the SSO, in conference with The Planning Center|DC&E Health and Safety Manager and/or the Project Director, based on changes in site conditions. When a significant change occurs, the hazards will be reassessed. Some indicators of the need for reassessment are as follows:

- A change in weather conditions;
- Encountering contaminants other than those previously identified;
- A change in ambient levels of contaminants; and
- A change in work scope that affects the degree of contact with contaminants.

Level C PPE will consist of the following equipment:

- Dual-canister full-face air-purifying respirator (NIOSH approved);
- Organic vapor/P100 combination cartridges;
- Tyvek or Saranex-coated coveralls;
- Steel-toed work boots;
- Double layer nitrile;

- Hard hats, required when heavy equipment is being used; and
- Safety glasses.

Particulate respirator cartridges should be changed out when the wearer has difficulty breathing through the cartridges. Chemical gas or vapor respirator cartridges will be changed out at least daily.

- Proper inspection of PPE includes several levels of inspection depending on specific articles of PPE and its frequency of use. The different levels of inspection are as follows:
- Inspection of equipment received from the factory or distributor;
- Inspection of equipment as it is issued to workers;
- Inspection after use or training;
- Periodic inspection of stored equipment; and
- Periodic inspection when a question arises concerning the appropriateness of the selected equipment or when problems with similar equipment arise.

The primary inspection of PPE in use for activities at the site will occur before use and will be conducted by the user. This ensures that the device or article has been inspected by the user and the user is familiar with its use. The SSO will periodically review field technicians' knowledge and execution of inspection guidelines for the various types of PPE in use at the site.

9. Illumination

Nighttime work activities are not anticipated; however, if nighttime work becomes necessary, illumination at the site will be supplemented in order to ensure safe working conditions. Supplemental lighting will be provided by mobile generator powered units.

9. Illumination

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10. Standard Operating Procedures

The standards regarding Safety Rules and Personal Hygiene and Use and Decontamination of PPE are detailed in Appendices A and B, respectively.

Standard operating procedures (SOPs) for equipment will be presented in the Workplan.

10.1 DAILY SAFETY MEETINGS

The SSO will conduct a daily safety meeting to discuss any changes in safety status, safety violations and administrative actions, work assignments, or modifications of procedures with all onsite field personnel. This safety meeting will be scheduled as the first activity of each day. An alternate person may be designated to conduct the briefing at the discretion of the SSO. All personnel present will sign the Daily Attendance sheet.

10.2 DAILY DEBRIEFING MEETINGS

At the end of each workday at the site, the SSO will discuss with the Site Manager or the Project Director, daily progress, technical problems, administrative resolution of disciplinary actions, and monitoring and analytical findings.

In the event that an emergency occurs or other accident that requires immediate attention, and additional safety meeting may be conducted. Non-routine meetings will address any site changes that have safety implications, which must be immediately addressed before work can continue.

10.3 ADMINISTRATIVE ACTION



Observed violations of safety procedures can result in immediate removal of the violator from the site. The Project Director will take administrative action on each violation. In the event of a violation, the nature of the violation, the past record of the violator, and any extenuating circumstances will be reviewed. The SSO and Health and Safety Officer will provide a recommendation to the Project Director regarding administrative actions such as retraining and reassignment, change in clearance status, or permanent dismissal from the site.

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11. Confined Spaces

No confined space entry is anticipated at the site. A confined space protocol will be developed for Agency review and approval should conditions at the site change.

11. Confined Spaces

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12. Noise Monitoring

Noise may be monitored using a sound level meter (General Radio model 1565B) in areas where heavy equipment is being utilized. Hearing protection devices (HPDs) will be available onsite at all times. Use of HPDs will be required whenever the noise level equals or exceeds 85 dBA; in general, they will be used whenever equipment is operated. Field technicians will be informed on the proper use, maintenance and storage of HPDs. Engineering controls will be utilized as necessary to ensure that noise levels generated by work do not impact residences adjacent to the site.



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13. Description of Site Work Zones

The various work zones may be established at the site before commencing any field activities.

Exclusion Zone

All workers who enter the contaminated work area will wear the correct level of protection. The number of workers in this zone will be kept at a minimum.

Contamination Reduction Zone (CRZ)

Decontamination areas for field personnel and heavy equipment will be designated in the CRZ adjacent to the exclusion zone.

Support Zones

The administrative and break areas shall be located in the support zone outside the CRZ and the overall work zone. The support zone will be located upwind from the overall work zone as permitted by site meteorological conditions.

The work areas and site shall be cleared and secured at the end of each workday.



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14. Decontamination

Decontamination of PPE will take place in the decontamination area identified onsite. Before starting field activities, a decontamination station will be set with one bucket or tub containing a clean water and soap mixture and another bucket or tub containing clean water. All workers and PPE will be decontaminated to prevent the spread of potentially hazardous substances. All workers will wash their hands, arms, and face after removing PPE and before leaving the site. The volume and concentration of the decontamination fluid will be sufficiently low to allow disposal at the site. The water (and water with detergent) will be poured onto the ground or into a storm drain. Disposable items will be placed in trash bags for disposal along with other wastes removed from the property. Support vehicles are to be left, to the extent practical, outside the exclusion area so that decontamination will not be necessary. Decontamination procedures are outlined in Appendix B.



14. Decontamination

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15. Emergency Supplies

15.1 FIRE EXTINGUISHERS

A fire extinguisher will be available onsite during field activities. Field technicians will be informed on the proper use of fire extinguishers.

15.2 SPILL CONTROL EQUIPMENT

Accidental spills will be contained with sandbags or commercially available absorbent materials especially designed for spill containment or cleanup.

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16. Emergency Contact Information

Emergency response shall be addressed according to the requirements of T8 CCR 5192. If it is determined that the emergency could threaten human health or the environment, the incident will be reported to the proper agencies:

Police/Fire	911
Department of Toxic Substances Control 5796 Corporate Avenue Cypress, California 90630 Fax: (714) 484-5302	(714) 484-5300
Department of Health Services 714/744 P Street Sacramento, California 95814	(916) 445-4171
The closest hospital is: Menifee Valley Medical Center 28400 McCall Blvd Sun City, California 92585	(951) 679-8888

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17. Directions to the Hospital

Directions (See Figure 1): Start out going south on Wilson Avenue. Make a right on Dale Street. Make a left on Redlands Avenue. Turn left onto the Interstate 215 south/California 74 onramp. Merge onto I-215/CA-74. Take exit 12 for McCall Boulevard. Turn left on McCall Boulevard. Make a left at Aspel Road. Arrive at hospital on right side.



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18. Authorized Changes to the Health and Safety Plan

Changes to the HASP are to be documented by completing a Modification of Site Health and Safety Plan form. This completed form must be signed by the Site Safety Officer, the Health and Safety Manager, and the Project Director. A copy of each completed form is to be included with each copy of the HASP and made a part of the project files.

18. Authorized Changes to the Health and Safety Plan

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19. Certification

This HASP has been reviewed and approved by The Planning Center|DC&E Health and Safety Manager. The plan satisfies the requirements of the Occupational Safety and Health Act 1910.120 as implemented by the Health and Safety Committee for hazardous waste site activities.

All The Planning Center|DC&E site personnel have read the HASP and are familiar with its provisions.

NAME	SIGNATURE	DATE

19. Certification

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TABLE 1
OCCUPATIONAL HEALTH GUIDELINES AND TOXICOLOGICAL INFORMATION
Proposed Perris Middle School
Southeast Corner of Wilson Avenue and Patriot Lane
Perris, California

Contaminant	OSHA PEL (ppm)	STEL (ppm)	NIOSH REL (ppm)	IDLH (ppm)	Ionization Potential (eV)	Routes of Exposure	Known or Suspected Carcinogen	Symptoms	1997 NIOSH Page Reference
Chromium (Cr III and Cr VI)	0.5 mg/m^3	n/a	0.5 mg/m^3	25 mg/m^3	varies	Inhalation, Ingestion Contact	Yes	Irritation to eyes and skin	70
Arsenic	0.010 mg/m^3	n/a	2 mg/m^3 (15-minute period)	5 mg/m^3	n/a	Inh, Ing, Absorption, Contact	Yes	Ulceration of nasal septum, dermatitis, GI disturbances, peripheral neuropathy, respiratory irritation, hyperpigmentation of skin	20
Lead	0.050 mg/m^3	n/a	0.100 mg/m^3	100 mg/m^3	n/a	Inh, Ing, Contact	No	Weak, lassitude, insomnia, facial pallor, pal eye, anorexia, weight loss, malnutrition, constipation, abdominal pain, colic, anemia, gingival lead line, tremor, ankle or wrist paralysis, encephalopathy, kidney disease, irritated eyes, hypotension	184
Dichlorodiphenyltrichloroethane (DDT)	1 mg/m^3 (skin)	n/a	0.5 mg/m^3	500 mg/m^3	n/a	Inh, Ing, Absorption, Contact	Yes	Irritation to eyes and skin, paresthesia of the tongue, lips, and face, tremor, apprehension, dizziness, confusion, malaise, headache, fatigue, convulsions, paresis of hands, vomiting, potentional occupational carcinogen	88
Aldrin	0.25 mg/m^3 (skin)	n/a	0.25 mg/m^3 (skin)	25 mg/m^3	n/a	Inh, Ing, Absorption, Contact	Yes	Headache, dizziness, nausea, vomiting, malaise, myoclonic jerks of limbs, clonic, tonic convulsions, coma, hematuria, azotemia, potentional occupational carcinogen	8
Toxaphene	0.5 mg/m^3 (skin)	n/a	n/a	200 mg/m^3	n/a	Inh, Ing, Absorption, Contact	Yes	Nausea, confusion, agitation, tremor, convulsions, unconsciousness; dry, red skin; potentional occupational carcinogen	58
Dieldrin	0.25 mg/m^3 (skin)	n/a	0.25 mg/m^3 (skin)	50 mg/m^3	n/a	Inh, Ing, Absorption, Contact	Yes	Headache, dizziness, nausea, vomiting, malaise, sweat, myoclonic limb jerks, clonic, tonic convulsions; coma, potentional occupational carcinogen, in animals: liver, kidney damage	104

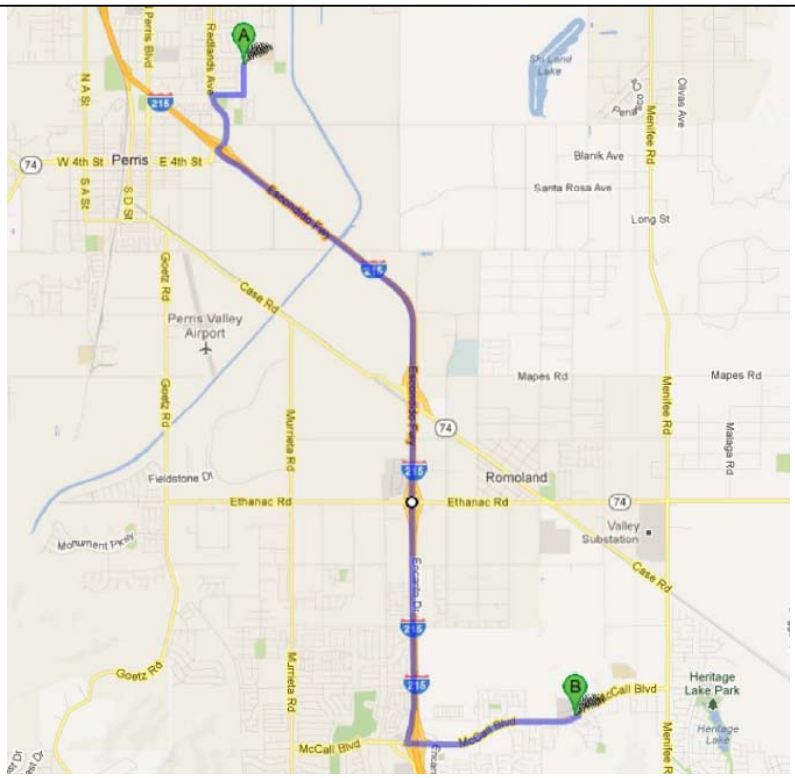
ppm - parts per million
mg/m^3 - milligrams per cubic meter
n/a - not applicable

FIGURE 1
HOSPITAL ROUTE MAP

Starting from: Intersection of Wilson Avenue and Patriot Lane, Perris, CA

Arriving at: Menifee Valley Medical Center
28500 McCall Blvd, Sun City, CA

Distance: 7.9 miles **Approximate Travel Time: 16 minutes**



Directions	Mile
1. Start out going south on Wilson Ave	0.2
2. Turn right on Dale St	0.2
3. Turn left on Redlands Ave	0.5
4. Turn left onto the I-215/CA-74 south onramp	0.2
5. Merge onto I-215/CA-74	5.0
6. Take exit 12 for McCall Blvd	0.3
7. Turn left onto McCall Blvd	1.4
8. Turn left on Aspel Rd	<0.1

Appendix A

Safety Rules and Personal Hygiene

1. Remove all facial hair that interferes with a satisfactory fit of respiratory protective equipment.
2. Do not wear contact lenses while wearing full-face respirators.
3. Do not take prescribed drugs unless specifically approved by a physician. Notify the SSO that prescription medication is being taken.
4. In the work zone, do not eat, drink, smoke, chew gum or tobacco, or engage in any other practice that increases the probability of hand-to-mouth transfer or ingestion of material.
5. Wash hands and face thoroughly after leaving the work area and before eating, drinking, or any other activities.
6. Thoroughly wash entire body as soon as possible after removing Level C protective garments.
7. Whenever possible, avoid contact with contaminated or suspected contaminated surfaces.

Appendix B

Field Standard Operating Procedures for Use and Decontamination of Personal Protective Equipment

1. Park vehicles outside the site boundaries.

2. During the pre-work safety meeting, the SSO will provide the following information:
   A. a description of the site and known problem areas
   B. the level of protection required
   C. emergency medical information
   D. the locations of the first aid kit and fire extinguisher

3. Use the nearest lavatory.

4. Lay out and check safety gear.

5. Check and don Level D PPE.

6. For work in Level C PPE, put on safety gear in the following order:
   A. Coveralls
   B. Steel-toed work boots
   C. Connect suit and boots with tape
   D. Outer booties, if used
   E. Air purifying respirators (APRs), if required

7. For work in Level C PPE, put on APRs as follows:
   A. Inspect.
      (1) Inspect before each use to ensure that they have been cleaned adequately.
      (2) Check material conditions for signs of pliability, deterioration, or distortion.
      (3) Examine cartridges and ensure that they are the correct type for the intended use, that the expiration date has not passed, and that they have not been opened or used previously.
      (4) Check face shields for cracks or fogginess.
   B. Loosen all harness strap adjustments.
   C. Place chin in chin cup and draw back evenly on strap adjustments - the two bottom straps first, then the two top straps, and the center top strap last.
   D. Check that the respirator is centered evenly on the face and that the straps are not uncomfortably tight.

E. Check for leaks or proper facial seals.
   (1) To conduct a negative-pressure test, close the inlet part with the palm of the hand so it does not pass air, and gently inhale for about 10 seconds. Any inward rush of air indicates a poor fit. Note that a leaking facepiece may be drawn tightly to the face to form a good seal, giving a false indication of adequate fit.
   (2) To conduct a positive-pressure test, gently exhale while covering the exhalation valve to ensure that a positive pressure can be built up. Failure to build a positive pressure indicates a poor fit.

8. Put on the rest of the gear in the following order:
   A. Raise hood
   B. Hard hat, if necessary
   C. Surgical gloves
   D. Outer gloves
   E. Connect gloves and suit with tape

9. Select a buddy to act as a safety backup.

10. Check your buddy's equipment and have your buddy check yours for rips, tears, or malfunctions. Pay special attention to respirators, making sure that seals are good and that cartridges are securely in place.

11. If any equipment or gear gets damaged or if your suit tears badly, GO BACK.

12. If you experience physical discomfort, breathing difficulties, light-headedness, dizziness, or other abnormalities, GO BACK.

13. When you return, have your buddy check for external accumulation of contamination and remove it. Also check gear for damage.

14. Decontamination will be performed in steps as follows (as appropriate for the PPE being utilized):

    Step 1 - Segregated Equipment Drop: Deposit equipment used onsite (tools, sampling devices and containers, monitoring instruments, clipboards, etc.) in different containers with plastic liners. Each may be contaminated to a different degree. Segregation at the drop reduces the probability of cross-contamination. This equipment may be reused if properly decontaminated.

    Equipment: various sizes of containers
    plastic drop cloths

Step 2 - Boot Cover and Outer Glove Wash and Rinse: (Optional - will be used at the Site Safety Officer's discretion.)

Equipment: spray bottle/container with nozzle
two wash basins or tubs
scrub brush
water
Liqui-nox nonphosphate soap solution (1%)

Step 3 - Tape Removal: Remove tape around boots and gloves, and deposit in container with plastic liner. Remove boot covers, then outer gloves, and place them in the container.

Equipment: container (30-50 gallons)
plastic liners
folding chairs

Step 4 - Safety Boot Wash and Rinse: (Optional - will be used at discretion of field team members.)

Equipment: two wash basins or tubs
scrub brush
water
Liqui-nox solution (1%)

Step 5 - Protective Coverall Removal: With the assistance of a helper, remove protective coverall. Deposit in container with plastic liner.

Equipment: container (30-50 gallons)
folding chairs
plastic liners

Step 6 - Respirator Removal: Remove facepiece. Avoid touching face with gloves. If work is completed for the day, discard cartridges in lined container, and wash and rinse respirator.

Equipment: container (30-50 gallons)
plastic liners

Step 7 - Inner Glove Removal: Remove inner gloves and deposit in container with plastic liner.

Equipment: container (20-30 gallons)
plastic liners

15. Respirators will be cleaned daily by hand washing with MSA cleaner-sanitizer solution followed by a thorough rinse and air drying. NEVER ALLOW A RESPIRATOR TO DRY WITH THE STRAPS PLACED FORWARD ACROSS THE FACESHIELD BECAUSE THIS MAY CAUSE CHANGES IN THE FACE-TO-RESPIRATOR SEAL SURFACE. The specific procedures to be employed are as follows:

A. Remove all cartridges (canisters) and filters plus gaskets and seals not

permanently affixed to their seats.

B. Loosen harness adjustment straps.
C. Remove exhalation valve cover.
D. Remove inhalation and exhalation valves.
E. Remove protective faceshield cover.
F. Wash facepiece in MSA cleaner/sanitizer powder mixed with warm water, preferably at a temperature of 120□ F. Wash components separately from facepiece. Heavy soil may be removed from the facepiece surface using a medium-soft handbrush.
G. Remove all parts from the wash solution, and rinse twice in clean, warm water.
H. Air dry all parts in a designated clean area.
I. Pat facepieces, valves, and seats to remove any remaining soap residue, water, or other foreign material with a clean, damp, lint-free cloth.
J. Reassemble respirator.
K. Place respirator in a plastic bag and the respirator box or otherwise store the respirator to prevent exposure to dust, moisture, sunlight, damaging chemicals, extreme temperatures, and impact.

16. Investigation-derived waste material will be handled as follows:
    A. Used PPE and disposable equipment will be double bagged and placed in a municipal refuse dumpster on site. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of which can still be reused will be rendered inoperable before disposal in the refuse dumpster.
    B. Wash and rinse waters from personal and equipment decontamination will be poured onto the ground or into a storm drain.
    C. Soil cuttings generated during the subsurface sampling will be placed back into the soil borings from which the samples were obtained. Any remaining soil cuttings will be spread around the sampling location.

Appendix C

Heat Stress and Heat Stress Monitoring

Heat is one of the most common (and potentially serious) illnesses at hazardous waste sites where PPE is worn; therefore, regular monitoring and other preventive precautions are vital. Shelter from the sun will be provided during rest periods. Below is a list of the signs and symptoms of heat stress. Initial work schedules will be approximately 90 minutes of work followed by 15 minutes of rest. Work intervals will be adjusted to shorter periods based on the assessment of the SSO. Monitoring for heat stress will be conducted by visual observation by the individual team members.

Signs and Symptoms of Heat Stress

- **Heat rash** may result from continuous exposure to heat or humid air.

- **Heat cramps** are caused by heavy sweating with inadequate electrolyte replacement. Signs and symptoms include:
  - muscle spasms
  - pain in the hands, feet, and abdomen

- **Heat exhaustion** occurs from increased stress on various body organs, including inadequate blood circulation caused by cardiovascular insufficiency or dehydration. Signs and symptoms include:
  - pale, cool, moist skin
  - heavy sweating
  - dizziness
  - nausea
  - fainting

- **Heat stroke** is the most serious form of heat stress. Temperature regulation fails, and the body temperature rises to critical levels. Immediate action must be taken to cool the body before serious injury and death occur. Competent medical help must be obtained. Signs and symptoms include:
  - red, hot, usually dry skin
  - lack of or reduced perspiration
  - nausea
  - dizziness and confusion
  - strong, rapid pulse
  - coma

First-aid remedies for heat stress and heat stroke includes removing the worker to a cool place, providing cool water or a commercial sport drink, loosen tight clothing, and call for an ambulance if victim vomits or starts to loose consciousness.

Appendix D

Medical Monitoring Program

The workers most likely to be exposed to contaminated materials at the site are sampling and inspection personnel. These personnel are included in this Medical Monitoring Program.

The purposes of the Medical Monitoring Program are to identify any illness or problem that would put an employee at an unusual risk from exposures; to ensure that each employee can use negative-pressure respirators safely and withstand heat or cold stress; and to establish and maintain a medical data base for employees to monitor any abnormalities that may be related to work exposure and that could increase injury risk for the employee or others in the performance of job functions. The Medical Monitoring Program includes:

- A baseline physical examination;
- A medical determination of fitness of duty, including work restrictions after any job-related injury or illness or non job-related absence lasting more than three working days;
- The review of each site-specific Health and Safety Plan and potential exposure list to determine the need for specific biological and medical monitoring; and
- Annual and exit physical examinations with attention given to specific exposures or symptoms.

Baseline Physical Examination

A Baseline Physical Examination will be performed on each employee engaged in hazardous waste activities. The purposes of this examination are to identify any illness or problem that would put an employee at unusual risk from certain exposures; to certify the safe use of negative-pressure respirators (OSHA Safety and Health Standard 29 CFR 1910.134); and to develop a database for the assessment of exposure-related events detected through periodic medical monitoring. Variable data, such as age, sex, race, smoking, prior employment, and exposure history, that may have a bearing on the occurrence of subsequent events after employment begins will be gathered.

The content of the Baseline Physical Examination will include:

- Medical, occupational, and fertility histories;
- A physical examination, stressing neurological, cardiopulmonary, musculoskeletal, and skin systems;
- An electrocardiogram;
- PA and lateral chest x-rays;
- A pulmonary function test (FEV1, FVC, FEV 25-75);
- An audiogram;

- A multi-chemistry blood panel, including kidney and liver function tests, CBC with
- differential, and urinalysis;
- Tests deemed necessary by symptoms or exposure history;
- A red blood cell cholinesterase; and
- Physical parameters, including blood pressure and visual acuity testing.

Annual Physical Examination
An examination and updated occupational history will be performed on an annual basis during the anniversary month of the baseline physical examination. The Annual Physical Examination serves to identify and prevent illness caused by cumulative exposure to toxic substances.

The Annual Physical Examination will include:
- A personal work history (based on specific project histories);
- A physical examination, stressing neurological, cardiopulmonary, musculoskeletal, and skin systems;
- Pulmonary function test (FEV1, FVC, FEV 25-75);
- A multi-chemistry blood panel, including kidney and liver function test;
- An audiogram;
- Tests deemed necessary by symptoms or exposure history; and
- An optional wellness profile.

Return to Work Examination
Any job-related illness or injury will be followed by a medical examination to determine fitness for duty or possible job restrictions based on the physical findings of the medical examiner. A similar examination will be performed following three missed workdays caused by a non job-related illness or injury requiring medical intervention.

Exit Physical Examination
The content of the Exit Physical Examination will include:
- a personal work history (based on specific project histories);
- medical, exposure, and fertility histories;
- a physical examination, stressing neurological, cardiopulmonary, musculoskeletal, and skin systems;
- a pulmonary function test (FEV1, FVC, FEV 25-75);
- an electrocardiogram;
- PA and lateral chest x-rays;
- an audiogram;
- a multi-chemistry blood panel, including kidney and liver function tests, CBC with differential, and urinalysis;
- tests deemed necessary by symptoms or exposure history;
- a red blood cell cholinesterase; and
- physical parameters, including blood pressure and visual acuity testing.

Appendix E

Properties of Materials and Toxicological Profiles

Chromium (Cr III and Cr VI)
The permissible exposure limit (PEL) for chrome is 0.5 mg/m^3, which is also the recommended exposure limit (REL) established by the National Institute for Occupational Safety and Health (NIOSH). The Immediately Dangerous to Life or Health (IDLH) concentration for this substance is 25 mg/m^3.

The appearance and odor of this substance varies depending on the type of chrome compound. Symptoms of exposure to chrome may include irritation of the skin and eyes. If splashed in the eyes, irrigate immediately. For dermal exposure, wash with soap and water immediately. If swallowed, immediately seek medical attention. If victim stops breathing after exposure to vapors, begin artificial respiration.

Arsenic
The PEL for arsenic is 0.010 mg/$m^{3.}$ NIOSH has established an REL, based on a 15-minute exposure period, of 2 mg/m^3. The IDLH concentration for this substance is 5 mg/m^3.

The appearance and odor of arsenic varies depending upon the specific organic arsenic compound. Routes of exposure include inhalation, ingestion, and contact. The skin, respiratory system, kidneys, central nervous system (CNS), liver, GI tract, and reproductive system are all target organs or chronic exposure.

Lead
The PEL for lead is 0.050 mg/m^3. NIOSH has established an REL of 0.100 mg/m3. The IDLH concentration for this substance is 100 mg/m^3.

A heavy, ductile, soft, gray solid, lead is also known as lead metal and plumbum. A person can be exposed to lead contamination by inhalation, ingestion, or contact. The target organs for lead include eyes, GI tract, CNS, blood, and gingival tissue.

Symptoms of lead exposure include weakness, lassitude, insomnia; facial pallor; pal eye, anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; ankle or wrist paralysis, encephalopathy; kidney disease; irritated eyes; and hypotension. If eye contact occurs, the eyes should be washed immediately with large amounts of water. For dermal contact, remove any penetrated clothing and immediately flush the contaminated skin with soap and water. If this chemical is inhaled in large quantities, move to fresh air at once. Perform mouth-to-mouth resuscitation if breathing has stopped. Keep the person warm and resting. For any of the above or if the chemical has been swallowed, seek medical attention promptly.

Dichlorodiphenyltrichloroethane (DDT)

The PEL for DDT is 1 mg/m^3. NIOSH has established an REL of 0.5 mg/m^3. The IDLH concentration for this substance is 500 mg/m^3.

Routes of exposure include inhalation, ingestion, absorption, and contact. Symptoms of exposure to DDT include irritation to eyes and skin, paresthesia of the tongue, lips, and face, tremor, apprehension, dizziness, confusion, malaise, headache, fatigue, convulsions, and vomiting. If eye contact occurs, the eyes should be washed immediately with large amounts of water. For dermal contact, remove any penetrated clothing and immediately flush the contaminated skin with soap and water. If this chemical is inhaled in large quantities, move to fresh air at once. Perform mouth-to-mouth resuscitation if breathing has stopped. Keep the person warm and resting. For any of the above or if the chemical has been swallowed, seek medical attention promptly.

Aldrin

The PEL for aldrin is 0.25 mg/m^3. NIOSH has established an REL of 0.25 mg/m^3. The IDLH concentration for this substance is 25 mg/m^3.

Routes of exposure include inhalation, ingestion, absorption, and contact. Symptoms of exposure to aldrin include headache, dizziness, nausea, vomiting, malaise, and coma. If eye contact occurs, the eyes should be washed immediately with large amounts of water. For dermal contact, remove any penetrated clothing and immediately flush the contaminated skin with soap and water. If this chemical is inhaled in large quantities, move to fresh air at once. Perform mouth-to-mouth resuscitation if breathing has stopped. Keep the person warm and resting. For any of the above or if the chemical has been swallowed, seek medical attention promptly.

Toxaphene

The PEL for toxaphene is 0.5 mg/m^3. The IDLH concentration for this substance is 200 mg/m^3.

Routes of exposure include inhalation, ingestion, absorption, and contact. Symptoms of exposure to toxaphene include nausea, confusion, agitation, temor, convulsions, dry, red skin, and unconsciousness. If eye contact occurs, the eyes should be washed immediately with large amounts of water. For dermal contact, remove any penetrated clothing and immediately flush the contaminated skin with soap and water. If this chemical is inhaled in large quantities, move to fresh air at once. Perform mouth-to-mouth resuscitation if breathing has stopped. Keep the person warm and resting. For any of the above or if the chemical has been swallowed, seek medical attention promptly.

Dieldrin

The PEL for dieldrin is 0.25 mg/m^3. NIOSH has established an REL of 0.25 mg/m3. The IDLH concentration for this substance is 50 mg/m^3.

Routes of exposure include inhalation, ingestion, absorption, and contact. Symptoms of exposure to dieldrin include headache, dizziness, nausea, vomiting, sweat, and coma. If eye contact occurs, the eyes should be washed immediately with large amounts of water. For dermal contact, remove any penetrated clothing and immediately flush the contaminated skin with soap and water. If this chemical is inhaled in large quantities, move to fresh air at once. Perform mouth-to-mouth resuscitation if breathing has stopped. Keep the person warm and resting. For any of the above or if the chemical has been swallowed, seek medical attention promptly.

Appendix F

Site Safety Officer Responsibilities

An SSO will be designated. The responsibilities of the SSO will include the following:

- briefing personnel on the hazards at the site, the standard operating procedures to be employed, and emergency procedures;
- conducting onsite health monitoring;
- coordinating access control and site security, including responsibility for protection of third parties, such as visitors or the surrounding community;
- monitoring work practices and decontamination to ensure that required procedures are being followed;
- being available to document and respond to any concerns or complaints made by onsite personnel;
- documenting unsafe work practices or conditions;
- documenting any accidents or incidents that result in illness or injury to personnel; and
- evaluating and amending the HASP daily to remedy deficiencies and post entry briefings.

Appendix G

Authorized Changes to HASP

Insert the following changes and replace affected pages

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

_____ _____
Site Safety Officer Date

_____ _____
Project Director Date

References

U.S. Department of Health and Human Services, 1997. NIOSH Pocket Guide to Chemical Hazards. Washington, DC.

Appendix E Laboratory Reports and Boring Logs

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ADVANCED TECHNOLOGY LABORATORIES

February 22, 2013

ELAP No.: 1838
NELAP No.: 02107CA
CSDLAC No.: 10196
ORELAP No.: CA300003
TCEQ No.: T104704502

Denise Clendening
The Planning Center
2850 Inland Empire Blvd., Suite B
Ontario, CA 91764
Tel: (909) 989-4449
Fax:(909) 989-4447

Re: ATL Work Order Number : 1300509

Client Reference : PROPOSED MIDDLE SCHOOL PERRIS, CA, PUS-05.0

Enclosed are the results for sample(s) received on February 13, 2013 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

Eddie Rodriguez
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-16FILL	1300509-10	Soil	2/12/13 8:08	2/13/13 11:00
B-16@0.5'	1300509-11	Soil	2/12/13 8:09	2/13/13 11:00
B-5FILL	1300509-16	Soil	2/12/13 8:26	2/13/13 11:00
B-5@0.5'	1300509-17	Soil	2/12/13 8:27	2/13/13 11:00
B-2FILL	1300509-25	Soil	2/12/13 8:57	2/13/13 11:00
B-2@0.5'	1300509-26	Soil	2/12/13 8:58	2/13/13 11:00
B-9FILL	1300509-37	Soil	2/12/13 9:56	2/13/13 11:00
B-9@0.5'	1300509-38	Soil	2/12/13 9:57	2/13/13 11:00
B-18FILL	1300509-52	Soil	2/12/13 11:36	2/13/13 11:00
B-18@0.5'	1300509-53	Soil	2/12/13 11:39	2/13/13 11:00
B-32FILL	1300509-79	Soil	2/12/13 14:56	2/13/13 11:00
B-32@0.5'	1300509-80	Soil	2/12/13 14:58	2/13/13 11:00
B-27FILL	1300509-91	Soil	2/12/13 15:52	2/13/13 11:00
B-27FILL DUP	1300509-92	Soil	2/12/13 15:53	2/13/13 11:00
B-27@0.5'	1300509-93	Soil	2/12/13 15:54	2/13/13 11:00
B-27DUP@0.5'	1300509-94	Soil	2/12/13 15:55	2/13/13 11:00
B-29FILL	1300509-AD	Soil	2/12/13 16:26	2/13/13 11:00
B-29@0.5'	1300509-AE	Soil	2/12/13 16:27	2/13/13 11:00
STOCKPILE	1300509-AJ	Soil	2/12/13 16:45	2/13/13 11:00
B-19FILL	1300509-AT	Soil	2/12/13 17:38	2/13/13 11:00
B-19@0.5'	1300509-AU	Soil	2/12/13 17:39	2/13/13 11:00
EB021213	1300509-AW	Water	2/12/13 17:45	2/13/13 11:00
Composite B-13,B-14,B-19,B-20FILL	1300509-AX	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-13,B-14,B-19,B-20@0.5	1300509-AY	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-15,B-16,B-21,B-22FILL	1300509-AZ	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-15,B-16,B-21,B-22@0.5	1300509-BA	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-17,B-18,B-23,B-24FILL	1300509-BB	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-17,B-18,B-23,B-24@0.5	1300509-BC	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-5,B-6,B-11,B-12FILL	1300509-BD	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-5,B-6,B-11,B-12@0.5'	1300509-BE	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-3,B-4,B-9,B-10FILL	1300509-BF	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-3,B-4,B-9,B-10@0.5'	1300509-BG	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-1,B-2,B-7,B-8FILL	1300509-BH	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-1,B-2,B-7,B-8@0.5'	1300509-BI	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-25,B-26,B-31,B-32@0.5	1300509-BJ	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-25,B-26,B-31,B-32FILL	1300509-BK	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-27,B-28,B-33,B-34FILL	1300509-BL	Soil	2/12/13 0:00	2/13/13 11:00

Certificate of Analysis

The Planning Center	Project Number :	PROPOSED MIDDLE SCHOOL PERRIS	
2850 Inland Empire Blvd., Suite B	Report To :	Denise Clendening	
Ontario , CA 91764	Reported :	02/22/2013	

Composite B-27,B-28,B-33,B-34FILL	1300509-BM	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-27,B-28,B-33,B-34@0.5	1300509-BN	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-27DUP,B-28DUP,B-33D	1300509-BO	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-29,B-30,B-35,B-36FILL	1300509-BP	Soil	2/12/13 0:00	2/13/13 11:00
Composite B-29,B-30,B-35,B-36@0.5	1300509-BQ	Soil	2/12/13 0:00	2/13/13 11:00

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-16FILL

Lab ID: 1300509-10

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:28	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-16@0.5'

Lab ID: 1300509-11

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	0.99	NA	1	B3B0338	02/15/2013	02/15/13 15:32	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-5FILL

Lab ID: 1300509-16

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.6**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:34	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-5@0.5'

Lab ID: 1300509-17

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**2.9**	0.99	NA	1	B3B0338	02/15/2013	02/15/13 15:35	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-2FILL

Lab ID: 1300509-25

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.9**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:37	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-2@0.5'

Lab ID: 1300509-26

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**3.3**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:38	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-9FILL

Lab ID: 1300509-37

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.9**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:43	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-9@0.5'

Lab ID: 1300509-38

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.5**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:45	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-18FILL

Lab ID: 1300509-52

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**3.3**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:46	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-18@0.5'

Lab ID: 1300509-53

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:48	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-32FILL

Lab ID: 1300509-79

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**2.0**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:49	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-32@0.5'

Lab ID: 1300509-80

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.4**	0.98	NA	1	B3B0338	02/15/2013	02/15/13 15:50	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-27FILL

Lab ID: 1300509-91

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:52	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-27FILL DUP

Lab ID: 1300509-92

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.8**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:53	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-27@0.5'

Lab ID: 1300509-93

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.9**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:54	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-27DUP@0.5'

Lab ID: 1300509-94

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.1**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 15:55	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-29FILL

Lab ID: 1300509-AD

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**3.1**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 16:00	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-29@0.5'

Lab ID: 1300509-AE

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**1.5**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 16:01	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID STOCKPILE

Lab ID: 1300509-AJ

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 18:05	
Surrogate: Decachlorobiphenyl	*52.5 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 18:05*	
Surrogate: Tetrachloro-m-xylene	*57.7 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 18:05*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-19FILL

Lab ID: 1300509-AT

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**2.3**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 16:03	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID B-19@0.5'

Lab ID: 1300509-AU

Total Metals by ICP-AES EPA 6010B **Analyst: PT**

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	**2.5**	1.0	NA	1	B3B0338	02/15/2013	02/15/13 16:05	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID EB021213

Lab ID: 1300509-AW

Total Metals by ICP-AES EPA 6010B — **Analyst: PT**

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	0.010	NA	1	B3B0375	02/18/2013	02/19/13 08:35	

Organochlorine Pesticides by EPA 8081 — **Analyst: RP**

Analyte	Result (ug/L)	PQL (ug/L)	MDL (ug/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
4,4´-DDE	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
4,4´-DDT	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Aldrin	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
alpha-BHC	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
alpha-Chlordane	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
beta-BHC	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Chlordane	ND	0.25	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
delta-BHC	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Dieldrin	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Endosulfan I	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Endosulfan II	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Endosulfan sulfate	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Endrin	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Endrin aldehyde	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Endrin ketone	ND	0.05	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
gamma-BHC	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
gamma-Chlordane	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Heptachlor	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Heptachlor epoxide	ND	0.02	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Methoxychlor	ND	0.25	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Toxaphene	ND	2.5	NA	1	B3B0402	02/19/2013	02/20/13 11:14	
Surrogate: Decachlorobiphenyl	*87.5 %*	*26 - 132*			B3B0402	02/19/2013	*02/20/13 11:14*	
Surrogate: Tetrachloro-m-xylene	*83.0 %*	*40 - 125*			B3B0402	02/19/2013	*02/20/13 11:14*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-13,B-14,B-19,B-20FILL

Lab ID: 1300509-AX

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
4,4´-DDE [2C]	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
4,4´-DDT [2C]	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Aldrin	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
alpha-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
alpha-Chlordane	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
beta-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Chlordane	ND	8.5	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
delta-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Dieldrin	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Endosulfan I	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Endosulfan II	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Endosulfan sulfate	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Endrin	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Endrin aldehyde	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Endrin ketone	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
gamma-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
gamma-Chlordane	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Heptachlor	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Heptachlor epoxide	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Methoxychlor	ND	5.0	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Toxaphene	ND	50	NA	1	B3B0399	02/19/2013	02/19/13 15:46	
Surrogate: Decachlorobiphenyl	*67.5 %*		*28 - 106*		B3B0399	02/19/2013	*02/19/13 15:46*	
Surrogate: Tetrachloro-m-xylene	*63.2 %*		*42 - 102*		B3B0399	02/19/2013	*02/19/13 15:46*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-13,B-14,B-19,B-20@0.5'

Lab ID: 1300509-AY

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 18:18	
Surrogate: Decachlorobiphenyl	*70.4 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 18:18*	
Surrogate: Tetrachloro-m-xylene	*80.6 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 18:18*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-15,B-16,B-21,B-22FILL

Lab ID: 1300509-AZ

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 18:31	
Surrogate: Decachlorobiphenyl	*61.8 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 18:31*	
Surrogate: Tetrachloro-m-xylene	*67.3 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 18:31*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-15,B-16,B-21,B-22@0.5'

Lab ID: 1300509-BA

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 18:44	
Surrogate: Decachlorobiphenyl	*71.5 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 18:44*	
Surrogate: Tetrachloro-m-xylene	*74.9 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 18:44*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-17,B-18,B-23,B-24FILL

Lab ID: 1300509-BB

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 18:57	
Surrogate: Decachlorobiphenyl	*64.3 %*	*28 - 106*			B3B0383	02/18/2013	*02/18/13 18:57*	
Surrogate: Tetrachloro-m-xylene	*67.8 %*	*42 - 102*			B3B0383	02/18/2013	*02/18/13 18:57*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-17,B-18,B-23,B-24@0.5'

Lab ID: 1300509-BC

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 19:10	
Surrogate: Decachlorobiphenyl	*76.5 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 19:10*	
Surrogate: Tetrachloro-m-xylene	*80.8 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 19:10*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-5,B-6,B-11,B-12FILL

Lab ID: 1300509-BD

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 19:23	
Surrogate: Decachlorobiphenyl	*51.4 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 19:23*	
Surrogate: Tetrachloro-m-xylene	*53.3 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 19:23*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-5,B-6,B-11,B-12@0.5'

Lab ID: 1300509-BE

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
4,4´-DDE [2C]	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 19:36	
Surrogate: Decachlorobiphenyl	*58.3 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 19:36*	
Surrogate: Tetrachloro-m-xylene	*59.6 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 19:36*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-3,B-4,B-9,B-10FILL

Lab ID: 1300509-BF

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
4,4´-DDE [2C]	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 19:49	
Surrogate: Decachlorobiphenyl	*57.7 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 19:49*	
Surrogate: Tetrachloro-m-xylene	*60.0 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 19:49*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-3,B-4,B-9,B-10@0.5'

Lab ID: 1300509-BG

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 20:03	
Surrogate: Decachlorobiphenyl	*71.2 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 20:03*	
Surrogate: Tetrachloro-m-xylene	*74.4 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 20:03*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-1,B-2,B-7,B-8FILL

Lab ID: 1300509-BH

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
4,4´-DDE [2C]	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 20:16	
Surrogate: Decachlorobiphenyl	*66.5 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 20:16*	
Surrogate: Tetrachloro-m-xylene	*69.0 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 20:16*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-1,B-2,B-7,B-8@0.5'

Lab ID: 1300509-BI

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 20:29	
Surrogate: Decachlorobiphenyl	*56.7 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 20:29*	
Surrogate: Tetrachloro-m-xylene	*60.6 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 20:29*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-25,B-26,B-31,B-32@0.5'

Lab ID: 1300509-BJ

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
4,4´-DDE [2C]	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 20:42	
Surrogate: Decachlorobiphenyl	*78.8 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 20:42*	
Surrogate: Tetrachloro-m-xylene	*83.1 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 20:42*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-25,B-26,B-31,B-32FILL

Lab ID: 1300509-BK

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 20:55	
Surrogate: Decachlorobiphenyl	*66.9 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 20:55*	
Surrogate: Tetrachloro-m-xylene	*70.9 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 20:55*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-27,B-28,B-33,B-34FILL

Lab ID: 1300509-BL

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 21:08	
Surrogate: Decachlorobiphenyl	*76.5 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 21:08*	
Surrogate: Tetrachloro-m-xylene	*79.0 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 21:08*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-27,B-28,B-33,B-34FILLDUP

Lab ID: 1300509-BM

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 21:21	
Surrogate: Decachlorobiphenyl	*75.6 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 21:21*	
Surrogate: Tetrachloro-m-xylene	*75.8 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 21:21*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-27,B-28,B-33,B-34@0.5'

Lab ID: 1300509-BN

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 21:34	
Surrogate: Decachlorobiphenyl	*74.5 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 21:34*	
Surrogate: Tetrachloro-m-xylene	*74.1 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 21:34*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-27DUP,B-28DUP,B-33DUP,B-34DUP@0.5'

Lab ID: 1300509-BO

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 21:47	
Surrogate: Decachlorobiphenyl	*73.9 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 21:47*	
Surrogate: Tetrachloro-m-xylene	*76.0 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 21:47*	

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The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
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Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-29,B-30,B-35,B-36FILL

Lab ID: 1300509-BP

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
4,4´-DDE	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
4,4´-DDT	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Aldrin	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
alpha-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
alpha-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
beta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Chlordane	ND	8.5	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
delta-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Dieldrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Endosulfan I	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Endosulfan II	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Endosulfan sulfate	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Endrin	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Endrin aldehyde	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Endrin ketone	ND	2.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
gamma-BHC	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
gamma-Chlordane	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Heptachlor	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Heptachlor epoxide	ND	1.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Methoxychlor	ND	5.0	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Toxaphene	ND	50	NA	1	B3B0383	02/18/2013	02/18/13 22:00	
Surrogate: Decachlorobiphenyl	*74.4 %*		*28 - 106*		B3B0383	02/18/2013	*02/18/13 22:00*	
Surrogate: Tetrachloro-m-xylene	*78.0 %*		*42 - 102*		B3B0383	02/18/2013	*02/18/13 22:00*	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
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Ontario , CA 91764	Reported : 02/22/2013

Client Sample ID Composite B-29,B-30,B-35,B-36@0.5'

Lab ID: 1300509-BQ

Organochlorine Pesticides by EPA 8081 **Analyst: RP**

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4´-DDD	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
4,4´-DDE [2C]	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
4,4´-DDT [2C]	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Aldrin	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
alpha-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
alpha-Chlordane	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
beta-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Chlordane	ND	8.5	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
delta-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Dieldrin	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Endosulfan I	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Endosulfan II	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Endosulfan sulfate	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Endrin	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Endrin aldehyde	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Endrin ketone	ND	2.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
gamma-BHC	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
gamma-Chlordane	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Heptachlor	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Heptachlor epoxide	ND	1.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Methoxychlor	ND	5.0	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Toxaphene	ND	50	NA	1	B3B0399	02/19/2013	02/19/13 15:59	
Surrogate: Decachlorobiphenyl	*80.7 %*		*28 - 106*		B3B0399	02/19/2013	*02/19/13 15:59*	
Surrogate: Tetrachloro-m-xylene	*77.6 %*		*42 - 102*		B3B0399	02/19/2013	*02/19/13 15:59*	

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The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
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QUALITY CONTROL SECTION

Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0338 - EPA 3050B									
Blank (B3B0338-BLK1)					Prepared: 2/15/2013 Analyzed: 2/15/2013				
Arsenic	ND	1.0			NR				
LCS (B3B0338-BS1)					Prepared: 2/15/2013 Analyzed: 2/15/2013				
Arsenic	44.0100	1.0	50.0000		88.0	80 - 120			
Matrix Spike (B3B0338-MS1)		**Source: 1300509-10**			Prepared: 2/15/2013 Analyzed: 2/15/2013				
Arsenic	89.7916	1.0	125.000	0.297905	71.6	56 - 101			
Matrix Spike Dup (B3B0338-MSD1)		**Source: 1300509-10**			Prepared: 2/15/2013 Analyzed: 2/15/2013				
Arsenic	91.2878	1.0	125.000	0.297905	72.8	56 - 101	1.65	20	
Batch B3B0375 - EPA 3010A									
Blank (B3B0375-BLK1)					Prepared: 2/18/2013 Analyzed: 2/19/2013				
Arsenic	ND	0.010			NR				
LCS (B3B0375-BS1)					Prepared: 2/18/2013 Analyzed: 2/19/2013				
Arsenic	0.933464	0.010	1.00000		93.3	80 - 120			
Matrix Spike (B3B0375-MS1)		**Source: 1300509-AW**			Prepared: 2/18/2013 Analyzed: 2/19/2013				
Arsenic	2.33454	0.010	2.50000	ND	93.4	70 - 123			
Matrix Spike Dup (B3B0375-MSD1)		**Source: 1300509-AW**			Prepared: 2/18/2013 Analyzed: 2/19/2013				
Arsenic	2.29277	0.010	2.50000	ND	91.7	70 - 123	1.81	20	

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Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0383 - GCSEMI_PCB/PEST									
Blank (B3B0383-BLK1)				Prepared: 2/18/2013 Analyzed: 2/18/2013					
4,4´-DDD	ND	2.0			NR				
4,4´-DDD [2C]	ND	2.0			NR				
4,4´-DDE	ND	2.0			NR				
4,4´-DDE [2C]	ND	2.0			NR				
4,4´-DDT	ND	2.0			NR				
4,4´-DDT [2C]	ND	2.0			NR				
Aldrin	ND	1.0			NR				
Aldrin [2C]	ND	1.0			NR				
alpha-BHC	ND	1.0			NR				
alpha-BHC [2C]	ND	1.0			NR				
alpha-Chlordane	ND	1.0			NR				
alpha-Chlordane [2C]	ND	1.0			NR				
beta-BHC	ND	1.0			NR				
beta-BHC [2C]	ND	1.0			NR				
Chlordane	ND	8.5			NR				
Chlordane [2C]	ND	8.5			NR				
delta-BHC	ND	1.0			NR				
delta-BHC [2C]	ND	1.0			NR				
Dieldrin	ND	2.0			NR				
Dieldrin [2C]	ND	2.0			NR				
Endosulfan I	ND	1.0			NR				
Endosulfan I [2C]	ND	1.0			NR				
Endosulfan II	ND	2.0			NR				
Endosulfan II [2C]	ND	2.0			NR				
Endosulfan sulfate	ND	2.0			NR				
Endosulfan Sulfate [2C]	ND	2.0			NR				
Endrin	ND	2.0			NR				
Endrin [2C]	ND	2.0			NR				
Endrin aldehyde	ND	2.0			NR				
Endrin aldehyde [2C]	ND	2.0			NR				
Endrin ketone	ND	2.0			NR				
Endrin ketone [2C]	ND	2.0			NR				
gamma-BHC	ND	1.0			NR				
gamma-BHC [2C]	ND	1.0			NR				
gamma-Chlordane	ND	1.0			NR				
gamma-Chlordane [2C]	ND	1.0			NR				
Heptachlor	ND	1.0			NR				
Heptachlor [2C]	ND	1.0			NR				
Heptachlor epoxide	ND	1.0			NR				
Heptachlor epoxide [2C]	ND	1.0			NR				
Methoxychlor	ND	5.0			NR				

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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0383 - GCSEMI_PCB/PEST (continued)									
Blank (B3B0383-BLK1) - Continued					Prepared: 2/18/2013 Analyzed: 2/18/2013				
Methoxychlor [2C]	ND	5.0			NR				
Toxaphene	ND	50			NR				
Toxaphene [2C]	ND	50			NR				
Surrogate: Decachlorobiphenyl	*13.13*		*16.6667*		*78.8*	*28 - 106*			
Surrogate: Decachlorobiphenyl [2C]	*13.34*		*16.6667*		*80.1*	*28 - 106*			
Surrogate: Tetrachloro-m-xylene	*13.22*		*16.6667*		*79.3*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*12.32*		*16.6667*		*73.9*	*42 - 102*			
LCS (B3B0383-BS1)					Prepared: 2/18/2013 Analyzed: 2/18/2013				
4,4´-DDT	11.3688	2.0	16.6667		68.2	50 - 124			
4,4´-DDT [2C]	11.4105	2.0	16.6667		68.5	50 - 124			
Aldrin	11.9238	1.0	16.6667		71.5	55 - 111			
Aldrin [2C]	10.8765	1.0	16.6667		65.3	55 - 111			
Dieldrin	11.4500	2.0	16.6667		68.7	58 - 110			
Dieldrin [2C]	11.2152	2.0	16.6667		67.3	58 - 110			
Endrin	10.0643	2.0	16.6667		60.4	54 - 103			
Endrin [2C]	10.4910	2.0	16.6667		62.9	54 - 103			
gamma-BHC	12.3828	1.0	16.6667		74.3	58 - 114			
gamma-BHC [2C]	12.1218	1.0	16.6667		72.7	58 - 114			
Heptachlor	11.2225	1.0	16.6667		67.3	55 - 119			
Heptachlor [2C]	10.8840	1.0	16.6667		65.3	55 - 119			
Surrogate: Decachlorobiphenyl	*12.23*		*16.6667*		*73.4*	*28 - 106*			
Surrogate: Decachlorobiphenyl [2C]	*12.51*		*16.6667*		*75.1*	*28 - 106*			
Surrogate: Tetrachloro-m-xylene	*12.34*		*16.6667*		*74.1*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*11.58*		*16.6667*		*69.5*	*42 - 102*			
Matrix Spike (B3B0383-MS1)		**Source: 1300522-01**			Prepared: 2/18/2013 Analyzed: 2/18/2013				
4,4´-DDT	16.7768	2.0	16.6667	7.62900	54.9	12 - 174			
4,4´-DDT [2C]	16.6532	2.0	16.6667	7.96967	52.1	12 - 174			
Aldrin	10.4855	1.0	16.6667	ND	62.9	31 - 136			
Aldrin [2C]	9.55650	1.0	16.6667	ND	57.3	31 - 136			
Dieldrin	10.1027	2.0	16.6667	ND	60.6	24 - 151			
Dieldrin [2C]	10.0037	2.0	16.6667	ND	60.0	24 - 151			
Endrin	9.34067	2.0	16.6667	ND	56.0	21 - 151			
Endrin [2C]	9.51383	2.0	16.6667	ND	57.1	21 - 151			
gamma-BHC	10.9002	1.0	16.6667	ND	65.4	29 - 142			
gamma-BHC [2C]	10.9758	1.0	16.6667	ND	65.9	29 - 142			
Heptachlor	10.2945	1.0	16.6667	ND	61.8	25 - 154			
Heptachlor [2C]	10.5445	1.0	16.6667	ND	63.3	25 - 154			
Surrogate: Decachlorobiphenyl	*9.859*		*16.6667*		*59.2*	*28 - 106*			
Surrogate: Decachlorobiphenyl [2C]	*9.979*		*16.6667*		*59.9*	*28 - 106*			

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Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0383 - GCSEMI_PCB/PEST (continued)									
Matrix Spike (B3B0383-MS1) - Continued		**Source: 1300522-01**		Prepared: 2/18/2013 Analyzed: 2/18/2013					
Surrogate: Tetrachloro-m-xylene	*10.25*		*16.6667*		*61.5*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*9.990*		*16.6667*		*59.9*	*42 - 102*			
Matrix Spike Dup (B3B0383-MSD1)		**Source: 1300522-01**		Prepared: 2/18/2013 Analyzed: 2/18/2013					
4,4´-DDT	14.9158	2.0	16.6667	7.62900	43.7	12 - 174	11.7	20	
4,4´-DDT [2C]	14.8877	2.0	16.6667	7.96967	41.5	12 - 174	11.2	20	
Aldrin	10.0583	1.0	16.6667	ND	60.3	31 - 136	4.16	20	
Aldrin [2C]	9.10767	1.0	16.6667	ND	54.6	31 - 136	4.81	20	
Dieldrin	8.88000	2.0	16.6667	ND	53.3	24 - 151	12.9	20	
Dieldrin [2C]	9.37767	2.0	16.6667	ND	56.3	24 - 151	6.46	20	
Endrin	8.71983	2.0	16.6667	ND	52.3	21 - 151	6.88	20	
Endrin [2C]	9.28200	2.0	16.6667	ND	55.7	21 - 151	2.47	20	
gamma-BHC	10.6177	1.0	16.6667	ND	63.7	29 - 142	2.63	20	
gamma-BHC [2C]	10.6888	1.0	16.6667	ND	64.1	29 - 142	2.65	20	
Heptachlor	10.3215	1.0	16.6667	ND	61.9	25 - 154	0.262	20	
Heptachlor [2C]	10.5747	1.0	16.6667	ND	63.4	25 - 154	0.286	20	
Surrogate: Decachlorobiphenyl	*8.694*		*16.6667*		*52.2*	*28 - 106*			
Surrogate: Decachlorobiphenyl [2C]	*8.642*		*16.6667*		*51.8*	*28 - 106*			
Surrogate: Tetrachloro-m-xylene	*9.663*		*16.6667*		*58.0*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*9.476*		*16.6667*		*56.9*	*42 - 102*			
Batch B3B0399 - GCSEMI_PCB/PEST									
Blank (B3B0399-BLK1)				Prepared: 2/19/2013 Analyzed: 2/19/2013					
4,4´-DDD	ND	2.0			NR				
4,4´-DDD [2C]	ND	2.0			NR				
4,4´-DDE	ND	2.0			NR				
4,4´-DDE [2C]	ND	2.0			NR				
4,4´-DDT	ND	2.0			NR				
4,4´-DDT [2C]	ND	2.0			NR				
Aldrin	ND	1.0			NR				
Aldrin [2C]	ND	1.0			NR				
alpha-BHC	ND	1.0			NR				
alpha-BHC [2C]	ND	1.0			NR				
alpha-Chlordane	ND	1.0			NR				
alpha-Chlordane [2C]	ND	1.0			NR				
beta-BHC	ND	1.0			NR				
beta-BHC [2C]	ND	1.0			NR				
Chlordane	ND	8.5			NR				
Chlordane [2C]	ND	8.5			NR				
delta-BHC	ND	1.0			NR				

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0399 - GCSEMI_PCB/PEST (continued)									
Blank (B3B0399-BLK1) - Continued				Prepared: 2/19/2013 Analyzed: 2/19/2013					
delta-BHC [2C]	ND	1.0			NR				
Dieldrin	ND	2.0			NR				
Dieldrin [2C]	ND	2.0			NR				
Endosulfan I	ND	1.0			NR				
Endosulfan I [2C]	ND	1.0			NR				
Endosulfan II	ND	2.0			NR				
Endosulfan II [2C]	ND	2.0			NR				
Endosulfan sulfate	ND	2.0			NR				
Endosulfan Sulfate [2C]	ND	2.0			NR				
Endrin	ND	2.0			NR				
Endrin [2C]	ND	2.0			NR				
Endrin aldehyde	ND	2.0			NR				
Endrin aldehyde [2C]	ND	2.0			NR				
Endrin ketone	ND	2.0			NR				
Endrin ketone [2C]	ND	2.0			NR				
gamma-BHC	ND	1.0			NR				
gamma-BHC [2C]	ND	1.0			NR				
gamma-Chlordane	ND	1.0			NR				
gamma-Chlordane [2C]	ND	1.0			NR				
Heptachlor	ND	1.0			NR				
Heptachlor [2C]	ND	1.0			NR				
Heptachlor epoxide	ND	1.0			NR				
Heptachlor epoxide [2C]	ND	1.0			NR				
Methoxychlor	ND	5.0			NR				
Methoxychlor [2C]	ND	5.0			NR				
Toxaphene	ND	50			NR				
Toxaphene [2C]	ND	50			NR				
Surrogate: Decachlorobiphenyl	*13.23*		*16.6667*		*79.4*	*28 - 106*			
Surrogate: Decachlorobiphenyl [2C]	*13.28*		*16.6667*		*79.7*	*28 - 106*			
Surrogate: Tetrachloro-m-xylene	*12.45*		*16.6667*		*74.7*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*11.47*		*16.6667*		*68.8*	*42 - 102*			
LCS (B3B0399-BS1)				Prepared: 2/19/2013 Analyzed: 2/19/2013					
4,4´-DDT	13.1798	2.0	16.6667		79.1	50 - 124			
4,4´-DDT [2C]	12.1423	2.0	16.6667		72.9	50 - 124			
Aldrin	11.6767	1.0	16.6667		70.1	55 - 111			
Aldrin [2C]	10.5967	1.0	16.6667		63.6	55 - 111			
Dieldrin	11.6315	2.0	16.6667		69.8	58 - 110			
Dieldrin [2C]	11.4435	2.0	16.6667		68.7	58 - 110			
Endrin	11.0228	2.0	16.6667		66.1	54 - 103			
Endrin [2C]	11.1203	2.0	16.6667		66.7	54 - 103			

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0399 - GCSEMI_PCB/PEST (continued)									
LCS (B3B0399-BS1) - Continued				Prepared: 2/19/2013 Analyzed: 2/19/2013					
gamma-BHC	12.7410	1.0	16.6667		76.4	58 - 114			
gamma-BHC [2C]	12.2488	1.0	16.6667		73.5	58 - 114			
Heptachlor	13.1025	1.0	16.6667		78.6	55 - 119			
Heptachlor [2C]	11.7367	1.0	16.6667		70.4	55 - 119			
Surrogate: Decachlorobiphenyl	*12.83*		*16.6667*		*77.0*	*28 - 106*			
Surrogate: Decachlorobiphenyl [2C]	*12.74*		*16.6667*		*76.4*	*28 - 106*			
Surrogate: Tetrachloro-m-xylene	*12.19*		*16.6667*		*73.1*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*11.24*		*16.6667*		*67.5*	*42 - 102*			
Matrix Spike (B3B0399-MS1)		**Source: 1300509-AX**		Prepared: 2/19/2013 Analyzed: 2/19/2013					
4,4´-DDT	12.1803	2.0	16.6667	0.798000	68.3	12 - 174			
4,4´-DDT [2C]	11.6160	2.0	16.6667	0.971333	63.9	12 - 174			
Aldrin	9.43850	1.0	16.6667	ND	56.6	31 - 136			
Aldrin [2C]	8.98050	1.0	16.6667	ND	53.9	31 - 136			
Dieldrin	9.32750	2.0	16.6667	ND	56.0	24 - 151			
Dieldrin [2C]	9.96017	2.0	16.6667	ND	59.8	24 - 151			
Endrin	9.42383	2.0	16.6667	ND	56.5	21 - 151			
Endrin [2C]	9.86417	2.0	16.6667	ND	59.2	21 - 151			
gamma-BHC	10.0830	1.0	16.6667	ND	60.5	29 - 142			
gamma-BHC [2C]	10.2415	1.0	16.6667	ND	61.4	29 - 142			
Heptachlor	11.5508	1.0	16.6667	ND	69.3	25 - 154			
Heptachlor [2C]	11.4723	1.0	16.6667	ND	68.8	25 - 154			
Surrogate: Decachlorobiphenyl	*9.987*		*16.6667*		*59.9*	*28 - 106*			
Surrogate: Decachlorobiphenyl [2C]	*10.14*		*16.6667*		*60.9*	*28 - 106*			
Surrogate: Tetrachloro-m-xylene	*9.108*		*16.6667*		*54.6*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*9.133*		*16.6667*		*54.8*	*42 - 102*			
Matrix Spike Dup (B3B0399-MSD1)		**Source: 1300509-AX**		Prepared: 2/19/2013 Analyzed: 2/19/2013					
4,4´-DDT	13.7747	2.0	16.6667	0.798000	77.9	12 - 174	12.3	20	
4,4´-DDT [2C]	13.2622	2.0	16.6667	0.971333	73.7	12 - 174	13.2	20	
Aldrin	10.5985	1.0	16.6667	ND	63.6	31 - 136	11.6	20	
Aldrin [2C]	10.2975	1.0	16.6667	ND	61.8	31 - 136	13.7	20	
Dieldrin	10.4078	2.0	16.6667	ND	62.4	24 - 151	10.9	20	
Dieldrin [2C]	11.4295	2.0	16.6667	ND	68.6	24 - 151	13.7	20	
Endrin	10.6098	2.0	16.6667	ND	63.7	21 - 151	11.8	20	
Endrin [2C]	11.3292	2.0	16.6667	ND	68.0	21 - 151	13.8	20	
gamma-BHC	11.3408	1.0	16.6667	ND	68.0	29 - 142	11.7	20	
gamma-BHC [2C]	11.8105	1.0	16.6667	ND	70.9	29 - 142	14.2	20	
Heptachlor	13.1695	1.0	16.6667	ND	79.0	25 - 154	13.1	20	
Heptachlor [2C]	13.3455	1.0	16.6667	ND	80.1	25 - 154	15.1	20	
Surrogate: Decachlorobiphenyl	*10.79*		*16.6667*		*64.7*	*28 - 106*			

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
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Ontario , CA 91764	Reported : 02/22/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0399 - GCSEMI_PCB/PEST (continued)									
Matrix Spike Dup (B3B0399-MSD1) - Continued			**Source: 1300509-AX**		Prepared: 2/19/2013 Analyzed: 2/19/2013				
Surrogate: Decachlorobiphenyl [2C]	*11.19*		*16.6667*		*67.1*	*28 - 106*			
Surrogate: Tetrachloro-m-xylene	*10.02*		*16.6667*		*60.1*	*42 - 102*			
Surrogate: Tetrachloro-m-xylene [2C]	*10.29*		*16.6667*		*61.7*	*42 - 102*			
Batch B3B0402 - GCSEMI_PCB/PEST									
Blank (B3B0402-BLK1)					Prepared: 2/19/2013 Analyzed: 2/20/2013				
4,4´-DDD	ND	0.05			NR				
4,4´-DDD [2C]	ND	0.05			NR				
4,4´-DDE	ND	0.05			NR				
4,4´-DDE [2C]	ND	0.05			NR				
4,4´-DDT	ND	0.05			NR				
4,4´-DDT [2C]	ND	0.05			NR				
Aldrin	ND	0.02			NR				
Aldrin [2C]	ND	0.02			NR				
alpha-BHC	ND	0.02			NR				
alpha-BHC [2C]	ND	0.02			NR				
alpha-Chlordane	ND	0.02			NR				
alpha-Chlordane [2C]	ND	0.02			NR				
beta-BHC	ND	0.02			NR				
beta-BHC [2C]	ND	0.02			NR				
Chlordane	ND	0.25			NR				
Chlordane [2C]	ND	0.25			NR				
delta-BHC	ND	0.02			NR				
delta-BHC [2C]	ND	0.02			NR				
Dieldrin	ND	0.05			NR				
Dieldrin [2C]	ND	0.05			NR				
Endosulfan I	ND	0.02			NR				
Endosulfan I [2C]	ND	0.02			NR				
Endosulfan II	ND	0.05			NR				
Endosulfan II [2C]	ND	0.05			NR				
Endosulfan sulfate	ND	0.05			NR				
Endosulfan Sulfate [2C]	ND	0.05			NR				
Endrin	ND	0.05			NR				
Endrin [2C]	ND	0.05			NR				
Endrin aldehyde	ND	0.05			NR				
Endrin aldehyde [2C]	ND	0.05			NR				
Endrin ketone	ND	0.05			NR				
Endrin ketone [2C]	ND	0.05			NR				
gamma-BHC	ND	0.02			NR				
gamma-BHC [2C]	ND	0.02			NR				

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0402 - GCSEMI_PCB/PEST (continued)									
Blank (B3B0402-BLK1) - Continued				Prepared: 2/19/2013 Analyzed: 2/20/2013					
gamma-Chlordane	ND	0.02			NR				
gamma-Chlordane [2C]	ND	0.02			NR				
Heptachlor	ND	0.02			NR				
Heptachlor [2C]	ND	0.02			NR				
Heptachlor epoxide	ND	0.02			NR				
Heptachlor epoxide [2C]	ND	0.02			NR				
Methoxychlor	ND	0.25			NR				
Methoxychlor [2C]	ND	0.25			NR				
Toxaphene	ND	2.5			NR				
Toxaphene [2C]	ND	2.5			NR				
Surrogate: Decachlorobiphenyl	*0.4102*		*0.500000*		*82.0*	*26 - 132*			
Surrogate: Decachlorobiphenyl [2C]	*0.4088*		*0.500000*		*81.8*	*26 - 132*			
Surrogate: Tetrachloro-m-xylene	*0.3865*		*0.500000*		*77.3*	*40 - 125*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.3552*		*0.500000*		*71.0*	*40 - 125*			
LCS (B3B0402-BS1)				Prepared: 2/19/2013 Analyzed: 2/20/2013					
4,4´-DDT	0.438455	0.05	0.500000		87.7	45 - 124			
4,4´-DDT [2C]	0.403195	0.05	0.500000		80.6	45 - 124			
Aldrin	0.382635	0.02	0.500000		76.5	55 - 112			
Aldrin [2C]	0.341985	0.02	0.500000		68.4	55 - 112			
Dieldrin	0.382300	0.05	0.500000		76.5	57 - 110			
Dieldrin [2C]	0.376025	0.05	0.500000		75.2	57 - 110			
Endrin	0.367440	0.05	0.500000		73.5	52 - 104			
Endrin [2C]	0.375265	0.05	0.500000		75.1	52 - 104			
gamma-BHC	0.416880	0.02	0.500000		83.4	56 - 115			
gamma-BHC [2C]	0.398450	0.02	0.500000		79.7	56 - 115			
Heptachlor	0.417920	0.02	0.500000		83.6	55 - 118			
Heptachlor [2C]	0.366605	0.02	0.500000		73.3	55 - 118			
Surrogate: Decachlorobiphenyl	*0.4194*		*0.500000*		*83.9*	*26 - 132*			
Surrogate: Decachlorobiphenyl [2C]	*0.4159*		*0.500000*		*83.2*	*26 - 132*			
Surrogate: Tetrachloro-m-xylene	*0.3921*		*0.500000*		*78.4*	*40 - 125*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.3568*		*0.500000*		*71.4*	*40 - 125*			
LCS Dup (B3B0402-BSD1)				Prepared: 2/19/2013 Analyzed: 2/20/2013					
4,4´-DDT	0.463610	0.05	0.500000		92.7	45 - 124	5.58	20	
4,4´-DDT [2C]	0.426650	0.05	0.500000		85.3	45 - 124	5.65	20	
Aldrin	0.400455	0.02	0.500000		80.1	55 - 112	4.55	20	
Aldrin [2C]	0.356825	0.02	0.500000		71.4	55 - 112	4.25	20	
Dieldrin	0.402630	0.05	0.500000		80.5	57 - 110	5.18	20	
Dieldrin [2C]	0.395665	0.05	0.500000		79.1	57 - 110	5.09	20	
Endrin	0.386700	0.05	0.500000		77.3	52 - 104	5.11	20	

Certificate of Analysis

The Planning Center	Project Number : PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B	Report To : Denise Clendening
Ontario , CA 91764	Reported : 02/22/2013

Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/L)	PQL (ug/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B3B0402 - GCSEMI_PCB/PEST (continued)									
LCS Dup (B3B0402-BSD1) - Continued				Prepared: 2/19/2013 Analyzed: 2/20/2013					
Endrin [2C]	0.391230	0.05	0.500000		78.2	52 - 104	4.17	20	
gamma-BHC	0.429010	0.02	0.500000		85.8	56 - 115	2.87	20	
gamma-BHC [2C]	0.411270	0.02	0.500000		82.3	56 - 115	3.17	20	
Heptachlor	0.437610	0.02	0.500000		87.5	55 - 118	4.60	20	
Heptachlor [2C]	0.384405	0.02	0.500000		76.9	55 - 118	4.74	20	
Surrogate: Decachlorobiphenyl	*0.4290*		*0.500000*		*85.8*	*26 - 132*			
Surrogate: Decachlorobiphenyl [2C]	*0.4262*		*0.500000*		*85.2*	*26 - 132*			
Surrogate: Tetrachloro-m-xylene	*0.3896*		*0.500000*		*77.9*	*40 - 125*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.3556*		*0.500000*		*71.1*	*40 - 125*			

Certificate of Analysis

The Planning Center		Project Number :	PROPOSED MIDDLE SCHOOL PERRIS
2850 Inland Empire Blvd., Suite B		Report To :	Denise Clendening
Ontario , CA 91764		Reported :	02/22/2013

Notes and Definitions

ND	Analyte not detected at or above reporting limit
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA1	CA-NELAP (CDPH)
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)
TX1	TX-NELAP (TCEQ)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): MIKE WATSON

Signature:

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

FOR LABORATORY USE ONLY:

Method of Transport: ☐ Client ☒ ATL ☐ FedEx ☐ OnTrac ☐ GSO ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED 5.6 Y☑ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: THE PLANNING CENTER | DCE
Address: 2850 INLAND EMPIRE BLVD. SUITE B
TEL: 909 989 4449
Attn: DENISE CLENDENING
City: ONTARIO State: CA Zip Code: 91764
FAX:
Project Name: PROPOSED MIDDLE SCHOOL PERRIS, CA
Project #: PVS-05.0
Sampler: (Printed Name) MIKE WATSON (Signature)

Relinquished by: (Signature and Printed Name)	Date: 2/13/13	Time: 1100	Received by: (Signature and Printed Name)	Date: 2/13/13	Time: 11:00
Relinquished by: (Signature and Printed Name) Edward R.	Date: 2/13/13	Time: 12:38	Received by: (Signature and Printed Name) Edward Rodriguez	Date: 2/13/13	Time: 1239
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

Bill To:
Attn: Same E-mail:
Company:
Address:
City: State: Zip:

Send Report To:
Attn: Same E-mail:
Company:
Addrress:
City: State: Zip:

Special Instructions/Comments:
C=composite
X=discrete

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all Samples and Hardcopy will be disposed Forty-five(45) days after generation of report - electronic copies retained for five(5) years.
Storage Fees (applies when storage is requested):
■ Sample : Forty-five(45) Days Complimentary - $2.00 / sample / mo thereafter.
Hardcopy Reports $17.50 per report.

CIRCLE or Write IN Analyses Needed

CIRCLE APPROPRIATE MATRIX: SOLIDS/SEDIMENT/SLUDGE; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL; SOLIDS/WIPES/FILTERS

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260-624 (Volatiles)	8015B (GRO) / 8021 (BTEX)	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/8015B(HCID)	8081 OrgCl / 8141 OrgPO4 Pest	8082 PCBs	6010B-200.7 CAM Metals	6010B-200.7 Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	6010A OCPs	6010A Asbestos	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	1300504 - 1	B-13 FILL	2/12	0731											C		X	X	E	1	1	2	4	B-13, B-14, B-20 B-20 FILL
2	- 2	B-13 @ 0.5'		0732											C									B-13, B-14, B-19 B-20 @ 0.5
3	- 3	B-13 @ 3.0'		0735													X							
4	- 4	B-14 FILL		0750											C									Sa B-13 FILL
5	- 5	B-14 @ 0.5'		0751											C									Sa B-13 @ 0.5
6	- 6	B-14 @ 3.0'		0752													X							
7	- 7	B-15 FILL		0759											C									B-15, B-16, B-21 B-22 FILL
8	- 8	B-15 @ 5'		0800											C									B-15, B-16, B-21 B-22 @ 0.5
9	- 9	B-15 @ 3.0'		0801													X							
10	- 10	B-16 FILL		0803											C	X								Sa B-15 FILL

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode____ OTHER ____

☐ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.
Weekend, Holiday, Off Hours Work ASK for QUOTE
Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister
Material: 1=Glass 2=Plastic 3=Metal
Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=Zn(Ac)$_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM	10% DISCOUNT 10th BUSINESS DAY 5:30 PM

For RUSH TCLP/STLC, add 2 days to respective TAT.
Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

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Submitter (Print): MIKE WATSON

Signature:

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

FOR LABORATORY USE ONLY:

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2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: THE PLANNING CENTER IDCAE
Attn: DENISE CLENDENING
Address: 2850 INLAND EMPIRE BLVD, SUITE B
City ONTARIO State CA Zip Code 91764
TEL: 909 989 4449
FAX:
Project Name: PROPOSED MIDDLE SCHOOL Project #: PVS-05.0
Sampler: (Printed Name) MIKE WATSON (Signature)

Relinquished by: (Signature and Printed Name)		Date: 2/13/13	Time: 1100	Received by: (Signature and Printed Name)		Date: 2/13/13	Time: 11:00
Relinquished by: (Signature and Printed Name)	Edward R.	Date: 2/13/13	Time: 12:38	Received by: (Signature and Printed Name)	Edward Rodriguez	Date: 2/13/13	Time: 1238
Relinquished by: (Signature and Printed Name)		Date:	Time:	Received by: (Signature and Printed Name)		Date:	Time:

Bill To: Attn: Same E-mail: Company: Address: City: State: Zip:

Send Report To: Attn: Same E-mail: Company: Addrress: City: State: Zip:

Special Instructions/Comments:
C=composite
X=discrete

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all Samples and Hardcopy will be disposed Forty-five(45) days after generation of report - electronic copies retained for five(5) years.
Storage Fees (applies when storage is requested):
■ Sample : Forty-five(45) Days Complimentary - $2.00 / sample / mo thereafter.
Hardcopy Reports $17.50 per report.

CIRCLE or Write IN Analyses Needed

CIRCLE APPROPRIATE MATRIX: AQUEOUS/LAYERED-OIL; WATER-STORM/WASTE; WATER-DRINKING/GROUND; SOLIDS/WIPES/FILTERS; (SOIL)SEDIMENT/SLUDGE

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260-624 (Volatiles)	8015B (GRO) / 8021 (BTEX)	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/8015B(HCID)	8081 OrgCl / 8141 OrgPO4 Pest	8082 PCBs	6010B-200.7 CAM Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	8081 OCPs (6010B Added)	Asbestos	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	1300509 -11	B-16 @0.5'	2/12	0859											C	X	X	E	1	1 2 4		See B15@0.5'
2	-12	B-16 @3.0'		0810													X					
3	-13	B-17 FILL		0817											C							B17, B18, B23 B-24 FILL
4	-14	B-17 @0.5'		0818											C							B-17, B18, B23 B-24 @0.5'
5	-15	B-17 @3.0'		0819													X					
6	-16	B-5 FILL		0826											C	X						B-5, B-6, B11, B-12 FILL
7	-17	B-5 @0.5'		0827											C	X						B-5, B-6, B11, B-12 @0.5'
8	-18	B-5 @3.0'		0828													X					
9	-19	B-4 FILL		0836											C							See B-3 FILL
10	-20	B-4 @0.5'	↓	0837											C			↓	↓	↓		See B-3 @0.5'

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode____ OTHER ____ REMARKS

☒ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.
Weekend, Holiday, Off Hours Work ASK for QUOTE
Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister
Material: 1=Glass 2=Plastic 3=Metal
Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM	10% DISCOUNT 10th BUSINESS DAY 5:30 PM

For RUSH TCLP/STLC, add 2 days to respective TAT.
Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): MIKE WATSON

Signature:

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

FOR LABORATORY USE ONLY:

Method of Transport: ☐ Client ☒ ATL ☐ FedEx ☐ OnTrac ☐ GSO ☐ Other: _____

Sample Condition Upon Receipt

1. CHILLED	Y☐ N☐	4. SEALED	Y☐ N☐
2. HEADSPACE (VOA)	Y☐ N☐	5. # OF SPLS MATCH COC	Y☐ N☐
3. CONTAINER INTACT	Y☐ N☐	6. PRESERVED	Y☐ N☐

Client: THE PLANNING CENTER | DCE
Address: 2850 INLAND EMPIRE BLVD, SUITE B
TEL: 909 989 4449
Attn: DENISE CLENDENING
City: ONTARIO State: CA Zip Code: 91764
FAX:
Project Name: PROPOSED MIDDLE SCHOOL PERRIS, CA
Project #: PJS-05.0
Sampler: (Printed Name) MIKE WATSON (Signature)

Relinquished by: (Signature and Printed Name)	Date: 2/13/13	Time: 1100	Received by: (Signature and Printed Name) Edward Rodriguez	Date: 2/13/13	Time: 11:00
Relinquished by: (Signature and Printed Name) Edward R.	Date: 2/13/13	Time: 1230	Received by: (Signature and Printed Name) C. Aguilar	Date: 2/13/13	Time: 1239
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

Bill To:
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City: State: Zip:

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CIRCLE APPROPRIATE MATRIX: (SOLID/SEDIMENT/SLUDGE) SOLIDS/WIPES/FILTERS WATER-DRINKING/GROUND WATER-STORM/WASTE AQUEOUS/LAYERED-OIL

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm	Sample Description			8260-624 (Volatiles)	8015B (GRO) / 8021 (BTEX)	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/8015B(HCID)	8081 OrgCl / 8141 OrgPO4 Pest	8082 PCBs	6010B-200.7 CAM Metals	6010B-200.7 Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	8081A OCPs	6010B Ag/As/Cr	HOLD	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	Lab No.	Sample I.D. / Location	Date	Time																				
1	1300509 -21	B-4@3.0'	2/12	0835														X	X	E	1	1	2	4	
2	-22	B-3FILL		0846													C								B-3, B-4, B-9 B-10FILL
3	-23	B-3@0.5'		0847													C								B-3, B-4, B-9, B-10@0.5'
4	-24	B-3@3.0'		0845														X							
5	-25	B-2FILL		0857													C	X							B-1FILL
6	-26	B-2@0.5'		0858													C	X							Same B-1@0.5'
7	-27	B-2@3.0'		0859														X							
8	-28	B-1 FILL		0906													C								B-1, B-2, B-7, B-8 FILL
9	-29	B-1@0.5'		0907													C								B-1, B-2, B-7, B-8@0.5'
10	-30	B-1@3.0'		0908														X							

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode ____ OTHER ____

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Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister

Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

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1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: THE PLANNING CENTER IDCLE
Address: 2850 INLAND EMPIRE BLVD, SUITE B
TEL: 909 989 4949
Attn: DENISE CLENDENING
City ONTARIO State CA Zip Code 91764
FAX:
Project Name: PROPOSED MIDDLE SCHOOL Project #: PUS-05.0
Sampler: (Printed Name) MIKE WATSON (Signature)
PERRIS, CA

Relinquished by: (Signature and Printed Name)		Date: 2/13/13	Time: 1100	Received by: (Signature and Printed Name)	Edward Rodriguez	Date: 2/13/13	Time: 11:00
Relinquished by: (Signature and Printed Name)	Edward R.	Date: 2/13/13	Time: 12:38	Received by: (Signature and Printed Name)	C. Ayala	Date: 2/13/13	Time: 12:38
Relinquished by: (Signature and Printed Name)		Date:	Time:	Received by: (Signature and Printed Name)		Date:	Time:

Bill To:
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Send Report To:
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CIRCLE APPROPRIATE MATRIX

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1	1300509 -31	B-7FILL	2/12	0920												C		X							E	1	1	2	4	see B-1FILL
2	-32	B-7@0.5'		0921												C													see B-1@0.5'
3	-33	B-7@3.0'		0922													X												
4	-34	B-8@0.5'		0941												C													see B-1@0.5'
5	-35	B-8@3.0'		0944													X												
6	-36	B-8FILL		0938												C													see B-1FILL
7	-37	B-9FILL		0956												C	X												see B-3FILL
8	-38	B-9@0.5'		0955												C	X												see B-3@0.5'
9	-39	B-9@3.0'		0959													X												
10	-40	B-10 FILL	↓	1006												C									↓	↓	↓	↓	see B-3FILL

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode____ OTHER ____

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2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: THE PLANNING CENTER | D&E
Address: 2850 INLAND EMPIRE BLVD, SUITE B
TEL: 909 989 4449
Attn: DENISE GLENDENING
City ONTARIO State CA Zip Code 91764
FAX:
Project Name: PROPOSED MIDDLE SCHOOL PERRIS, CA
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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

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1	13W509-41	B-10@0.5'	2/12	1015											C		X	E	1	1	2	4	see B-3@0.5
2	-42	B-10@3.0'		1016													X						
3	-43	B-11 FILL		1032											C								see B-5 FILL
4	-44	B-11@0.5'		1040											C								see B-5@0.5'
5	-45	B-11@3.0'		1042													X						
6	-46	B-6 FILL		1056											C								see B-5 FILL
7	-47	B-6@0.5'		1100											C								see B-5@0.5'
8	-48	B-6@3.0'		1101													X						
9	-49	B-12 FILL		1115											C								see B-5 FILL
10	-50	B-12@0.5'	X	1121											C								see B-5@0.5'

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode____
OTHER ____

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Attn: DENISE LIEMGENING — City: ONTARIO — State: CA — Zip Code: 91764 — FAX:

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2	-52	B-18FILL		1136												C	X							See B-17 FILL
3	-53	B-18@0.5'		1139												C	X							See B-17 @0.5'
4	-54	B-18@3.0'		1143														X						
5	-55	B-21 FILL		1155												C								See B-17 FILL
6	-56	B-21@0.5'		1158												C								See B-17 @0.5'
7	-57	B-21@3.0'		1201														X						
8	-58	B-30 FILL		1213												C								See B-29 FILL
9	-59	B-30@0.5'		1215												C								See B-29 @ 0.5'
10	-60	B-30@3.0'	↓	1216														X	↓	↓	↓	↓	↓	

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Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM	10% DISCOUNT 10th BUSINESS DAY 5:30 PM

For RUSH TCLP/STLC, add 2 days to respective TAT.

Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

As the authorized agent of the below named company, I hereby purchase testing services from ATL as dictated below and guarantee payment in full.

Submitter (Print): MIKE WATSON

Signature:

Submitter - Please complete all SHADED areas and include QUOTE # above to ensure proper invoicing.

Method of Transport: ☐ Client ☒ ATL ☐ FedEx ☐ OnTrac ☐ GSO ☐ Other: _____

FOR LABORATORY USE ONLY:

Sample Condition Upon Receipt

1. CHILLED	Y☐ N☐	4. SEALED	Y☐ N☐
2. HEADSPACE (VOA)	Y☐ N☐	5. # OF SPLS MATCH COC	Y☐ N☐
3. CONTAINER INTACT	Y☐ N☐	6. PRESERVED	Y☐ N☐

Client: THE PLANNING CENTER / DCE
Address: 2850 INLAND EMPIRE BLVD, SUITE B
TEL: 909 989 4449
Attn: DENISE CLENDENING
City: ONTARIO State: CA Zip Code: 91764
FAX:
Project Name: PROPOSED MIDDLE SCHOOL Project #: PVS-05.0 Sampler: (Printed Name) MIKE WATSON (Signature)
PERRIS, CA

Relinquished by: (Signature and Printed Name)	Date: 2/13/13	Time: 1100	Received by: (Signature and Printed Name)	Date:	Time:
Relinquished by: (Signature and Printed Name) Edward R.	Date: 2/13/13	Time: 1238	Received by: (Signature and Printed Name) C. Agrk	Date: 2/13/13	Time: 1238
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Bill To: Attn: Same E-mail: Company: Address: City: State: Zip:

Send Report To: Attn: Same E-mail: Company: Addrress: City: State: Zip:

Special Instructions/Comments:
C = composite
X = discrete

Sample/Records - Archival & Disposal
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CIRCLE or Write IN Analyses Needed — CIRCLE APPROPRIATE MATRIX

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260-624 (Volatiles)	8015B (GRO) / 8021 (BTEX)	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/8015B(HCID)	8081 OrgCl / 8141 OrgPO4 Pest	8082 PCBs	6010B-200.7 CAM Metals	6010B-200.7 Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	8081A OCPs	6010B Arsenic	6010B SEDIMENT/SLUDGE	SOLIDS/WIPES/FILTERS	WATER-DRINKING/GROUND	WATER-STORM/WASTE	AQUEOUS/LAYERED-OIL	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	130509-01	B-36 FILL	2/12	1233												C		X						E	1	1 2	4	See B-29 FILL
2	-02	B-36 @ 0.5'		1234												C												See B-29 @ 0.5'
3	-03	B-36 @ 3.0'		1235													X											
4	-04	B-35 FILL		1328												C												See B-29 FILL
5	-05	B-35 @ 0.5'		1330												C												See B-29 @ 0.5'
6	-06	B-35 @ 3.0'		1337													X											
7	-07	B-34 FILL		1353												C												See B-27 FILL
8	-08	B-34 FILL DUP		1354												C												See B-27 FILL DUP
9	-09	B-34 @ 0.5'		1355												C												See B-27 @ 0.5'
10	-10	B-34 @ 3.0'		1357													X											

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode ____ OTHER ____

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3. CONTAINER INTACT	Y☐ N☐	6. PRESERVED	Y☐ N☐

Client: THE PLANNING CENTER | DCE — Address: 2950 INLAND EMPIRE BLVD, SUITE B — TEL: 9099894999

Attn: DENISE CLEMENTS — City: ONTARIO — State: CA — Zip Code: 91764 — FAX:

Project Name: PROPOSED MIDDLE SCHOOL PERRIS, CA — Project #: PUS-05.0 — Sampler: (Printed Name) MIKE WATSON (Signature)

	Date	Time		Date	Time
Relinquished by: (Signature and Printed Name)	2/13/13	1100	Received by: (Signature and Printed Name) Edward Rodriguez	2/13/13	11:00
Relinquished by: (Signature and Printed Name) Edward R.	2/13/13	1238	Received by: (Signature and Printed Name)	2/13/13	1239
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

Bill To: Attn: SAME E-mail: Company: Address: City: State: Zip:

Send Report To: Attn: SAME E-mail: Company: Addrress: City: State: Zip:

Special Instructions/Comments:

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X=discrete

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1	1300509 - 71	B-34DUPCO.5'	2/12	1356											C		X								E	1	1	24	See B-27 DUPCO.5'
2	- 72	B-34DUPE3.0'		1358												X													
3	- 73	B-33 FILL		1424											C														See B-27 FILL
4	- 74	B-33 FILL DUP		1425											C														See B-27 FILL DUP
5	- 75	B-33CO.5'		1432											C														See B-27 CO.5'
6	- 76	B-33DUPCO.5'		1434											C														See B-27 DUP CO.5'
7	- 77	B-33E3.0'		1435												X													
8	- 78	B-33DUPE3.0'		1436												X													
9	- 79	B-32FILL		1456											C	X													See B-25 FILL
10	- 80	B-32CO.5'	↓	1458											C	X									↓	↓	↓	↓	See B-25 CO.5'

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode ____ OTHER ____

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Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=$Zn(Ac)_2$ 6=NaOH 7=$NA_2S_2O_4$

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P.O.#: _____ Quote #: _____

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Signature:

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3. CONTAINER INTACT	Y☐ N☐	6. PRESERVED	Y☐ N☐

Client: THE PLANNING CENTER IDC&E
Attn: DENISE CLENDENING
Address: 2850 INLAND EMPIRE BLVD, SUITE B
City: ONTARIO State: CA Zip Code: 91764
TEL: 909 989 4449 FAX:

Project Name: PROPOSED MIDDLE SCHOOL PERRIS, CA Project #: PJ505.0 Sampler: (Printed Name) MIKE WATSON (Signature)

Relinquished by: (Signature and Printed Name)	Date: 2/13/13	Time: 1100	Received by: (Signature and Printed Name) Edward Rodriguez	Date: 2/13/13	Time: 11:00
Relinquished by: (Signature and Printed Name) Edward R	Date: 2/13/13	Time: 1238	Received by: (Signature and Printed Name) C. Bgarbe Jr	Date: 2/13/13	Time: 1237
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

Bill To: Attn: same E-mail: Company: Address: City: State: Zip:

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CIRCLE or Write IN Analyses Needed

CIRCLE APPROPRIATE MATRIX: SOLIDS/SEDIMENT/SLUDGE; SOIL; WATER-DRINKING/GROUND; WATER-STORM/WASTE; AQUEOUS/LAYERED-OIL

ITEM	BUSINESS HOURS 8:30 am to 5:30 pm Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8260-624 (Volatiles)	8015B (GRO) / 8021 (BTEX)	TO-15 / TO-14 / TO-3 / RSK-175	8270B-625(BNA) / 8310(PAHs)	8015B(DRO)/8015B(HCID)	8081 OrgCl / 8141 OrgPO4 Pest	8082 PCBs	6010B-200.7 CAM Metals	6010B-200.7 Metals	6020B-200.8-1640 Metals	7199-218.6 (Hex. Chromium)	300(Anions) / 314 (Perchlorate)	8081A OCPs (8082A Aroclors)	6010B HOLD	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
1	1305095-81	B-32@3.0'	2/12	1459													X	X	E	1	1	4	
2	-82	B-31 FILL		1512												C							See B-25 FILL
3	-83	B-31@0.5'		1514												C							See B-25 @ 0.5'
4	-84	B-31@3.0'		1515													X						
5	-85	B-25@0.5'		1527												C							B-25, B-26, B-31 B-32 @ 0.5'
6	-86	B-25@3.0'		1528													X						
7	-87	B-25 FILL		1529												C							B-25, B-26, B-31, B-32 FILL
8	-88	B-26 FILL		1540												C							See B-25 FILL
9	-89	B-26@0.5'		1541												C							See B-25 @ 0.5'
10	-90	B-26@3.0'		1542													X						

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode____ OTHER ____

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Bill To:
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1	13W 509 -91	B-27 FILL	2/12	1552											C	X		X	E	1	1	2	4	B-27 B-28 B- B-34 FILL
2	-92	B-27 FILL DUP		1553											C	X								B-27, B-28, B-3 B-34 FILL DUP
3	-93	B-27 @ 0.5'		1554											C	X								B-27, B-28, B- B-34 @ 0.5'
4	-94	B-27 DUP @ 0.5'		1555											C	X								B-27 DUP, B-28 B-33 @ 5, B-34 D
5	-95	B-27 @ 3.0'		1556													X							
6	-96	B-27 DUP @ 3.0'		1557													X							
7	-97	B-28 FILL		1610											C									See B-27 FIL
8	-98	B-28 FILL DUP		1611											C									See B-27 FILL
9	-99	B-28 @ 0.5'		1612											C									See B-27 @ 0.5'
10	-100	B-28 DUP @ 0.5'		1613											C									See B-27 DUP @ 0.5'

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode: ____ OTHER ____

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Client: THE PLANNING CENTER | DCKE Address: 2850 INLAND EMPIRE BLVD, SUITE B TEL: 909 989 4949

Attn: DENISE CLENDENING City ONTARIO State CA Zip Code 91764 FAX:

Project Name: PROPOSED MIDDLE SCHOOL Project #: DUS-05.0 Sampler: (Printed Name) MIKE WATSON (Signature)

PERRIS, CA

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	Lab No.	Sample I.D. / Location	Date	Time																			
1	13W309 -AB	B-28@3.0'	2/12	1614														X	X	E	1	12	4	
2	-AC	B-28DUPE3.0'		1615														X						
3	-AD	B-29FILL		1626												C	X							B-29, B-30, B-35, B-36FILL
4	-AE	B-29@0.5'		1627												C	X							B-29, B30, B-35, B-36@0.5'
5	-AF	B-29@3.0'		1628														X						
6	-AG	B-23 FILL		1641												C								See B-17FILL
7	-AH	B-23@0.5'		1642												C								See B-17@0.5'
8	-AJ	B-23@3.0'		1643														X						
9	-AJ	STOCKPILE		1645												X								
10	-AK	B-22 FILL		1658												C								See B-15FILL

QA/QC: RTNE ☐ CT ☐ Legal ☐ SWRCB ☐ Logcode____ OTHER____

☐ Samples Submitted AFTER 3:30 PM, are considered received the following business day at 8:30 AM.

Weekend, Holiday, Off Hours Work ASK for QUOTE

Container Types: 1=Tube 2=VOA 3=Liter 4=Pint 5=Jar 6=Tedlar 7= Canister

Material: 1=Glass 2=Plastic 3=Metal

Preservatives: 1=HCl, 2=HNO_3 3=H_2SO_4 4=4°C 5=Zn(Ac)2 6=NaOH 7=$NA_2S_2O_4$

TAT 0	TAT 1	TAT 2	TAT 3	TAT 4	TAT 5	TAT 10
300% SURCHARGE SAME BUSINESS DAY IF RCV'D BY 9:00 AM	100% SURCHARGE NEXT BUSINESS DAY 5:30 PM	50% SURCHARGE 2ND BUSINESS DAY 5:30 PM	30% SURCHARGE 3RD BUSINESS DAY 5:30 PM	20% SURCHARGE 4TH BUSINESS DAY 5:30 PM	NO SURCHARGE 5 -7 BUSINESS DAYS 5:30 PM	10% DISCOUNT 10th BUSINESS DAY 5:30 PM

For RUSH TCLP/STLC, add 2 days to respective TAT.

Subcon. TAT is 10-15 business days, Dioxin and Furans 21 business days.

ASSOCIATED LABORATORIES
806 North Batavia ▪ Orange, CA 92868
Phone: (714) 771-6900 ▪ Fax: (714) 538-1209

Chain of Custody Record

Lab Job No. _____
Page 12 of 12

REQUIRED TURN AROUND TIME: Standard: X
72 Hours: _____ 48 Hours: _____ 24 Hours: _____

CUSTOMER INFORMATION	PROJECT INFORMATION
COMPANY: THE PLANNING CENTER|DC&E	PROJECT NAME: Proposed Middle School
SEND REPORT TO: DENISE CLENDENING	NUMBER: PVS-05.0
EMAIL: DCLENDENING@PLANNINGCENTER.COM	ADDRESS: Wilson/Patriot
ADDRESS: 2850 Inland Empire Bl, Ste B Ontario CA 91764	Perris, CA
PHONE: 909 989 4949	P.O. #:
	SAMPLED BY: Mike Watson

C = composite
X = discrete

	Sample ID	Date	Time	Matrix	Container Number/Size	Pres.	8081A OCPs	6010B Arsenic	TPH-D	Test Instructions & Comments
-AL	1 B-22@0.5'	2/12/13	1659	Soil	1 acetate sleeve	ice	C			see B-15@0.5'
-AM	2 B-22@3.0		1700						X	
-AN	3 B-21@0.5'		1713				C			see B-15@0.5'
-AO	4 B-21@3.0'		1714						X	
-AP	5 B-21 FILL		1728				C			see B-15 FILL
-AQ	6 B-20 FILL		1728				C			see B-13 FILL
-AR	7 B-20@0.5'		1729				C			see B-13@0.5'
-AS	8 B-20@3.0'		1730						X	
-AT	9 B-19 FILL		1738				C	X		see B-13 FILL
-AU	10 B-19@0.5'		1739				C	X		see B-13@0.5'
-AV	11 B-19@3.0'		1740						X	
-AW	12 EB021213		1745	water	3 amber 1 plastic	ice HNO3	X	X		
	13									
	14									
	15									

Total No. of Samples: Method of Shipment: Preservative: 1= Ice 2 =HCl 3 =HNO_3 4 =H_2SO_4 5 =NaOH 6 =Other

Relinquished by 1.	Received By: 1.	Relinquished by 2.	Received By: 2.	Relinquished by 3.	Received By: 3.
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: MIKE WATSON	Printed Name: Edward Rodriguez	Printed Name: Edward Rodriguez	Printed Name: C. Byrne	Printed Name:	Printed Name:
Date: 2/13/13 Time: 1100	Date: 2/13/13 Time: 11:00	Date: 2/13/13 Time: 12:38	Date: 2/13/13 Time: 1229	Date: Time:	Date: Time:

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

THE PLANNING CENTER DC&E

TEST BORING REPORT - Geoprobe

BORING NO. B-6

Page 1 of 1

PROJECT	Proposed Perris Middle School	**TPC FILE NO.**	PUS-05.0
LOCATION	Southeast corner of Wilson Avenue and Patriot Lane, Perris, CA		
CLIENT	Perris Union High School District	**FIELD REP.**	M. Watson
CONTRACTOR	InterPhase Environmental	**DATE STARTED**	2/12/2013
DRILLER	Gilbert Mendoza	**DATE FINISHED**	2/12/2013

Elevation ft. **Datum** **Boring Location**

Boring Equipment		Rig Make & Model		Backfill Material	Drilling Notes:
Type	Geoprobe	☑ Truck	☐ Tripod	Hydrated Bentonite Chips	
Ouside Dia. (in.)	2.25 (probe); 1.5 (sleeve)	☐ ATV	☑ Geoprobe		
Length Sleeve (in)	48	☐ Track	☐ Air Track		
Type Sleeve	Acetate	☐ Skid	☐ other		

Depth (ft.)	Sample Depth (ft.)	Sample No.	Recovery (in.)	PID Reading ppm	USCS Symbol	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)	Time
0					ML	**SILT** stiff brown (7.5YR 5/4) SILT with sand, low plasticity, no odor, no staining, low moisture, -artificial fill-	
			45				
		B-6 FILL					1056
					ML	**SILT** stiff pink (7.5YR 7.3) SILT with sand, low plasticity, no odor, no staining, low moisture, -artificial fill-	
					ML	**SILT** stiff dark gray (7.5YR 4/1) SILT with sand, low plasticity, no odor, no staining, moist, -alluvium-	
5		B-6@0.5'	42				1100
		B-6@3.0'					1101
						END OF BORING - Total depth was 8.0 feet below ground surface, no groundwater encountered	
10							

PROFESSIONAL GEOLOGIST
Michael James Watson
NO. 8177
exp. 6/30/13
STATE OF CALIFORNIA

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet: Bottom of Casing	Bottom of Hole	Water

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Well Diagram

- Riser Pipe
- Screen
- Filter Sand
- Cuttings
- Grout
- Concrete
- Bentonite Seal

Summary

Overburden (Linear ft.) _____
Rock Cored (Linear ft.) _____
Number of Samples _____

BORING NO. B-6

Field Tests

Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

BORING LOG AND SAMPLE REVIEW:
M. Watson, PG#8177

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by The Planning Center|DC&E.

THE PLANNING CENTER DC&E

TEST BORING REPORT - Geoprobe

BORING NO. B-13

Page 1 of 1

PROJECT	Proposed Perris Middle School	**TPC FILE NO.**	PUS-05.0
LOCATION	Southeast corner of Wilson Avenue and Patriot Lane, Perris, CA		
CLIENT	Perris Union High School District	**FIELD REP.**	M. Watson
CONTRACTOR	InterPhase Environmental	**DATE STARTED**	2/12/2013
DRILLER	Gilbert Mendoza	**DATE FINISHED**	2/12/2013

Elevation ft. **Datum** **Boring Location**

Boring Equipment		Rig Make & Model			Backfill Material	Drilling Notes:
Type	Geoprobe	☑ Truck	☐ Tripod		Hydrated Bentonite Chips	
Ouside Dia. (in.)	2.25 (probe); 1.5 (sleeve)	☐ ATV	☑ Geoprobe			
Length Sleeve (in)	48	☐ Track	☐ Air Track			
Type Sleeve	Acetate	☐ Skid	☐ other			

Depth (ft.)	Sample Depth (ft.)	Sample No.	Recovery (in.)	PID Reading ppm	USCS Symbol	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)	Time
0		B-13 FILL			ML	**SILT** stiff brown (7.5YR 5/4) SILT with sand, low plasticity, no odor, no staining, low moisture, -artificial fill-	731
		B-13@0.5'	43		SM	**SILTY SAND** dense strong brown (7.5YR 5/6) silty fine SAND, nonplastic, no odor, no staining, moist, -alluvium-	732
		B-13@3.0'			ML	**SILT** stiff brown (7.5YR 4/4) SILT with gravel, low plasticity, no odor, no staining, moist	733
						END OF BORING - Total depth was 4.0 feet below ground surface, no groundwater encountered	
5							

PROFESSIONAL GEOLOGIST
Michael James Watson
NO. 8177
Exp. 6/30/13
STATE OF CALIFORNIA

Water Level Data						Sample ID	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (Linear ft.) Rock Cored (Linear ft.) Number of Samples **BORING NO.** B-13

Field Tests Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

BORING LOG AND SAMPLE REVIEW: M. Watson, PG#8177

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by The Planning Center|DC&E.

Appendix F Quality Assurance Project Plan

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QUALITY ASSURANCE PROJECT PLAN FOR:

PROPOSED PERRIS MIDDLE SCHOOL

prepared for:

PERRIS UNION HIGH SCHOOL DISTRICT

Contact:
Hector Gonzalez,
Facilities Project Manager

prepared by:

THE PLANNING CENTER|DC&E

Contact:
Denise Clendening, Ph.D., Director of Site Assessment Services

FEBRUARY 2013

QUALITY ASSURANCE PROJECT PLAN FOR:

PROPOSED PERRIS MIDDLE SCHOOL



prepared for:

PERRIS UNION HIGH SCHOOL DISTRICT

155 East Fourth St
Perris, CA 92570
Phone: 951.943.6369

Contact:
Hector Gonzalez,
Facilities Project Manager

prepared by:

THE PLANNING CENTER|DC&E

2850 Inland Empire Boulevard, Suite B
Ontario, CA 91764
Phone: 909.989.4449
Fax: 909.989.4447

Contact:
Denise Clendening, Ph.D., Director Site Assessment Services

PUS-05.0
FEBRUARY 2013

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Introduction

This Quality Assurance Project Plan (QAPP) has been prepared by The Planning Center|DC&E on behalf of Perris Union High School District (District) to address quality assurance (QA) and quality control (QC) policies associated with the collection of environmental data at the Proposed Perris Middle School (site), in Perris, California. Together with the Workplan, this QAPP presents the plan for sampling and analysis as part of the investigation. U.S. Environmental Protection Agency (USEPA) policy requires a QAPP for all environmental data collection projects mandated or supported by the USEPA through regulations or other formalized means (USEPA 1998a). The purpose of this QAPP is to identify the methods to be employed to establish technical accuracy, precision, and validity of data that is generated at the site.

The sampling program is formally described in the Workplan. This QAPP contains general and specific details regarding field sampling, laboratory, and analytical procedures that apply to activities described in the Workplan. It provides field and laboratory personnel with instructions regarding activities to be performed before, during, and after field investigations. These instructions will insure data collected for use in project decisions will be of the type and quality required to meet the data quality objectives (DQOs) for the project.

Guidelines followed in the preparation of this QAPP are described in EPA Requirements for Quality Assurance Plans for Environmental Data Operations, External Review Draft Final, EPA QA/R-5 (USEPA 1998a) and EPA Guidance for Quality Assurance Project Plans, EPA QA/G-5 (USEPA 1998b). Other documents that have been referenced in this plan include, Guidance for the Data Quality Objectives Process, EPA QA/G-4 (USEPA 1994a) and Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (USEPA SW-846, Third Edition, 1996).

PROJECT HISTORY AND OBJECTIVES

The project site is located in the City of Perris, Riverside County, California. The site consists of vacant land at the southeast corner of Wilson Avenue and Patriot Lane. Figure 2 of the Workplan shows the existing site conditions.

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1. Project Description

This section presents information concerning the proposed sampling activities, selected analytical parameters, data quality objectives, and the resulting project decisions. A separate Workplan provides specifications for field activities.

1.1 ANALYTICAL SCOPE

The planned sampling effort includes the sampling and analysis of shallow soils for a list of potential hazardous substances. A detailed plan of this investigation is provided in the site-specific Workplan, and includes specified numbers and locations of samples to be collected. The Workplan also provides specific procedures for sample collection at designated locations. Samples will be collected in accordance with methods presented in the Workplan.

Soil samples will be collected on the project area in accordance with the protocols detailed in the DTSC's PEA Guidance Manual (DTSC 1999).

The appropriate analyses selected for this field program, and the rationale for selection of these parameters, are further provided in the Workplan. Advanced Technology Laboratories, Inc. (ATL), located in Signal Hill, California, will perform testing of soil samples.

1.2 DATA USE

Decisions to be made based upon the planned sampling and analysis effort will be determined by the data compiled from the sampling and analysis program. It is intended that data collected through implementation of this QAPP will satisfy federal, state, and local data quality requirements. These data may be used to characterize the nature and extent of contamination, support risk assessment, support the evaluation of corrective/remedial action, and/or assist in determination of additional actions.

The presence of environmental contaminants will be determined by the extent of valid detectable concentrations of the constituents discussed above. If the data associated with any detections of chemicals of potential concern (COPCs) are confirmed, the data will be used to assess risk using accepted methods for determining potential carcinogenic and non-carcinogenic exposures. If results from the risk screening evaluations indicate no risks of exposure with respect to the use of the property, then the District will use the data to support No Further Action consent from DTSC, and the proposed development may continue without modification. If the evaluation indicates unacceptable risks of exposure, then the data can be used by District for further consideration of action.

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SECTION 2. PROJECT ORGANIZATION

This section provides a description of the organizational structure and responsibilities of the individual positions for this project. This description defines the lines of communication and identifies key personnel assigned to various activities for the project.

2.1 PERRIS UNION HIGH SCHOOL DISTRICT

Mr. Hector Gonzalez is the designated contact person for the District. Mr. Gonzalez will be responsible for the directional decisions, as well as budget control, and for work conducted at the school site. Mr. Gonzalez, or designee, may perform document review of related work plans, reports, and drawings for activities associated with this project.

2.2 THE PLANNING CENTER|DC&E

The investigation contractor has responsibility for assigned phases of investigation and reporting. Together the management team (Project Manager and Field Manager) will be responsible for the technical planning and implementation of the work prescribed in the site-specific Workplan. The QA staff has responsibility for effective planning, verification and management of QA activities associated with the assigned project.

Dr. Denise Clendening is The Planning Center|DC&E Project Manager and will serve as the primary contact with the DTSC and the District. Her responsibilities include strategy development, budget control, document control, project management, risk assessment and document review.

Mr. Michael Watson of The Planning Center|DC&E is a Professional Geologist in the State of California. Mr. Watson's responsibilities include field activities and preparation of required reports and data validation including quality assurance/quality control.

2.3 LABORATORY

The primary offsite laboratory is anticipated to be ATL in Signal Hill, California. ATL will perform analytical testing for soil samples collected for this investigation. The laboratory's project manager will report to The Planning Center|DC&E Field Manager on all aspects of the sample analysis. In addition, The Planning Center|DC&E QA Manager will be advised of any matters related to data quality during the course of the investigation.

2. Project Organization

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SECTION 3. DATA QUALITY OBJECTIVES

DQOs have been specified for each data collection activity. The project work will be conducted and documented so that the data collected are of sufficient quality for their intended use (USEPA 1998). DQOs specify the data type, quality, quantity, and uses needed to make decisions, and are the basis for designing data collection activities. The DQOs have been used to design the data collection activities presented in the Workplan. The DQOs for the project are discussed in the following sections.

3.1 DATA QUALITY OBJECTIVES

The project DQOs developed specifically for the planned sampling and analysis program have been determined based on USEPA's seven-step DQO process (USEPA 1994a). The Project Manager will evaluate the DQOs to determine if the quantitative and qualitative needs of the sampling and analysis program have been met. The project definition associated with each step of the DQO process can be summarized as follows:

State the problem: The purpose of the sampling program is to determine if the proposed site is acceptable for the development of a new educational facility. Although the proposed development of the site will result in asphalt or concrete surfacing over the majority of the site, exposed soils will exist in landscaped areas where students could come into contact. Previous investigations have not performed a complete evaluation of potential contamination based on historical use of the property.

Identify the Decision: The data obtained from the sampling and testing activities will be used to evaluate if releases of hazardous substances from historical uses have occurred at the site. The investigative results will be further evaluated to determine to what extent any contamination identified will result in risk of exposure. The results will be compiled and used to assess the relative threat associated with any contamination identified, through a baseline risk assessment. Based on the calculation of human health and ecological risks for the site, the suitability of the property for its intended development will be determined.

Identify Inputs to the Decision: Inputs to the decision will include results of analytical testing of soil gas samples, and shallow soils from selected locations on the site. Each of these matrices will be tested for the specified analytes discussed in Section II.

Define the Study Boundaries: The boundaries of the field sampling and analysis program will be the perimeter of the site as discussed above and detailed in the Workplan.

Develop a Decision Rule: Decisions will be based upon laboratory results for the target constituents presented in Tables 1 through 3 for each respective matrix tested. If no valid detectable concentrations of target compounds are reported for the given samples, then a decision will be made that the site is fully characterized with respect to the compounds tested and no further sampling will be required as part of this investigation. If target constituents are detected in the samples tested, then the data will be compiled for use in calculating the human health and ecological risk of exposure. The results of the risk evaluation will be used by the District to support a No Further Action consent from DTSC, if the data indicate risk is acceptable.

Specify Limits on Decision Error: The results of all analytical testing will be subjected to data validation specified in Section 7.3. Data are determined to be valid if the specified DQOs for precision, accuracy, representativeness, comparability and completeness are achieved. The results of any detected target constituents will be considered in evaluating the need for additional sampling of soil gas and/or site soil, and assessing the necessity for reducing any risks posed by the potential contamination.

Optimize the Design: The field sampling program has been designed to provide the type and quantity of data needed to satisfy each of the aforementioned objectives. A separate Workplan provides the specifications for the data collection activities, including the numbers of samples, respective locations, and sampling techniques. The quality of the data will be assessed through the procedures further described in this QAPP.

3.2 PRECISION, ACCURACY, REPRESENTATIVENESS, COMPARABILITY AND COMPLETENESS

The basis for assessing the elements of data quality is discussed in the following subsections. In the absence of laboratory specific precision and accuracy limits, the QC limits listed in this section must be met.

3.2.1 Precision

Precision measures the reproducibility of repetitive measurements. It is strictly defined as the degree of mutual agreement among independent measurements as the result of repeated application of the sample process under similar conditions.

Analytical precision is a measurement of the variability associated with duplicate or replicate analyses of the same sample in the laboratory. Precision is assessed by analysis of the results between laboratory quality control sample pairs. These include laboratory control sample (LCS) and LCS duplicates, matrix spike (MS) and MS duplicates (MSD), or sample duplicates. If the recoveries of analytes in the specified control samples pairs are comparable within established control limits, then precision criteria are satisfied.

Total precision is a measurement of the variability associated with the entire sampling and analytical process. It is determined by analysis of duplicate (two) or replicate (more than two) field samples, and measures variability introduced by both the laboratory and field operations. Field duplicate samples are analyzed to assess combined field and analytical precision.

Duplicate results are assessed using the relative percent difference (RPD) between duplicate measurements. If the RPD for laboratory quality control samples exceeds 30 percent, data will be qualified as described in the applicable validation procedure. If the RPD between primary and duplicate field samples exceeds 100 percent for soil or soil gas, data will be qualified as described in the applicable validation procedure.

The RPD is calculated as the difference between the two sample results (absolute value) divided by the average of the two sample results. The equation can be expressed as follows:

$$\%RPD = 200 \times ((x2-x1) / (x2+x1))$$

3.2.2 Accuracy

Accuracy is a statistical measurement of correctness of a measured value, and includes components of random error (variability due to imprecision) and systematic error. It reflects the total error associated with a measurement. A measurement is accurate when the value reported does not differ from the true value of a known concentration, spike, or standard.

Accuracy of laboratory analyses will be assessed by LCS recoveries, surrogate standard recoveries, MS spike recoveries, and initial and continuing calibrations of instruments. Laboratory accuracy is expressed as the percent recovery (%R). Accuracy limits are statistically

generated by the laboratory or required by specified USEPA methods. If the percent recovery is determined to be outside of acceptance criteria, data will be qualified as described in the applicable validation procedure. The calculation of percent recovery is provided below:

$$\% R = 100 \times (Xs-X)/T$$

where Xs is the measured value of the spiked sample, X is the measured value of the unspiked sample, and T is the true value of the spike solution added.

Accuracy is also assessed by the analysis of laboratory and field blanks. Assessment of blank results provides information regarding potential bias imparted to analytical results from measurement systems and/or field conditions. Field accuracy will be assessed through the analysis of field equipment blanks. Analysis of field blanks documents bias associated with the sampling process, field contamination, sample preservation, and sample handling. The DQO for field equipment and trip blanks is that all values are less than the reporting limit for each target constituent. If contamination is reported in the field equipment or trip blanks, data will be qualified as described in the applicable validation procedure.

3.2.3 Representativeness

Representativeness is the degree to which data accurately and precisely represent selected characteristics of the media sampled. Representativeness of data collection is addressed by careful preparation of sampling and analysis programs. This QAPP, together with the Workplan, address representativeness by specifying sufficient and proper numbers and locations of samples; incorporating appropriate sampling methodologies; specifying proper sample collection techniques and decontamination procedures; selecting appropriate laboratory methods to prepare and analyze soil and soil gas; and establishing proper field and laboratory QA/QC procedures.

3.2.4 Completeness

Completeness is the measure of valid data obtained compared to the amount that was expected under ideal conditions. The number of valid results divided by the number of possible results, expressed as a percentage, determines the completeness of the data set. The objective for completeness is to obtain at least 90 percent of the planned data to support evaluation and assessment efforts. Specifically, for background samples, a completeness requirement of 100 percent is mandated. The formula for calculation of completeness is presented, as follows:

$$\% \text{ Completeness} = 100 \times \frac{\text{number of valid results}}{\text{number of expected results}}$$

3.2.5 Comparability

Comparability is an expression of confidence with which one data set can be compared to another. The objective of comparability is to ensure that data developed during the investigation are comparable with data previously collected (i.e., methods of analysis are comparable), and that the methods used adequately address applicable criteria or standards established by the USEPA and California Department of Health Services (CADHS). This QAPP addresses comparability by specifying laboratory methods that are consistent with the current standards of practice as approved by the USEPA and CADHS. Field methods are discussed in the Workplan.

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SECTION 4. QUALTIY CONTROL ELEMENTS

This section presents QC requirements relevant to analysis of environmental samples that will be followed during all project analytical activities. The purpose of the QC program is to produce data of known quality that satisfy the project objectives and that meet or exceed the requirements of the standard methods of analysis. This program provides a mechanism for ongoing control and evaluation of data quality measurements through the use of QC materials.

4.1 QUALITY CONTROL ELEMENTS

The chemical data to be collected for this effort will be used to determine that the extent of contamination is properly evaluated. As such, it is critical that the chemical data is documented to be of the highest confidence and quality. Consequently, strict QA/QC procedures will be adhered to. These procedures include:

Adherence to protocols for field sampling and decontamination procedures;

Collection and laboratory analysis of appropriate field and equipment blanks to monitor for contamination of samples in the field or the laboratory;

Collection and laboratory analysis of site specific matrix spike, matrix spike duplicate, and blind duplicate samples to evaluate precision and accuracy; and

Attainment of completeness goals.

4.1.1 Equipment Decontamination

Non-dedicated equipment will be decontaminated before and after each sample is collected. The equipment will be washed in a non-phosphate detergent and potable water, rinsed in potable water, and then double rinsed in distilled water. A description of the specific methodologies to be followed to maximize proper decontamination of non-dedicated sampling equipment is provided in the Workplan.

4.1.2 Standards

Standards used for calibration or to prepare samples will be certified by National Institute of Standards and Technology (NIST), USEPA, or other equivalent source. The standards will be current. The expiration date will be established by the manufacturer, or based on chemical stability, the possibility of contamination, and environmental and storage conditions. Standards will be labeled with expiration dates, and will reference primary standard sources if applicable. Expired standards will be discarded.

4.1.3 Supplies

All supplies will be inspected prior to their use in the field or laboratory. The descriptions for sample collection and analysis contained in the methods will be used as a guideline for establishing the acceptance criteria for supplies. A current inventory and appropriate storage system for these materials will assure their integrity prior to use.

4.1.4 Holding Time Compliance

Sample preparation and analysis will be completed within the required method holding times (Table 1). Holding time begins at the time of sample collection. If holding times are exceeded, and the analyses are performed, the associated results will be qualified as described in the applicable validation procedure. The following definitions of extraction and analysis compliance are used to assess holding times:

Preparation or extraction completion - completion of the sample preparation process as described in the applicable method, prior to any necessary extract cleanup.

Analysis completion - completion of all analytical runs, including dilutions, second-column confirmations, and any required re-analyses.

4.1.5 Preventative Maintenance

The Field Manager for The Planning Center|DC&E is responsible for documenting the maintenance of all field equipment prescribed in the manufacturer's specifications. Scheduled maintenance will be performed by trained personnel. Procedures specific to the calibration, use and maintenance of field equipment are presented in the Workplan. The analytical laboratory is responsible for all analytical equipment calibration and maintenance as described in their laboratory QA Plan. Subcontractors are responsible for maintenance of all equipment needed to carry out subcontracted duties.

4.2 QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC) SAMPLES

The purpose of this QA/QC program is to produce data of known quality that satisfy the project objectives and that meet or exceed the requirements of the standard methods of analysis. This program provides a mechanism for ongoing control and evaluation of data quality measurements through the use of QC materials. Quality assurance and quality control samples will be collected as part of the overall QA/QC program.

4.2.1 Laboratory Reagent Blanks

A laboratory reagent blank is de-ionized, distilled water that is extracted by the laboratory and analyzed as a sample. Analysis of the reagent blank indicates potential sources of contamination from laboratory procedures (e.g., contaminated reagents, improperly cleaned laboratory equipment, or persistent contamination due to presence of certain compounds in the ambient laboratory air). A reagent blank will be analyzed at least once each day for each method utilized by the laboratory for that day.

4.2.2 Field Equipment Blanks

A field equipment blank is a sample that is prepared in the field by pouring de-ionized, distilled water into cleaned sampling equipment. The water is then collected and analyzed as a sample. Field equipment blanks are typically blind (given a fictitious name so that the laboratory will not recognize it as a blank). The field equipment blank gives an indication of contamination from field procedures (e.g., improperly cleaned sampling equipment, cross-contamination). Field equipment blanks will be collected at a minimum frequency of at least one per ten, or 10 percent of primary field samples when non-dedicated equipment is utilized. The field equipment blanks should be analyzed using the same analyses requested for the associated primary samples collected.

4.2.3 Trip Blanks

The primary purpose of trip blanks is to detect potential additional sources of contamination that could potentially influence contaminant values reported in field samples, both quantitatively and qualitatively. Trip blanks serve as a mechanism of control for sample bottle preparation, blank water quality and sample handling. They are generally submitted to the laboratory for analysis of VOCs. Since no VOCs are anticipated to be detected at this site, no trip blanks were included as part of the sampling program.

4.2.4 Matrix Spike Samples

Matrix spikes are performed by the analytical laboratory to evaluate the efficiency of the sample extraction and analysis procedures, and are necessary because matrix interference (interferences from non-target compound in the sample matrix, water or soil) may have a widely varying impact on the accuracy and precision of the extraction analysis. The matrix spike is prepared by the addition of known quantities of target compounds to a sample. The sample is extracted and analyzed. The results of the analysis are compared with the known additions and a matrix spike recovery is calculated giving an evaluation of the accuracy of the extraction and analysis procedures. Matrix spike recoveries are reviewed to check that they are within acceptable range. However, the acceptable ranges vary widely with both sample matrix and analytical method. Matrix spikes and matrix spike duplicates will be analyzed by the laboratory at a frequency of at least one per twenty, or 5 percent of the primary field samples. Typically, matrix spikes are performed in duplicate in order to evaluate the precision of the procedures as well as the accuracy. Precision objectives (represented by agreement between matrix spike and matrix spike duplicate recoveries) and accuracy objectives (represented by matrix spike recovery results) are based on statistically generated limits established annually by the analytical laboratory. It is important to note that these objectives are to be viewed as goals, not as criteria. If matrix bias is suspected, the associated data will be qualified and the direction of the bias indicated in the data validation report.



4.2.5 Field Duplicate Samples

Field duplicate samples will be collected and analyzed to evaluate sampling and analytical precision. Field duplicates are collected and analyzed in the same manner as the primary samples. Agreement between duplicate sample results will indicate good sampling and analytical precision. Specific locations will be designated for collection of field duplicates prior to the start of field activities. Field duplicates will be collected at a frequency of 10 percent of the primary samples collected. The duplicate sample will be analyzed for all laboratory analyses requested for the primary sample collected. The precision goal for field duplicates analyses will be plus or minus 50 percent relative percent difference for aqueous samples and plus or minus 100 percent relative percent difference for soil, or air samples. Results for samples exceeding these goals will be qualified as estimated. Professional judgement will be used to determine if all samples in the associated batch will be qualified as well.

4.2.6 Performance Evaluation Samples

Double blind performance evaluation (PE) samples may be submitted to the analytical laboratory during any site investigation. These samples may be of water or soil matrix, and are used to assess the accuracy of analytical procedures employed for a given sample set. PE samples will be used if questionable data quality is suspected as determined during laboratory audits or data validation.

If used, double blind PE samples will be prepared by Environmental Resources Standards, or similar supplier, in similar sample containers as the project field samples and shipped from the field to the laboratory for analysis.

Double blind PE samples will be prepared using NIST and/or A2LA certified standards. The project-specific PE samples will contain known concentrations of the analytes of interest. Laboratory results will be evaluated against the original Certificates of Analyses for precision and accuracy. PE samples may be submitted for analysis as part of the laboratory pre-qualification process, or as part of a given sampling event. Results will be reported to the laboratory and presented with associated field sample results.

SECTION 5. SAMPLING PROCEDURES

The defensibility of data is dependent on the use of well defined, accepted sampling procedures. This section describes the sampling and handling procedures that will be followed for each sampling event.

5.1 SAMPLING PROCEDURES

Collection of high integrity environmental samples is important to the quality of chemical data to be generated. To this end, detailed field procedures have been developed to guide sample collections during each phase of the field investigation. These procedures are contained in the Workplan.

5.1.1 Sample Containers, Preservation and Holding Times

Table 1 lists the required sample containers, preservatives, and recommended maximum holding times for samples. Sample containers provided by the laboratory will be new, and purchased commercially from I-Chem, Eagle Pitcher, or other equivalent validated sources.

5.1.2 Sample Handling and Storage

In the field, each sample container will be marked with the sampling location number, and date and time of sample collection. All sample containers will be wiped with paper towels and securely packed, in a cooler on ice, in preparation for delivery to the laboratory.

Upon receipt of the samples, the laboratory will immediately notify the Field Manager if conditions or problems are identified which require immediate resolution. Such conditions include container breakage, missing or improper chain-of-custody, exceeded holding times, improper preservation, missing or illegible sample labeling, or temperature excursions.



5.1.3 Sample Custody

For each sample that is submitted to the laboratory for analysis, an entry will be made on a chain-of-custody form supplied by the laboratory. The information to be recorded includes the sampling date and time, sample identification number, matrix type, requested analyses and methods, preservatives, and the sampler's name. Sampling team members will maintain custody of the samples until they are relinquished to laboratory personnel or a professional courier service. The chain-of-custody form will accompany the samples from the time of collection until received by the laboratory. Each party in possession of the samples (except the professional courier service) will sign the chain-of-custody form signifying receipt.

The chain-of-custody form will be placed in a plastic bag and shipped with samples inside the cooler. After the samples, ice, and chain-of-custody forms are packed in the coolers, the cooler will be appropriately sealed before it is relinquished to the courier. A copy of the original completed form will be provided by the laboratory along with the report of results. Upon receipt, the laboratory will inspect the condition of the sample containers and report the information on chain-of-custody or similar form.

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SECTION 6. ANALYTICAL PROCEDURES

The analytical methods used for this project are primarily USEPA approved methods and are listed in Tables 1 through 3. Specific analytical method procedures are detailed in the laboratory QA Plan and standard operating procedures (SOPs) of the selected laboratory. These documents may be reviewed by The Planning Center|DC&E quality assurance staff during laboratory audits to ensure that project specifications are met. Laboratory audits are discussed in Section 8.2.

6.1 INTERNAL STANDARDS

Internal standards are measured amounts of method-specified compounds added after preparation, or extraction, of a sample. Internal standards are added to samples, controls, and blanks in accordance with method requirements to identify column injection losses, purging losses, or viscosity effects.

Acceptance limits for internal standard recoveries are set forth in the applicable method. If the internal standard recovery falls outside of acceptance criteria, the instrument will be checked for malfunction and reanalysis of the sample will be performed after any problems are resolved.

6.2 RETENTION TIME WINDOWS

Retention time windows will be established as described in SW-846 Method 8000A for applicable analyses of organic compounds. Retention time windows are used for qualitative identification of analytes and are calculated based on multiple, replicated analyses of a respective standard.

Retention times will be checked on a daily basis. Acceptance criteria for retention time windows are established in the referenced method. If the retention time falls outside the respective window, actions will be taken to correct the problem. The instrument must be re-calibrated after any retention time window failure and the affected samples must be reanalyzed.

6.3 METHOD DETECTION LIMITS

The method detection limit (MDL) is the minimum concentration of an analyte, or compound, that can be measured and reported with 99 percent confidence that the concentration is greater than zero. MDLs are established for each method, matrix and analyte, and for each instrument used to analyze project samples. MDLs are derived using the procedures described in 40CFR 136 Appendix B (USEPA 1990a). USEPA requires that MDLs be established on an annual basis. MDLs must be less than applicable reporting limits for each target analyte presented in Tables 2 and 3.

6.4 INSTRMENT CALIBRATION

Analytical instruments will be calibrated in accordance with the procedures specified in the applicable method. All analytes that are reported shall be present in the initial and continuing calibrations, and these calibrations must meet the acceptance criteria specified in the reference method. Records of standard preparation and instrument calibration will be maintained. Records shall unambiguously trace the preparation of standards and their use in calibration and quantitation of sample results. Calibration records will be traceable to standard materials as described in Section 4.2.

At the onset of analysis, instrument calibrations will be checked using all of the analytes of interest. This applies equally to multi-response analytes. At a minimum, calibration criteria will satisfy method requirements. Analyte concentrations can be determined with either calibration curves or response

factors, as defined in the method. Guidance provided in SW-846 should be considered to determine appropriate evaluation procedures.

SECTION 7. DATA REPORTING

This section presents reporting requirements relevant to the data produced during all project analytical activities.

7.1 FIELD DATA

Data measured by field instruments will be recorded in field notebooks, laptops, and/or on required field forms. Units of measure for field analyses are identified on the field forms. The field data will be reviewed by the Project or Field Manager to evaluate completeness of the field records and appropriateness of the field methods employed. All field records will be retained in the project files.

7.2 LABORATORY DATA

Analytical data will contain the necessary sample results and quality control data to evaluate the data quality objectives defined for the project. Documentation requirements for laboratory data are defined in USEPA Region IX Laboratory Documentation Requirements for Data Validation (USEPA 1990b). The laboratory reports will be consistent with USEPA Level III documentation and include the following data and summary forms:

Narrative, cross-reference, chain-of-custody, and method references;

Analytical results;

Surrogate recoveries (as applicable);

Calibration summary;

Blank results;

Laboratory control sample recoveries;

Duplicate sample results or duplicate spike recoveries;

Sample spike recoveries;

Instrument tuning summary;

Associated raw data; and

Magnetic tape or equivalent upon request.

Data validation criteria are derived from the USEPA Contract Laboratory Program National Functional Guidelines for Organic and Inorganic Data Review (USEPA 1994b and 1994c). The Functional Guidelines provide specific data validation criteria that can be applied to data generated for this investigation.

The laboratory data will be reviewed for compliance with the applicable method and the quality of the data reported. The following summarizes the areas of data validation.

Holding Times;

Calibrations;

Blanks;

Laboratory Control Samples;

Matrix Spike/Matrix Spike Duplicates;

Surrogates/Internal Standards (as applicable);

Field Quality Control Samples; and

Compound Identification and Quantification.

The application of data validation criteria is a function of project-specific DQOs. The QA/QC Manager will determine if the data quality objectives for the analytical data have been met. Results of the data validation review will be documented and summarized in the investigation.

7.3 PROCEDURES FOR DATA VALIDATION

Procedures for performing data validation for the types of analyses to be performed for this investigation are documented in the National Functional Guidelines. Data validation will be documented in a manner consistent with the functional guidelines. The results of the data validation will be included in a Data Validation Memorandum. This documentation will be maintained by The Planning Center|DC&E in the project files.

7.3.1 Data Qualifiers

The data validation procedures were designed to review each data set and identify biases inherent to the data and determine its usefulness. Data validation flags are applied to those sample results that fall outside of specified tolerance limits, and, therefore, did not meet the program's quality assurance objectives described in Section 3.2. Data validation flags to be used for this project are defined in the National Functional Guidelines. Data validation flags will indicate if results are considered quantitative, estimated, or rejected. Only rejected data are considered unusable for decision-making purposes; however, other qualified data may require further verification.

7.3.2 Project Data Management

Data management is the process of organizing, maintaining, and applying a variety of data to provide a useful and coherent view of the site conditions. Data collected for this investigation include sample collection data, field measurement data, onsite laboratory analytical data, and offsite laboratory analytical data. The data management resources include staff to review and maintain project data, a computerized data management system, and a documentation filing system. The project database management system has the capability to maintain the relationship between sampling locations, samples collected, and filed and laboratory analytical results.

SECTION 8. PERFORMANCE AND SYSTEM AUDITS

Audit programs are established and directed by The Planning Center|DC&E quality assurance staff to ensure that field and laboratory activities are performed in compliance with project controlling documents. This section describes responsibilities, requirements and methods for scheduling, conducting and documenting audits of field and laboratory activities.

8.1 FIELD AUDITS

Field audits focus on appropriateness of personnel assignments and expertise, availability of field equipment, adherence to project controlling documents for sample collection and identification, sample handling and transport, use of QA samples, chain of custody procedures, equipment decontamination and documentation. Field audits are not required, but may be performed in the event significant discrepancies are identified that warrant evaluation of field practices.

8.2 LABORATORY AUDITS

Laboratory audits include reviews of sample handling procedures, internal sample tracking, SOPs, analytical data documentation, QA/QC protocols, and data reporting. Any selected mobile or offsite laboratory will be licensed by the State of California as a certified testing laboratory. If no previous audit has been conducted by The Planning Center|DC&E, a scheduled audit will be conducted by the quality assurance staff during the course of this project to ensure the integrity of sample handling and processing by the laboratory.

8.3 DATA AUDITS

Data audits will be performed on analytical results received from the laboratories. These audits will be accomplished through the process of data validation as described in Section 7.3, or may involve a more detailed review of laboratory analytical results. Data audits require the laboratory to submit complete raw data files to The Planning Center|DC&E for validation. The Planning Center|DC&E chemists will perform a review of the data consistent with the level of effort described in the National Functional Guidelines (USEPA 1994 b and c). This level of validation consists of a detailed review of sample data, including verification of data calculations for calibration and quality control samples to assess if these data are consistent with method requirements. Upon request, the laboratory will make available all supporting documentation in a timely fashion.

8.4 REPORTS TO MANAGEMENT AND RESPONSIBILITIES

Upon completion of any audit, the auditor will submit to the Project Manager and Field Manager a report or memorandum describing any problems or deficiencies identified during the audit. It is the responsibility of the Project Manager to determine if the deviations will result in any adverse effect on the project conclusions. If it is determined that corrective action is necessary, procedures outlined in Section 8.5 will be followed.

8.5 CORRECTIVE ACTION

Corrective actions will be initiated whenever data quality indicators suggest that DQOs have not been met. Corrective actions will begin with identifying the source of the problem. Potential problem sources include failure to adhere to method procedures, improper data reduction, equipment malfunctions, or systemic contamination. The first level of responsibility for identifying the problems and initiating corrective action lies with the analyst/field personnel. The second level of responsibility lies with any

person reviewing the data. Corrective actions may include more intensive staff training, equipment repair followed by a more intensive preventive maintenance program, or removal of the source of systemic contamination. Once resolved, the corrective action procedure will be fully documented, and if DQOs were not met, the samples in question must be recollected and/or reanalyzed utilizing a properly functioning system (USEPA 1998).

REFERENCES

1. USEPA, 1990a. Code of Federal Regulations, Title 40 – Protection of Environment. Office of the Federal Register. U.S. National Archives and Records Administration, Washington, D.C.
2. USEPA, 1990b. Region 9 Laboratory Documentation Requirements for Data Validation. Document Control No. 9QA-07-90. U.S. Environmental Protection Agency, Region 9. San Francisco, California.
3. USEPA, 1994a. Guidance for the Data Quality Objectives Process. EPA QA/G-4. Office of Research and Development U.S. Environmental Protection Agency. Washington, D.C.
4. USEPA, 1994b. Contract Laboratory Program National Functional Guidelines for Inorganic Data Review. EPA540/R-94/013. Office of Emergency and Remedial Response. Washington, D.C.
5. USEPA, 1994c. Contract Laboratory Program National Functional Guidelines for Organic Data Review. EPA540/R-94/012. Office of Emergency and Remedial Response. Washington, D.C.
6. USEPA, 1996. Test Methods for Evaluating Solid Waste, Physical/Chemical Methods. SW-846, Third Edition, Office of Solid Waste and Emergency Response U.S. Environmental Protection Agency. Washington, D.C.
7. USEPA, 1998a. EPA Guidance for Quality Assurance Project Plans. EPA QA/G-5. Office of Research and Development U.S. Environmental Protection Agency. Washington, D.C.
8. USEPA, 1998b. EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations, External Review Draft Final. EPA QA/R-5. Washington, D.C



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Table 1
Sample Containers, Preservatives, and Holding Times
Proposed Perris Middle School
Southeast Corner of Wilson Ave and Patriot Lane
Perris Union High School District
Perris, California

Analyte	Method	Container	Preservative	Holding Time
SOIL ANALYSES				
Organochlorine Pesticides	EPA 8081A	4 oz glass or sleeve	4oC	14 days to extraction, 40 days to analysis
Arsenic	EPA 6010B	4 oz glass or sleeve	4oC	180 days

Notes:
The laboratory will freeze all samples after extraction and all archived samples immediately.
No deterioration of frozen samples is expected during the time period required to complete the investigation.

Table 2
List of Method Compounds and Reporting Limits
Soil and Blank Sample Analysis
Proposed Perris Middle School
Southeast Corner of Wilson Ave and Patriot Lane
Perris Union High School District
Perris, California

Title 22 Metals			
Method	Compound	Soil Reporting Limit mg/kg	Water Reporting Limit mg/l
EPA 7471A	Mercury3	0.10	0.00020
EPA 6010B	Antimony3	1.0	0.0050
	Arsenic	1.0	0.010
	Barium3	1.0	0.0030
	Beryllium3	1.0	0.0030
	Cadmium3	1.0	0.0030
	Chromium	1.0	0.0030
	Cobalt	1.0	0.0030
	Copper3	1.0	0.0050
	Lead3	1.0	0.0050
	Nickel4	1.0	0.0050
	Molybdenum	1.0	0.0050
	Selenium	1.0	0.010
	Silver[3]	1.0	0.0030
	Thallium[4]	1.0	0.015
	Vanadium	1.0	0.0030
	Zinc	1.0	0.010
Organochlorine Pesticides			
Method	Compound	Soil Reporting Limit ug/kg	Water Reporting Limit ug/l
EPA 8081A	4,4'-DDD	2.0	0.050
	4,4'-DDE	2.0	0.050
	4,4'-DDT	2.0	0.050
	Aldrin	1.0	0.025
	alpha-BHC	1.0	0.025
	alpha-Chlordane	1.0	0.025
	beta-BHC	1.0	0.025
	Chlordane	8.5	0.25
	delta-BHC	1.0	0.025
	Dieldrin	2.0	0.050
	Endosulfan I	1.0	0.025
	Endosulfan II	2.0	0.050
	Endosulfan sulfate	2.0	0.050
	Endrin	2.0	0.050
	Endrin aldehyde	2.0	0.050
	Endrin ketone	2.0	0.050
	gamma-BHC	1.0	0.025
	gamma-Chlordane	1.0	0.025
	Heptachlor	1.0	0.025
	Heptachlor epoxide	1.0	0.025
	Methoxychlor	8.5	0.25
	Toxaphene	85	2.5

Table 3
Laboratory Quality Control Limits
Proposed Perris Middle School
Southeast Corner of Wilson Ave and Patriot Lane
Perris Union High School District
Perris, California

Organochlorine Pesticides						
Method	**Compound**	**RL** ug/kg	**MDL** ug/kg	**LCS % Rec.**	**MS/MSD % Rec.**	**MS/MSD RPD**
EPA 8081A	4,4'-DDD	2.0	0.5			
	4,4'-DDE	2.0	0.5			
	4,4'-DDT	2.0	0.5	58-134	23-162	0-30
	Aldrin	1.0	0.5	75-129	68-127	0-30
	alpha-BHC	1.0	0.5			
	alpha-Chlordane	1.0	0.5			
	beta-BHC	1.0	0.5			
	Chlordane	8.5	5			
	delta-BHC	1.0	0.5			
	Dieldrin	2.0	0.5	75-124	66-129	0-30
	Endosulfan I	1.0	0.5			
	Endosulfan II	2.0	0.5			
	Endosulfan sulfate	2.0	0.5			
	Endrin	2.0	0.5	72-141	72-137	0-30
	Endrin aldehyde	2.0	0.5			
	Endrin ketone	2.0	0.5			
	gamma-BHC	1.0	0.5	78-130	67-130	0-30
	gamma-Chlordane	1.0	0.5			
	Heptachlor	1.0	0.5	65-139	61-134	0-30
	Heptachlor epoxide	1.0	0.5			
	Methoxychlor	8.5	0.5			
	Toxaphene	85	50			
Title 22 Metals						
Method	**Compound**	**RL mg/kg**	**MDL mg/kg**	**LCS % Rec.**	**MS/MSD % Rec.**	**MS/MSD RPD**
EPA 7471A	Mercury	0.10	0.0318	80-120	62-146	0-30
EPA 6010B	Antimony	1.0	1.23	80-120	23-118	0-20
	Arsenic	1.0	0.479	80-120	64-111	0-20
	Barium	1.0	0.775	80-120	36-146	0-20
	Beryllium	1.0	0.449	80-120	50-120	0-20
	Cadmium	1.0	0.525	80-120	62-107	0-20
	Chromium	1.0	0.487	80-120	63-119	0-20
	Cobalt	1.0	0.495	80-120	63-111	0-20
	Copper	1.0	1.54	80-120	58-136	0-20
	Lead	1.0	0.613	80-120	47-125	0-20
	Molybdenum	1.0	0.459	80-120	63-116	0-20
	Nickel	1.0	0.531	80-120	57-116	0-20
	Selenium	1.0	0.821	80-120	47-118	0-20
	Silver	1.0	0.452	80-120	48-125	0-20
	Thallium	1.0	0.921	80-120	49-116	0-20
	Vanadium	1.0	0.589	80-120	65-122	0-20
	Zinc	1.0	0.667	80-120	36-140	0-20

Notes:
Blank cells denote analytes which are not part of the normally spiked compounds.

RL	Reporting Limit
MDL	Method Detection Limit
LCS	Laboratory Control Sample
MS/MSD	Matrix Spikes/Matrix Spike Duplicates
RPD	Relative Percent Difference