# R M Environmental

*Geology - Environmental - Geotechnical Engineering*


November 25, 2003
Project No. 03-412

Mr. Jeff Palmer
5511 Calumet Ave.
La Jolla, CA., 92037

**SUBJECT:** **REPORT OF FINDINGS**
Phase I Preliminary Environmental Site Assessment
37± Acres, Assessor Parcel Numbers (APNs) 477-120-(007, 008, 014, 015)
Near the Intersection of Pittit Street and Highway 60
Moreno Valley, California

Dear Mr. Palmer:

This report presents the findings of our Phase I Preliminary Site Assessment of the site conducted in accordance with our Proposal No. 03-049, dated October 27, 2003.

The purpose of this investigation was to assess the potential for the presence or likely presence of hazardous substances or petroleum products on the property under conditions which 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.

The scope of work completed for this investigation included a field reconnaissance of the site and surrounding areas, personal interviews, record and document review, historic map and aerial photo review, selected soil sampling and analysis for residual pesticides, and submittal of this report.

Based on the findings of this investigation, the likelihood of significant hazardous materials or petroleum contamination existing on or migrating into the site from off-site resources is low.

**ACCOMPANYING MAPS AND APPENDICES**
Figure 1 - Site Location Map
Figure 2 - Site Map

Appendix A - References
Appendix B - Selected Site Photographs
Appendix C - Transaction Screen Questionnaire
Appendix D - Site Assessment Data Report (EDR, dated September 4, 2003)
Appendix E - Chain of Custody Documentation and Laboratory Report

## 2.0 FIELD RECONNAISSANCE/ SITE DESCRIPTION

The site consists of approximately 37 acres of land located southeast of the intersection of Pettit Street and Fir Avenue, City of Moreno Valley, California. The Assessor Parcel Numbers (APNs) for the site are 477-120-007, 477-120-008, 477-120-014, and 477-120-015. The geographical relationships of the site are shown on **Figure 1**.

Our field reconnaissance of the site was performed between November 7 and November 14, 2003. The field reconnaissance included traversing the property in order to observe surficial soil conditions, structures, possible generators or storage of hazardous materials/petroleum products, drainage, land use, vegetation, and any notable surface conditions which would indicate the presence of hazardous waste or petroleum contamination on or near the site.

### 2.1 General Site Description

The site is an irregular shaped, 37± acre parcel of land located southeast of the intersection of Pettit Street and Fir Avenue, City of Moreno Valley, California. The site is currently utilized as open alfalfa/hay fields with dirt access roads and subsurface irrigation lines.

Topographically, the site consists of a relatively flat parcel of land which slopes at 1 to 2 percent to the south. Drainage of the site is generally accomplished by sheetflow in a south direction.

The surrounding properties of the site include citrus groves and open fallow land to the north, alfalfa/hay fields to the west, a drainage area and alfalfa/hay fields to the south, and a drainage area and citrus groves to the east.

The observed man-made developments on the site included the following:

- The site was observed to consists of alfalfa/hay fields with associated dirt access road and irrigation systems.
- A mobile apparent office/residential trailer was observed to be situated in the central portion of APN 477-120-015.
- Miscellaneous non-hazardous debris (tires, appliances, garbage) were observed to be located in the drainage area bordering the site to the east.

No other significant site developments were noted on the site. The approximate locations of the above observed man-made developments are presented in Figure 2 - Site Plan. Selected site photographs are presented in Appendix B.

## 2.2 Transaction Screen Questionnaire

In accordance with ASTM E 1528, a Transaction Screen Questionnaire was completed by our environmental assessor performing this investigation. The completed questionnaire is included in Appendix C of this report.

## 2.3 Interviews

On November 12, 2003, our environmental assessor interviewed Mr. Pat Kawamoto, owner of APN 477-120-015. Mr. Kawamoto reportedly has owned the land for over 25 years. According to Mr. Kawamoto, no petroleum storage tanks have ever been present on the project site. Mr. Kawamoto indicated that the project site had been regularly leased to Mr. David Bruno of Bruno Ranching for agricultural purposes. Mr. Kawamoto had no knowledge of any pesticides or PCBs stored or used on the site.

## 3.1 Government Agency Review

For this investigation, R M Environmental retained the services of Environmental Data Resources, Inc. (EDR), to perform a database review in accordance with ASTM E 1527-00. The EDR environmental database report is presented in Appendix D. The following environmental databases were reviewed by EDR for this environmental investigation:

- Federal- National Priority List (NPL), proposed and delisted NPL, Comprehensive Environmental Response, Compensation, and Liability Information (CERCLIS/CERC-NFRAP), Corrective Action Report (CORRACTS), Resource Conservation and Recovery Information System (RCRIS-TSD/LQG/SQG), Emergency Response Notification System (ERNS), Superfund (CERCLA) Consent Decrees, ROD, Facility Index System/Facility Identification Initiative Program Summary Report (FINDS), Hazardous Materials Information Reporting System (HMIRS), Material Licensing Tracking System(MLTS), Mines Master Index File (MINES), NPL Liens, PCB Activity Database System, Department of Defense Sites, RCRA Administrative Action Tracking System, Toxic Chemical Release Inventory System, Toxic Substances Control Act, Section 7 Tracking Systems, FIFRA/ TSCA Tracking System.

- State and Local- Annual Workplan Sites, Cal-Sites, Cortese, Notify 65, Toxic Pits, Solid Waste Information System, WMUDS/SWAT, LUST, Bond Expenditure Plan, Underground Storage Tank Facilities, Voluntary Cleanup Program Properties, INDIAN UST, Aboveground Storage Tank Facilities (AST), Cleaner Facilities, Waste Discharge System, List of Deed Restrictions, No Further Action Determination, School Property Evaluation Program, Properties Referred to Another Agency, No Further Action Determination, Properties Needing Further Evaluation, CA SLIC, and HAZNET

Additional governmental agencies contacted by R M Environmental included the following:

- Riverside County Department of Flood Control

## 3.2 Agency Findings

Information obtained by the database search and our governmental agency review indicated the following:

- The subject site has never been cited or known to have been involved with hazardous waste and/or petroleum generation, treatment, or disposal.

- No federal NPL, TSD, or solid waste facilities are located within 1 mile of the site.

- There are no State/County landfill and/or solid waste disposal sites within ½ mile of the project site;

- There is one RCRA generator/HAZNET site adjoining the site to the west. The site is Moreno Valley Toyota, located at 27990 Eucalyptus Avenue. All potentially hazardous waste was reported as being properly disposed of by use of transfer station and/or recycler.

- No known Federal ERNS, or state registered underground storage tanks are on or adjoining the subject site;

- No known oil or gas wells are known to have been located on or within 1 mile of the site.

- There are two CHMIRS sites within 1 mile of the site. The sites are located at 28885 Fir St. and near the intersection of Moreno Beach Dr. and Cottonwood Ave. The site at 28885 Fir St. is reported as a drug lab with all contamination being disposed of by the Department of Toxic Substances Control. The site located near the intersection of Moreno Beach Dr. and Cottonwood Ave. does not report the classification of the contamination that occurred. The site was signed-off as closed in September of 1988.

- The are no known CAL-SITES (formerly ASPIS) or CORTESE sites within ½ mile of the site;

- There are no known LUST (leaking underground storage tank) sites within 1/4 mile of the site.

From records of the Riverside County Assessor's Office, the Assessor Parcel Numbers (APNs) of the site are 477-120-007, 477-120-008, 477-120-014, and 477-120-015. The current owners of the site are recorded as being Jackson and Hwa Ling Pong Hsu, and Chihtsung and Henry Tai for APNs 477-120-(007, 008, and 014), and Mike and Pat Kamamoto for APN 477-120-015.

### 3.3 Findings of Historic Maps

For this investigation, we reviewed the following historic maps of the site and surrounding area.

- 2,000-scale U.S.G.S. map, Sunnymead Quadrangle, 7.5 Minute Series, dated 1967, photo-revised 1973 and 1980. The site is shown as undeveloped land. Two apparent natural drainage channels are shown to be located south and east of the site.

- 400-scale Topographic Maps, Riverside County Flood Control, dated 2001. The site appeared similar to that observed during our site reconnaissance between November 7 and November 14, 2003.

## 4.0 AERIAL PHOTOGRAPH REVIEW

The referenced aerial photographs were carefully reviewed to further evaluate past developments of the site. Based on this review, man-made developments included the following:

| Date of Flight | Comments |
|---|---|
| May 23, 1949 | The site appeared as open agricultural fields with dirt access roads. The surrounding properties were observed as open agricultural fields to the north, west, and south, and undeveloped land to the east. |
| January 28, 1962 | Similar to that observed in the 1949 photos. |
| May 24, 1974 | The property bordering the site to the north and east appeared to be developed with citrus groves. The remaining portions of the site and the surroundings appear similar to that observed in the 1962 photos. |
| February 1, 1980 | Similar to that observed in the 1974 photos. |
| February 7, 1984 | Similar to that observed in the 1980 photos. |
| January 21, 1990 | Similar to that observed in the 1984 photos. |
| January 28, 1995 | Similar to that observed in the 1990 photos. |
| March 2, 2000 | Similar to that observed in the 1995 photos. |

## 5.0 SITE GEOLOGY/HYDROGEOLOGY

### 5.1 Site Geology

The site is located in the east portion of Moreno Valley within the Perris Block area of the Peninsular Ranges geomorphic province of southern California. Locally, the site is underlain by at least 50 feet of alluvial deposits which are underlain by sedimentary and granitic bedrock.

Lateral displacement and uplift of the region have occurred on a series of major, northwest-trending faults which are thought to be related to the regional tectonic framework. These faults include the Casa Loma Fault zone located near the northeast corner of the site, the San Jacinto Fault zone located approximately 2 miles to the northeast, and the San Andreas Fault zone located approximately 12 miles to the northeast. The site is not located within an Alquist Priolo Earthquake Studies Zone for fault rapture hazard.

### 5.2 Site Hydrology

The site is located within the north portion of the Perris North Groundwater Basin. Based on review of the "West San Jacinto Groundwater Basin Management Plan - 1998 Annual Report on the Status of the Groundwater Basins" (Eastern Municipal Water District, June 1999), and discussion with the north adjacent property owner, Mr. David Lantz, the depth to groundwater in the vicinity of the site is approximately 300 feet bgs with the direction of groundwater flow being toward the south-southeast.

## 6.0 SOIL SAMPLING AND ANALYSIS

For this investigation, three near surface (upper 6-inches) soil samples were collected from selected areas of possible drainage accumulation and pesticide usage on the site. The samples were obtained in laboratory prepared, 8-ounce wide mouth jars with teflon lined lids. Each of the collected soil samples were analyzed by Enviro-Chem, Inc. (Certification No. 1555), for organochlorine pesticides and PCBs using EPA Method 8081A by Enviro-Chem, Inc., located in Pomona, California (State Certification No. 1555).

The detected organoohlorine pesticide compounds were limited to 4,4'-DDE at a maximum concentration of 0.048 mg/Kg. The Federal Environmental Protection Agency (EPA) Environmental Preliminary Remedial Goals (PRGs) for residential developments for 4,4'-DDE is 2.4 mg/Kg.

No PCBs were detected in the three collected soil samples.

The detected concentrations of organochlorine pesticides and PCBs were within the allowable PRGs for the project. No additional assessment for organochlorine pesticides or PCBs is recommended for the site.

The organochlorine pesticide and PCB laboratory results and chain-of-custody documentation are presented in Appendix E. A summary of the soil sample analytical results are presented in Table 1. The soil sample locations are shown on Figure 2 - Site Plan.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase I Preliminary 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 materials, and/or petroleum contamination existing on or migrating into the site from off-site sources is low.

No additional environmental investigation is recommended for the project site.

In the event that any hazardous materials are found during subsequent site operations, R M Environmental and the proper authorities should be notified immediately.

## 8.0 LIMITS OF INVESTIGATION

This Phase I Environmental Site Assessment was performed using the degree of care and skill ordinarily exercised under similar circumstances by engineers and geologists 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.

In preparing this report, we were provided information derived from secondary sources and personal interviews. Except as described in this report, 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.

The opportunity to be of service is sincerely appreciated. If you have any questions, please call us at (909) 446-0041.

Sincerely,

**R M ENVIRONMENTAL**

Robert C. Manning, CEG 1768, RCE C058565
Project Manager

Travis Meier
Staff Geologist

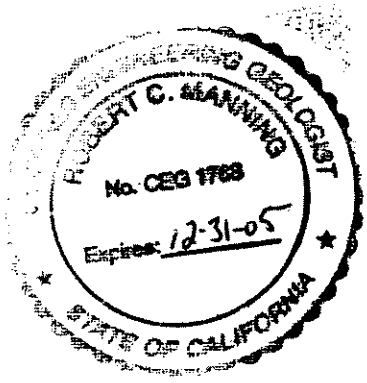
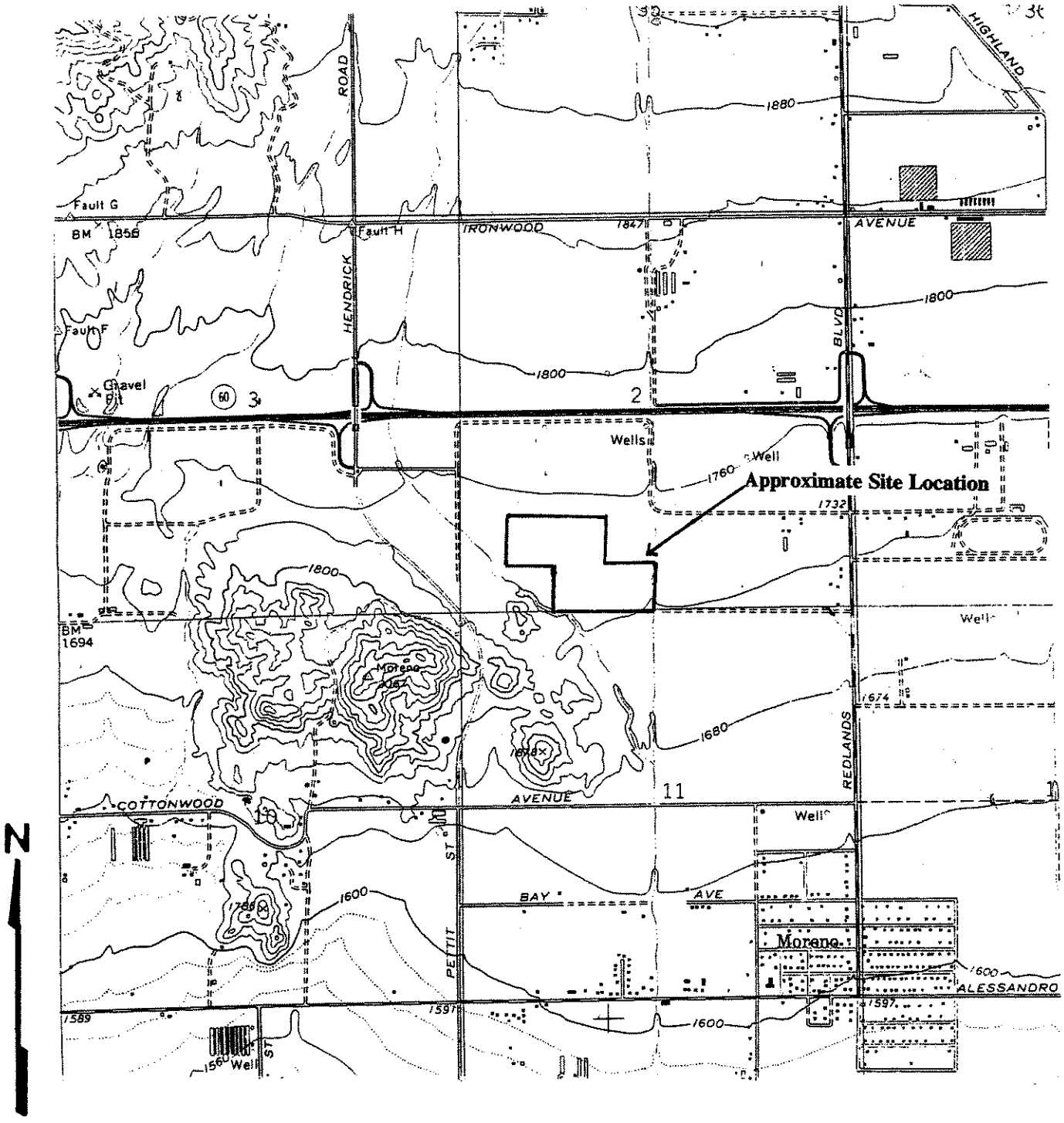


TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS - ORGANOCHLORINE PESTICIDES & PCBs-EPA METHOD 8081A/8082
Palmer PSA, Moreno Valley
03-412
November 2003
*Units = Mg/Kg (ppm)*

| Laboratory Analyses | Sample Date | Sample ID #1 | Sample ID #2 | Sample ID #3 |
|---|---|---|---|---|
| Aldrin | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| alpha - BHC | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| beta - BHC | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| gamma - BHC (Lindane) | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| delta - BHC | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| alpha - Chlordane | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| gamma - Chlordane | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| 4,4' - DDD | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| 4,4' - DDE | 11/07/03 | **0.046** | ND(0.001) | **0.048** |
| 4,4' - DDT | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Dieldrin | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Endosulfan I | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Endosulfan II | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Endosulfan Sulfate | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Endrin | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Endrin Aldehyde | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Endrin Ketone | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Heptachlor Epoxide | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Heptachlor | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Methoxyclor | 11/07/03 | ND(0.001) | ND(0.001) | ND(0.001) |
| Toxaphene | 11/07/03 | ND(0.200) | ND(0.200) | ND(0.200) |
| PBC - 1016 | 11/07/03 | ND(0.010) | ND(0.010) | ND(0.010) |
| PBC - 1221 | 11/07/03 | ND(0.010) | ND(0.010) | ND(0.010) |
| PBC - 1232 | 11/07/03 | ND(0.010) | ND(0.010) | ND(0.010) |
| PBC - 1242 | 11/07/03 | ND(0.010) | ND(0.010) | ND(0.010) |
| PBC - 1248 | 11/07/03 | ND(0.010) | ND(0.010) | ND(0.010) |
| PBC - 1254 | 11/07/03 | ND(0.010) | ND(0.010) | ND(0.010) |
| PBC - 1260 | 11/07/03 | ND(0.010) | ND(0.010) | ND(0.010) |

ND(0.01) - Not detected (detection limit of analysis)

*R M ENVIRONMENTAL*




*Scale: 1"=2,000'*

*Reference: U.S.G.S., 1967, PR 1980, Sunnymead Quadrangle, 7.5 Minute Series*

***SITE MAP - 37±Acres, Near the Intersection of Pettit Street and Fir Avenue, Moreno Valley Area of Riverside County, California***

| | | |
|---|---|---|
| ***PROJECT NO. 03-412*** | ***DATE : NOVEMBER 2003*** | ***FIGURE 1*** |

# APPENDIX A

## References

## REFERENCES

Moreno Valley Seismic-Geologic Map, Sheet No. 31, revised April 16, 1992.

"Preliminary Geotechnical Investigation, Proposed Trinity Church Development, APNs 477-080-(004, 005), 18.8± Acres, East of the Intersection of Redlands Blvd., and Ironwood Avenue, Moreno Valley, California," prepared by R M Environmental, dated September 12, 2002.

"Report of Findings, Phase I Preliminary Environmental Site Assessment, 2.94± Acres, Assessor Parcel Numbers 481-321-038 and 481-322-(025, 035), Intersection of Lamos Place and Oporto Drive, Moreno Valley, California," prepared by R M Environmental, dated October 4, 2001.

"Report of Findings, Phase I Preliminary Environmental Site Assessment, 84± Acres, Assessor Parcel Numbers, (APNs) 477-120-001 and 477-120-006, Near the Intersection of Pittit Street and Highway 60, Moreno Valley, California," prepared by R M Environmental, dated October 30, 2003.

U.S.G.S., 1967, PR1980 Sunnymead Quadrangle, 7.5 Minute Series, Scale: 1"=2,000'

West San Jacinto Groundwater Basin Management Plan - 1998 Annual Report on the Status of the Groundwater Basins" (Eastern Municipal Water District, June 1999).

## AERIAL PHOTOGRAPHS UTILIZED

| YEAR/SCALE | FLIGHT NO. | AGENCY |
|---|---|---|
| May 23, 1949/1"=2,000' | AXM-9F-107 | Riv Co. Flood Control |
| January 28,1962/1"=2,000' | 1-26, 1-27 | Riv Co. Flood Control |
| May 24, 1974/1"=2,000 | 168, 169 | Riv Co. Flood Control |
| February 1, 1980/1"=2,000' | 170, 171 | Riv Co. Flood Control |
| February 7, 1984/1"=1,600' | 1531, 1532 | Riv Co. Flood Control |
| January 21, 1990/1"=2,000' | 4-29, 4-30 | Riv Co. Flood Control |
| January 28, 1995/1"=1,600' | 4-28, 4-29 | Riv Co. Flood Control |
| March 2, 2000/1'=2,000' | 4-28, 4-29 | Riv. Co. Flood Control |

# APPENDIX B

## Selected Site Photographs

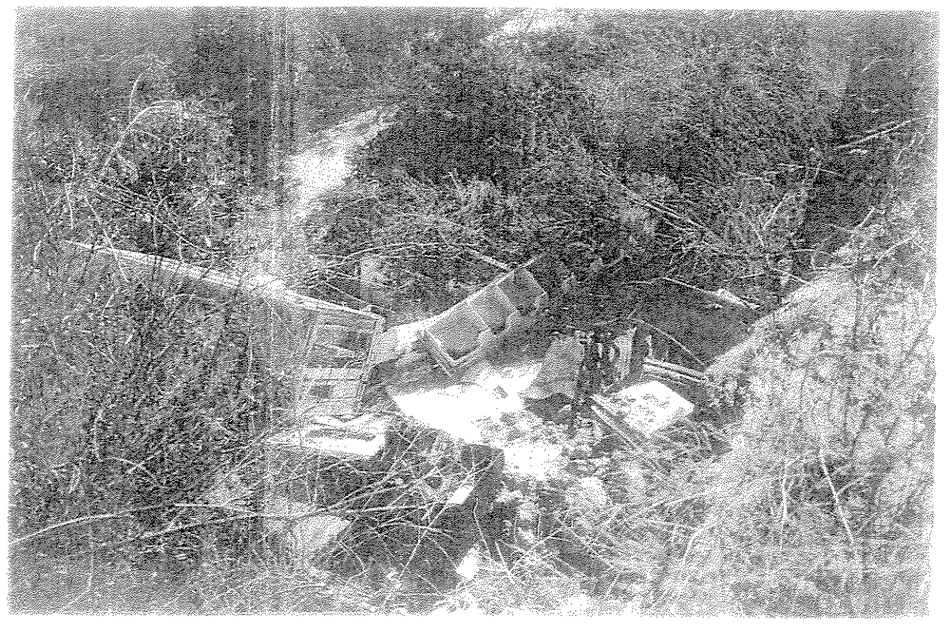
Looking south across APN's 177-120-014 and 177-120-015 at a truck dumping manure on-site for use as fertilizer

SELECTED SITE PHOTOGRAPHS

Phase I Environmental Assessment
APN's 177-120-007, 008, 014, 015
Moreno Valley, California

Project No. 05-112 November 2005 Appendix B

Miscellaneous non-hazardous debris located in the drainage area on the eastern border of the site



Miscellaneous non-hazardous debris located in the drainage area on the eastern border of the site

[illegible]

Portion of drainage area located in southwest corner of APN 477-120-008

SELECTED SITE PHOTOGRAPHS

Phase I Environmental Assessment
APNs 477-120-007, 008, 014, 015
Marsac Valley, California

Project No. 03-412 November 2003 Appendix B

# APPENDIX C

## Transaction Screen Questionnaire

# TRANSACTION SCREENING QUESTIONNAIRE
## ASTM (E 1528-93)

Description of Site: Address:
APN 477-120-007,008,014,015
Pellet St & Fir Ave
Moreno Valley, CA

Bruno Ranch

30 years

Question | Owner | Occupants (if applicable) | Observed During Site Visit

| Question | Owner | | | Occupants (if applicable) | | | Observed During Site Visit | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. Is the *property* or any *adjoining property used for an industrial use?* | *Yes* | *No* | *Unk* | *Yes* | *No* | *Unk* | *Yes* | (*No*) | *Unk* |
| 2. *To the best of your knowledge, has the property* or any *adjoining property* been used for an industrial use in the past? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 3. Is the *property* or any *adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility?* | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 4. To the best of your knowledge has the *property* or any *adjacent property* been used as a gasoline station, motor repair facility,,commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal(19L) in volume or 50 gal(190L) in the aggregate, stored on or used at the *property* or at the facility? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 6. Are there currently, or to the best of your knowledge have there been previously, any industrial *drums* (typically 55 gal(208 L) or sacks of chemicals located on the *property* or at the facility? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 7. Has *fill dirt* been brought onto the *property* that originated from a contaminated site or that is of an unknown origin? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 8. Are there currently, or to the best of your knowledge have there been previously, any *pits, ponds, or lagoons* located on the *property* in connection with waste treatment or waste disposal? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 9. Is there currently, or to the best of your knowledge has there been previously, any *stained soil* on the *property*? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 10. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered *storage tanks* (above or underground) located on the *property*? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |
| 11. Are there currently, or to the best of your knowledge have there been previously, any *vent pipes, fill pipes, or access ways* indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*? | Yes | No | Unk | Yes | No | Unk | Yes | (No) | Unk |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 12. Are there currently, or to the best of your knowledge have there been previously, any *flooring, drains, or walls* located within the facility that are stained by substances other than water or are emitting foul odors? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 13. If the *property* is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well be designated as contaminated by any government environmental/health agency? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 14. Does the *owner* or *occupant* of the *property* have any knowledge of *environmental liens* or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 15. Has the *owner* or *occupant* of the *property* been informed of the past or current existence of *hazardous substances* or *petroleum products* or environmental violations with respect to the *property* or any facility located on the *property*? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 16. Does the *owner* or *occupant* of the *property* have any knowledge of any *environmental site assessment* of the *property* or facility that indicated the presence of *hazardous substances* or *petroleum products* on, or contamination of, the *property* or recommended further assessment of the *property* | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 17. Does the *owner* or *occupant* of the *property* know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any *hazardous substance* or *petroleum products* involving the *property* by any *owner* or *occupant* of the *property*? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 18. Does the *property* discharge waste water on or adjacent to the *property* other than storm water into a sanitary sewer system? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 19. To the best of your knowledge, have any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the *property*? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |
| 20. Is there a *transformer, capacitor*, or any hydraulic equipment for which there are any records indicating the presence of PCBs? | Yes | No | Unk | Yes | No | Unk | Yes | No | Unk |

Signature

Name of Respondent: Travis Meier

Title: Geologist

No. of years familiar with property 30

Date: 11/12/03

Phone: (909) 446-0041

Work Order No. 03-412

# APPENDIX D

## Site Assessment Data Report
## (EDR, September 4, 2003)

# The EDR Radius Map
## with GeoCheck®

PSA-1 Moreno Valley
APN 477.120-001,006
Moreno Valley, CA 92555

Inquiry Number: 1040638.1s

September 04, 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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***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

APN 477.120-001,006
MORENO VALLEY, CA 92555

### COORDINATES

| | |
|---|---|
| Latitude (North): | 33.937500 - 33° 56' 15.0" |
| Longitude (West): | 117.170600 - 117° 10' 14.2" |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 484233.6 |
| UTM Y (Meters): | 3755045.0 |
| Elevation: | 1774 ft. above sea level |

## USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|---|---|
| Target Property: | 2433117-H2 SUNNYMEAD, 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
**ERNS** ..... Emergency Response Notification System

## STATE ASTM STANDARD

**AWP** ..... Annual Workplan Sites

# EXECUTIVE SUMMARY

| | |
|---|---|
| Cal-Sites | Calsites Database |
| Cortese | "Cortese" Hazardous Waste & Substances Sites List |
| 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 |

## 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. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## FEDERAL ASTM STANDARD

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

A review of the RCRIS-SQG list, as provided by EDR, and dated 07/11/2003 has revealed that there is 1 RCRIS-SQG site within approximately 0.25 miles of the target property.

| Lower Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| ***MORENO VALLEY TOYOTA*** | ***27990 EUCALYPTUS AVE*** | ***1/8 - 1/4 W*** | ***1*** | ***6*** |

## STATE ASTM STANDARD

**CHMIRS:** The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/2002 has revealed that there are 2 CHMIRS sites within approximately 1 mile of the target property.

| Lower Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| Not reported | 28885 FIR ST | 1/2 - 1 E | 2 | 7 |
| Not reported | NEAR MORENO BEACH DR. X | 1/2 - 1 SSW | 3 | 8 |

## STATE OR LOCAL ASTM SUPPLEMENTAL

# EXECUTIVE SUMMARY

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

A review of the HAZNET list, as provided by EDR, has revealed that there is 1 HAZNET site within approximately 0.25 miles of the target property.

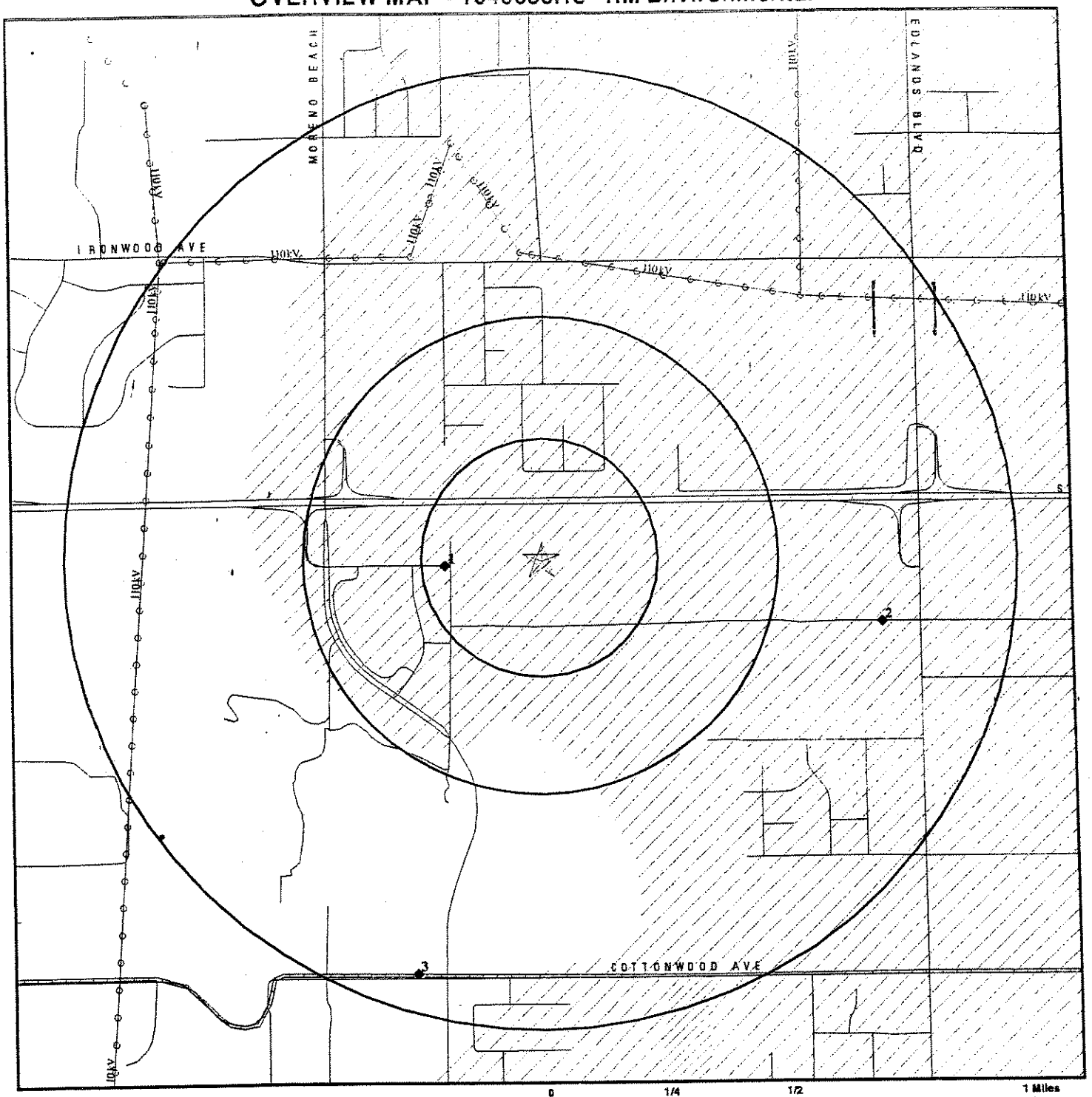
| Lower Elevation | Address | Dist / Dir | Map ID | Page |
|---|---|---|---|---|
| *MORENO VALLEY TOYOTA* | *27990 EUCALYPTUS AVE* | *1/8 - 1/4 W* | *1* | *6* |

# EXECUTIVE SUMMARY

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

| Site Name | Database(s) |
|---|---|
| LEE, HOWARD PROPERTY | LUST, Cortese |
| JETCO UNDERGROUND & UTILITIES | HAZNET |
| MORENO VALLEY RANCH GOLF CLUB | HAZNET |
| VALLEY VIEW HIGH SCHOOL | HAZNET |
| SAN DIEGO G&E MORENO | FINDS |
| RANCHO VISTA AT MORENO VALLEY | CA WDS |

# OVERVIEW MAP - 1040638.1s - RM Environmental




- ★ 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: | PSA-1 Moreno Valley | CUSTOMER: | RM Environmental |
| ADDRESS: | APN 477.120-001,006 | CONTACT: | Robert Manning |
| CITY/STATE/ZIP: | Moreno Valley CA 92555 | INQUIRY #: | 1040638.1s |
| LAT/LONG: | 33.9375 / 117.1706 | DATE: | September 04, 2003 8:00 pm |

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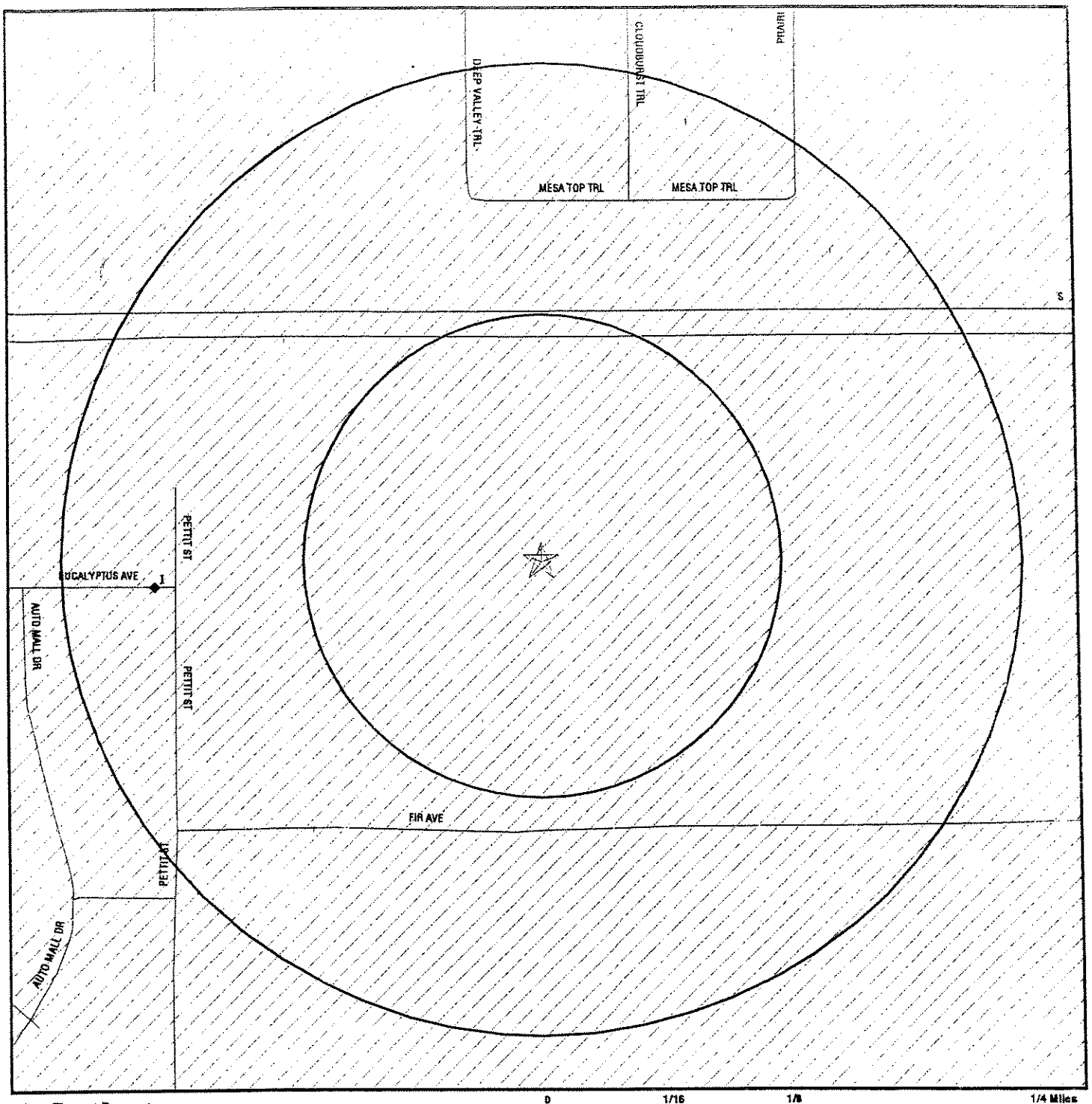
# DETAIL MAP - 1040638.1s - RM Environmental




- ★ 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: | PSA-1 Moreno Valley | CUSTOMER: | RM Environmental |
| ADDRESS: | APN 477.120-001,006 | CONTACT: | Robert Manning |
| CITY/STATE/ZIP: | Moreno Valley CA 92555 | INQUIRY #: | 1040638.1s |
| LAT/LONG: | 33.9375 / 117.1706 | DATE: | September 04, 2003 8:00 pm |

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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 | 1 | NR | NR | NR | 1 |
| 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 | 0 | 2 | NR | 2 |
| Cortese | | 1.000 | 0 | 0 | 0 | 0 | NR | 0 |
| 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 | 1 | NR | NR | NR | 1 |
| **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:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1
West
1/8-1/4
1066 ft.

**MORENO VALLEY TOYOTA**
**27990 EUCALYPTUS AVE**
**MORENO VALLEY, CA 92555**

RCRIS-SQG 1000840882
FINDS CAD983607540
HAZNET

Relative:
Lower

Actual:
1767 ft.

RCRIS:
Owner: TERRY WILOX
(619) 324-9963
EPA ID: CAD983607540
Contact: RANDY NORTH
(714) 247-8000
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:
Gepaid: CAD983607540
TSD EPA ID: CAT080013352
Gen County: Riverside
Tsd County: Los Angeles
Tons: .6880
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: MF SALTA CO (KEVIN CARDIEL)
Telephone: (619) 324-9963
Mailing Address: 27990 EUCALYPTUS AVE
MORENO VALLEY, CA 92555 - 4400
County Riverside

Gepaid: CAD983607540
TSD EPA ID: CAT080013352
Gen County: Riverside
Tsd County: Los Angeles
Tons: 3.2317
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: MF SALTA CO (KEVIN CARDIEL)
Telephone: (619) 324-9963
Mailing Address: 27990 EUCALYPTUS AVE
MORENO VALLEY, CA 92555 - 4400
County Riverside

MORENO VALLEY TOYOTA (Continued) 1000840882

Gepaid: CAD983607540
TSD EPA ID: CAT080013352
Gen County: Riverside
Tsd County: Los Angeles
Tons: 1.3761
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Contact: MF SALTA CO (KEVIN CARDIEL)
Telephone: (619) 324-9963
Mailing Address: 27990 EUCALYPTUS AVE
MORENO VALLEY, CA 92555 - 4400
County Riverside

Gepaid: CAD983607540
TSD EPA ID: CAD093459485
Gen County: Riverside
Tsd County: Fresno
Tons: .0834
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Transfer Station
Contact: MF SALTA CO (KEVIN CARDIEL)
Telephone: (619) 324-9963
Mailing Address: 27990 EUCALYPTUS AVE
MORENO VALLEY, CA 92555 - 4400
County Riverside

Gepaid: CAD983607540
TSD EPA ID: CAD093459485
Gen County: Riverside
Tsd County: Fresno
Tons: .0834
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)
Disposal Method: Not reported
Contact: MF SALTA CO (KEVIN CARDIEL)
Telephone: (619) 324-9963
Mailing Address: 27990 EUCALYPTUS AVE
MORENO VALLEY, CA 92555 - 4400
County Riverside

The CA HAZNET database contains 15 additional records for this site.
Please click here or contact your EDR Account Executive for more information.

---

**2**
**East**
**1/2-1**
**3857 ft.**

**Relative:**
**Lower**

**Actual:**
**1741 ft.**

**28885 FIR ST**
**MORENO VALLEY, CA 0**

**CHMIRS S105653984**
**N/A**

CHMIRS:
OES Control Number: 98-4653
Chemical Name: Drug Lab Waste
Extent of Release: Not reported
Property Use: Not reported
Incident Date: Not reported
Date Completed: Not reported
Time Completed : Not reported
Agency id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 98-4653
Time Notified : Not reported

S105653984

(Continued)

| | |
|---|---|
| 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 : | Residence |
| Cleanup By : | DTSC/S.O. |
| Containment : | Yes |
| What Happened : | Drug lab bust by the S.O. |
| Type : | CHEMICAL |
| Other : | Not reported |
| Chemical 1 : | Not Reported |
| Chemical 2 : | Not Reported |
| Chemical 3 : | Not Reported |
| Date/Time : | 10/12/98 |
| Evacuations : | 0 |

---

3
SSW
1/2-1
4854 ft.

CHMIRS S100278962
N/A

**NEAR MORENO BEACH DR. X COTTONWOOD**
**MORENO VALLEY, CA**

**Relative:**
**Lower**

**Actual:**
**1670 ft.**

CHMIRS:

| | |
|---|---|
| OES Control Number: | 8802768 |
| Chemical Name: | Not reported |
| Extent of Release: | Not reported |
| Property Use: | Vacant Lot |
| Incident Date: | 02-SEP-88 |
| Date Completed: | 02-SEP-88 |
| Time Completed : | 953 |
| Agency Id Number : | 33090 |
| Agency Incident Number : | 31525 |
| OES Incident Number : | 8802768 |
| Time Notified : | 803 |
| Surrounding Area : | 936 |
| Estimated Temperature : | 90 |

S100278962

**(Continued)**

| | |
|---|---|
| Property Management : | K |
| More Than Two Substances Involved? : | N |
| Special Studies 1 : | Not reported |
| Special Studies 2 : | Not reported |
| Special Studies 3 : | Not reported |
| Special Studies 4 : | Not reported |
| Special Studies 5 : | Not reported |
| Special Studies 6 : | Not reported |
| Responding Agency Personel # Of Injuries : | Not reported |
| Responding Agency Personel # Of Fatalities : | Not reported |
| Resp Agncy Personel # Of Decontaminated : | 1 |
| 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 : | TERESA RAUSCH / 562-80-0211 |
| Report Date : | 02-SEP-88 |
| Comments : | No |
| Facility Telephone Number : | 714 247-0604 |
| Waterway Involved : | Not reported |
| Waterway : | Not reported |
| Spill Site : | Not reported |
| Cleanup By : | Not reported |
| Containment : | Not reported |
| What Happened : | Not reported |
| Type : | Not reported |
| Other : | Not reported |
| Chemical 1 : | Not Reported |
| Chemical 2 : | Not Reported |
| Chemical 3 : | Not Reported |
| Date/Time : | Not reported |
| Evacuations : | Not reported |

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|---|---|---|---|---|---|
| MORENO VALLEY | S102811302 | JETCO UNDERGROUND & UTILITIES | 13260 HWY 215 | | HAZNET |
| MORENO VALLEY | S105025050 | LEE, HOWARD PROPERTY | 13390 HIGHWAY 215 | | LUST, Cortese |
| MORENO VALLEY | S105722832 | MORENO VALLEY RANCH GOLF CLUB | 27905 JOHN F KENNNEDY AVE | 92555 | HAZNET |
| MORENO VALLEY | S105257030 | RANCHO VISTA AT MORENO VALLEY | 15650 MESA VERDE DR | 92555 | CA WDS |
| MORENO VALLEY | S103994084 | VALLEY VIEW HIGH SCHOOL | VALLEY VIEW HIGH SCHOOL | 92555 | HAZNET |
| MORENO VALLEY | 1004443620 | SAN DIEGO G&E MORENO | 14601 VIRGINIA & ALESSANDRO | 92555 | FINDS |

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

## FEDERAL ASTM STANDARD RECORDS

**NPL:** National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/22/03
Date Made Active at EDR: 08/26/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03
Elapsed ASTM days: 22
Date of Last EDR Contact: 08/04/03

**NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

**Proposed NPL:** Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 06/10/03
Date Made Active at EDR: 08/26/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/04/03
Elapsed ASTM days: 22
Date of Last EDR Contact: 08/04/03

**CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/16/03
Date Made Active at EDR: 08/01/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/23/03
Elapsed ASTM days: 39
Date of Last EDR Contact: 06/23/03

**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.

Date of Government Version: 06/11/03
Date Made Active at EDR: 08/01/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/23/03
Elapsed ASTM days: 39
Date of Last EDR Contact: 06/23/03

**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: 06/09/03

**RCRIS:** Resource Conservation and Recovery Information System
Source: EPA
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/11/03
Date Made Active at EDR: 08/18/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/30/03
Elapsed ASTM days: 19
Date of Last EDR Contact: 06/26/03

**ERNS:** Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/02
Date Made Active at EDR: 02/03/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/03
Elapsed ASTM days: 7
Date of Last EDR Contact: 07/28/03

## 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: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

**CONSENT:** Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**ROD:** Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/09/03
Database Release Frequency: Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

**DELISTED NPL:** National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/22/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

**FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

**HMIRS:** Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

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

Date of Last EDR Contact: 07/23/03
Date of Next Scheduled EDR Contact: 10/20/03

**MLTS:** Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

**MINES:** Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 06/07/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

**NPL LIENS:** Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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

Date of Last EDR Contact: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

**PADS:** PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/30/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/13/03
Date of Next Scheduled EDR Contact: 11/10/03

**DOD:** Department of Defense Sites
Source: USGS
Telephone: 703-648-5920
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 04/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/15/03
Date of Next Scheduled EDR Contact: 11/10/03

**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: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

**TRIS:** Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 06/27/03
Date of Next Scheduled EDR Contact: 09/22/03

**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: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

**FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/15/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

**SSTS:** Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 07/24/03
Date of Next Scheduled EDR Contact: 10/20/03

**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: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

## STATE OF CALIFORNIA ASTM STANDARD RECORDS

**AWP:** Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 06/30/03
Date Made Active at EDR: 07/18/03
Database Release Frequency: Annually

Date of Data Arrival at EDR: 07/07/03
Elapsed ASTM days: 11
Date of Last EDR Contact: 07/07/03

**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: 04/28/03
Date Made Active at EDR: 06/23/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/02/03
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/02/03

**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: 12/31/02
Date Made Active at EDR: 08/07/03
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/11/03
Elapsed ASTM days: 27
Date of Last EDR Contact: 05/27/03

**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: 07/28/03

**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: 07/23/03

**TOXIC PITS:** Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/04/03

**SWF/LF (SWIS):** Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/13/03
Date Made Active at EDR: 07/07/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/16/03
Elapsed ASTM days: 21
Date of Last EDR Contact: 06/16/03

**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: 06/17/03

**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: 07/08/03

**CA BOND EXP. PLAN:** Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

**CA UST:**

**UST:** Active UST Facilities
Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/02/03
Date Made Active at EDR: 04/30/03
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 04/16/03
Elapsed ASTM days: 14
Date of Last EDR Contact: 07/08/03

**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: 04/28/03
Date Made Active at EDR: 06/12/03
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/02/03
Elapsed ASTM days: 10
Date of Last EDR Contact: 06/02/03

**INDIAN UST:** Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: N/A
Date Made Active at EDR: N/A
Database Release Frequency: Varies

Date of Data Arrival at EDR: N/A
Elapsed ASTM days: 0
Date of Last EDR Contact: N/A

**CA FID UST:** Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

**HIST UST:** Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5700
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

**AST:** Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 05/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

**CLEANERS:** Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-225-0873
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 03/11/03
Database Release Frequency: Annually

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

**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: 06/23/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

**DEED:** List of Deed Restrictions
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 07/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

**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: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/02/03
Date of Next Scheduled EDR Contact: 09/01/03

**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: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/02/03
Date of Next Scheduled EDR Contact: 09/01/03

**SCH:** School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

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

Date of Last EDR Contact: 06/02/03
Date of Next Scheduled EDR Contact: 09/01/03

NFE: Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

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

Date of Last EDR Contact: 06/02/03
Date of Next Scheduled EDR Contact: 09/01/03

HAZNET: Hazardous Waste Information System
Source: California Environmental Protection Agency
Telephone: 916-255-1136
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/01
Database Release Frequency: Annually

Date of Last EDR Contact: 08/12/03
Date of Next Scheduled EDR Contact: 11/10/03

## LOCAL RECORDS

### ALAMEDA COUNTY:

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

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/27/03

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

Date of Government Version: 07/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/27/03

### 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: 06/16/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/05/03
Date of Next Scheduled EDR Contact: 09/01/03

### FRESNO COUNTY:

**CUPA Resources List**
Source: Dept. of Community Health
Telephone: 559-445-3271
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/15/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/21/03
Date of Next Scheduled EDR Contact: 11/10/03

**KERN COUNTY:**

**Underground Storage Tank Sites & Tank Listing**
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 07/25/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/24/03
Date of Next Scheduled EDR Contact: 09/08/03

**LOS ANGELES COUNTY:**

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

Date of Government Version: 12/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

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

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

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

**City of Long Beach Underground Storage Tank**
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 05/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

**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: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

**City of Los Angeles Landfills**
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

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

Date of Government Version: 04/03/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

**Site Mitigation List**
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/03
Database Release Frequency: Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

**San Gabriel Valley Areas of Concern**
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

**MARIN COUNTY:**

**Underground Storage Tank Sites**
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 03/04/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

**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: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

**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: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

**ORANGE COUNTY:**

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

Date of Government Version: 11/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/11/03
Date of Next Scheduled EDR Contact: 09/08/03

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

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/11/03
Date of Next Scheduled EDR Contact: 09/08/03

**List of Industrial Site Cleanups**
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 06/11/03
Date of Next Scheduled EDR Contact: 09/08/03

**PLACER COUNTY:**

**Master List of Facilities**
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/17/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/23/03
Date of Next Scheduled EDR Contact: 09/22/03

**RIVERSIDE COUNTY:**

**Listing of Underground Tank Cleanup Sites**
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/03/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/23/03
Date of Next Scheduled EDR Contact: 10/20/03

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

Date of Government Version: 05/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/23/03
Date of Next Scheduled EDR Contact: 10/20/03

**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: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

**ML - Regulatory Compliance Master List**
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

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

Date of Last EDR Contact: 08/04/03
Date of Next Scheduled EDR Contact: 11/03/03

# 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: 06/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

SAN DIEGO COUNTY:

**Solid Waste Facilities**
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

**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: 07/08/03
Date of Next Scheduled EDR Contact: 10/06/03

SAN FRANCISCO COUNTY:

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

Date of Government Version: 06/20/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

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

Date of Government Version: 06/20/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

SAN MATEO COUNTY:

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

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

Date of Last EDR Contact: 07/28/03
Date of Next Scheduled EDR Contact: 10/27/03

**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: 06/16/03
Database Release Frequency: Annually

Date of Last EDR Contact: 07/08/03
Date of Next Scheduled EDR Contact: 10/13/03

**SANTA CLARA COUNTY:**

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

Date of Government Version: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

**Hazardous Material Facilities**
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 12/11/02
Database Release Frequency: Annually

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

**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: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

**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: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

**SONOMA COUNTY:**

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

Date of Government Version: 07/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/28/03
Date of Next Scheduled EDR Contact: 10/27/03

**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: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

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: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

**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: 05/22/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/15/03
Date of Next Scheduled EDR Contact: 09/15/03

**Underground Tank Closed Sites List**
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/30/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/08/03
Date of Next Scheduled EDR Contact: 10/13/03

**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: 05/21/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/16/03
Date of Next Scheduled EDR Contact: 09/15/03

YOLO COUNTY:

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

Date of Government Version: 06/19/03
Database Release Frequency: Annually

Date of Last EDR Contact: 06/19/03
Date of Next Scheduled EDR Contact: 10/20/03

## 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: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

**LUST REG 2:** Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

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

Date of Last EDR Contact: 07/10/03
Date of Next Scheduled EDR Contact: 10/13/03

**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: 05/19/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

**LUST REG 4:** Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

**LUST REG 5:** Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

**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: 06/09/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

**LUST REG 6V:** Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 05/29/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

**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: 06/30/03
Date of Next Scheduled EDR Contact: 09/29/03

**LUST REG 8:** Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 06/11/03
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/11/03
Date of Next Scheduled EDR Contact: 11/10/03

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 07/23/03
Date of Next Scheduled EDR Contact: 10/20/03

## 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: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

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: 07/10/03
Date of Next Scheduled EDR Contact: 10/13/03

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: 05/19/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/18/03
Date of Next Scheduled EDR Contact: 11/17/03

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: 07/01/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/28/03
Date of Next Scheduled EDR Contact: 10/27/03

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: 07/02/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

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

Date of Government Version: 06/09/03
Database Release Frequency: Varies

Date of Last EDR Contact: 06/09/03
Date of Next Scheduled EDR Contact: 09/08/03

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

Date of Government Version: 05/08/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 07/02/03
Date of Next Scheduled EDR Contact: 10/06/03

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

Date of Government Version: 05/29/03
Database Release Frequency: Varies

Date of Last EDR Contact: 05/27/03
Date of Next Scheduled EDR Contact: 08/25/03

**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: 07/07/03
Date of Next Scheduled EDR Contact: 10/06/03

**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: 06/02/03
Date of Next Scheduled EDR Contact: 09/01/03

## EDR PROPRIETARY HISTORICAL DATABASES

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

**Disclaimer Provided by Real Property Scan, Inc.**

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

## 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: 04/28/03
Database Release Frequency: Quarterly

Date of Last EDR Contact: 06/02/03
Date of Next Scheduled EDR Contact: 09/01/03

## 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
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**AHA Hospitals:**
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

**Medical Centers: Provider of Services Listing**
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

**Nursing Homes**
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools**
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

**Private Schools**
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

**Daycare Centers: Licensed Facilities**
Source: Department of Social Services
Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

**STREET AND ADDRESS INFORMATION**

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# GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

**TARGET PROPERTY ADDRESS**

PSA-1 MORENO VALLEY
APN 477.120-001,006
MORENO VALLEY, CA 92555

**TARGET PROPERTY COORDINATES**

| | |
|---|---|
| Latitude (North): | 33.937500 - 33° 56' 15.0" |
| Longitude (West): | 117.170601 - 117° 10' 14.2" |
| Universal Tranverse Mercator: | Zone 11 |
| UTM X (Meters): | 484233.6 |
| UTM Y (Meters): | 3755045.0 |
| Elevation: | 1774 ft. above sea level |

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

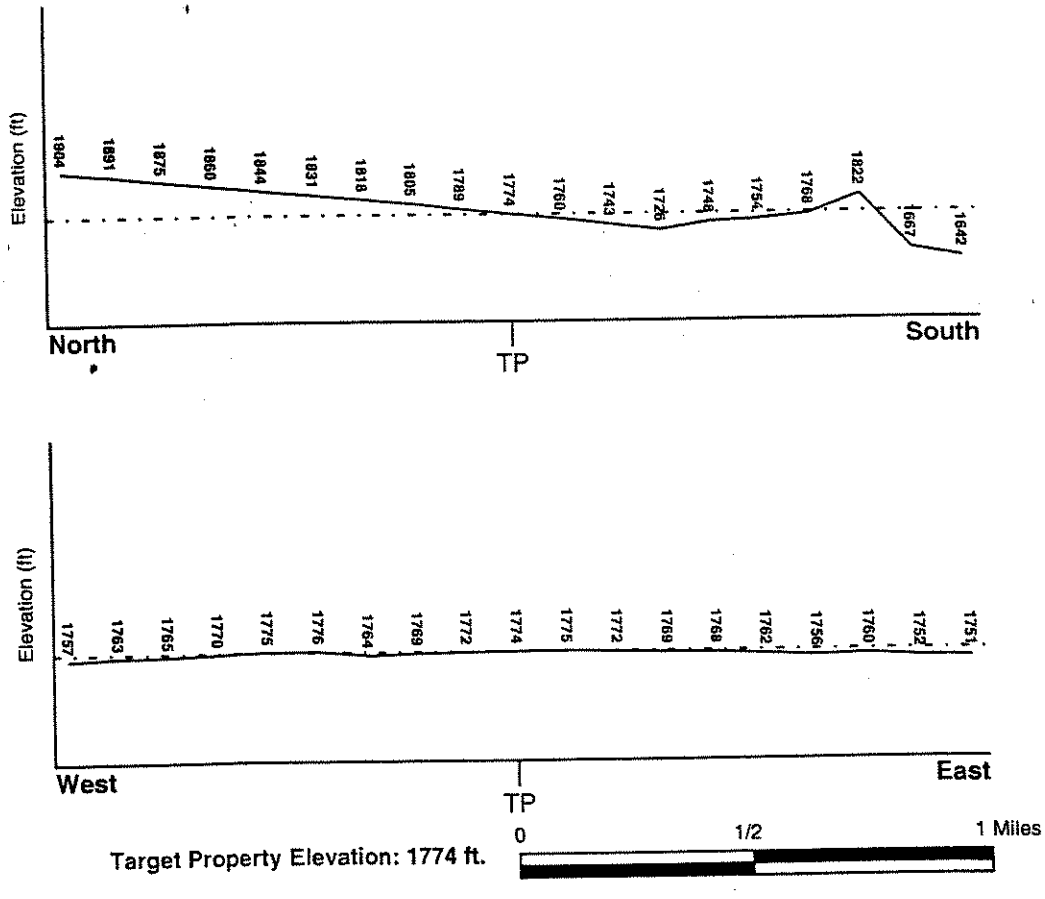
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

| | |
|---|---|
| USGS Topographic Map: | 2433117-H2 SUNNYMEAD, CA |
| General Topographic Gradient: | General South |
| Source: | USGS 7.5 min quad index |

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES




Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

| Target Property County | FEMA Flood Electronic Data |
|---|---|
| RIVERSIDE, CA | YES - refer to the Overview Map and Detail Map |

Flood Plain Panel at Target Property: 0650740030B

Additional Panels in search area: 0650740015A

### NATIONAL WETLAND INVENTORY

| NWI Quad at Target Property | NWI Electronic Data Coverage |
|---|---|
| SUNNYMEAD | Not Available |

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

***Site-Specific Hydrogeological Data*:***

Search Radius: 1.25 miles
Status: Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| MAP ID | LOCATION FROM TP | GENERAL DIRECTION GROUNDWATER FLOW |
|---|---|---|
| Not Reported | | |

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

**ROCK STRATIGRAPHIC UNIT**

| | |
|---|---|
| Era: | 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).

**DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

| | |
|---|---|
| Soil Component Name: | SAN EMIGDIO |
| Soil Surface Texture: | fine sandy loam |
| Hydrologic Group: | Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures. |
| Soil Drainage Class: | Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet. |

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

| Soil Layer Information | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Boundary | | | Classification | | | |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | Permeability Rate (in/hr) | Soil Reaction (pH) |
| 1 | 0 inches | 8 inches | fine sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 6.00<br>Min: 2.00 | Max: 8.40<br>Min: 7.90 |
| 2 | 8 inches | 40 inches | fine sandy loam | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 6.00<br>Min: 2.00 | Max: 8.40<br>Min: 7.90 |
| 3 | 40 inches | 60 inches | stratified | Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils. | COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand. | Max: 6.00<br>Min: 2.00 | Max: 8.40<br>Min: 7.90 |

**OTHER SOIL TYPES IN AREA**

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loamy sand
loam
loamy fine sand
sandy loam
silt loam

Surficial Soil Types: loamy sand
loam
loamy fine sand
sandy loam
silt loam

Shallow Soil Types: silty clay loam

Deeper Soil Types: loam
silty clay loam

**ADDITIONAL ENVIRONMENTAL RECORD SOURCES**

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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 |
|---|---|---|
| 1 | USGS0152643 | 0 - 1/8 Mile NE |
| 2 | USGS0152642 | 1/4 - 1/2 Mile ENE |
| 3 | USGS0163099 | 1/2 - 1 Mile SE |

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

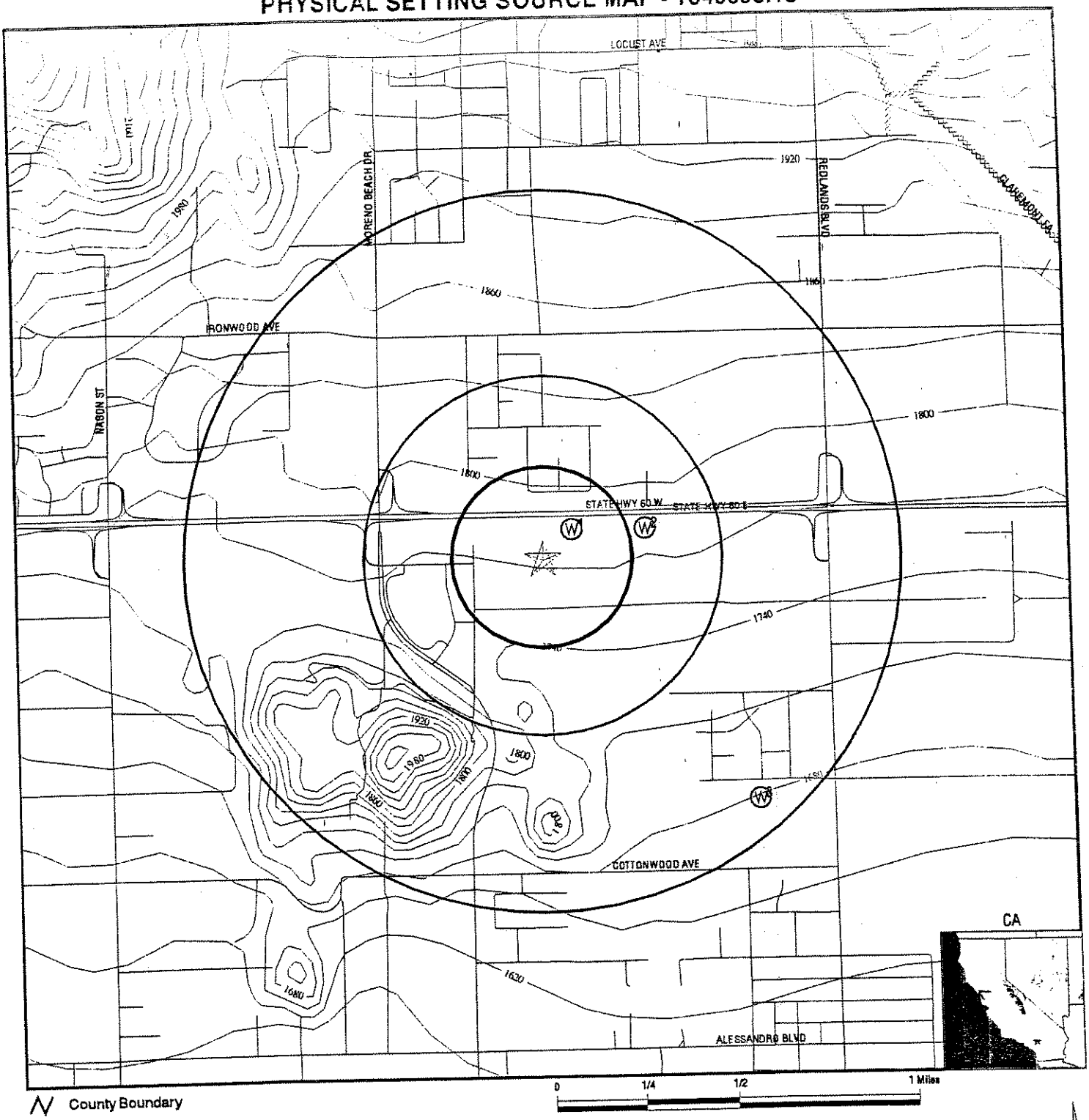
| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No PWS System Found | | |

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

| MAP ID | WELL ID | LOCATION FROM TP |
|---|---|---|
| No Wells Found | | |

# PHYSICAL SETTING SOURCE MAP - 1040638.1s




- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

| | | | |
|---|---|---|---|
| TARGET PROPERTY: | PSA-1 Moreno Valley | CUSTOMER: | RM Environmental |
| ADDRESS: | APN 477.120-001,006 | CONTACT: | Robert Manning |
| CITY/STATE/ZIP: | Moreno Valley CA 92555 | INQUIRY #: | 1040638.1s |
| LAT/LONG: | 33.9375 / 117.1706 | DATE: | September 04, 2003 8:00 pm |

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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

| | Database | EDR ID Number |
|---|---|---|
| **1**<br>**NE**<br>**0 - 1/8 Mile**<br>**Higher** | **FED USGS** | **USGS0152643** |

| | | | |
|---|---|---|---|
| Agency: | USGS | Site ID: | 335619117100601 |
| Site Name: | 003S003W02L001S | | |
| Dec. Latitude: | 33.93863 | | |
| Dec. Longitude: | -117.1692 | | |
| Coord Sys: | NAD83 | | |
| State: | CA | | |
| County: | Riverside County | | |
| Altitude: | Not Reported | | |
| Hydrologic code: | 18070202 | | |
| Topographic: | Not Reported | | |
| Site Type: | Ground-water other than Spring | | |
| Const Date: | Not Reported | Inven Date: | Not Reported |
| Well Type: | Single well, other than collector or Ranney type | | |
| Primary Aquifer: | Not Reported | | |
| Aquifer type: | Not Reported | | |
| Well depth: | Not Reported | | |
| Hole depth: | Not Reported | Source: | Not Reported |
| Project no: | Not Reported | | |

| | | |
|---|---|---|
| **2**<br>**ENE**<br>**1/4 - 1/2 Mile**<br>**Higher** | **FED USGS** | **USGS0152642** |

| | | | |
|---|---|---|---|
| Agency: | USGS | Site ID: | 335619117095301 |
| Site Name: | 003S003W02L002S | | |
| Dec. Latitude: | 33.93863 | | |
| Dec. Longitude: | -117.16559 | | |
| Coord Sys: | NAD83 | | |
| State: | CA | | |
| County: | Riverside County | | |
| Altitude: | Not Reported | | |
| Hydrologic code: | 18070202 | | |
| Topographic: | Not Reported | | |
| Site Type: | Ground-water other than Spring | | |
| Const Date: | 1932 | Inven Date: | Not Reported |
| Well Type: | Single well, other than collector or Ranney type | | |
| Primary Aquifer: | Not Reported | | |
| Aquifer type: | Not Reported | | |
| Well depth: | 1000 | | |
| Hole depth: | Not Reported | Source: | O |
| Project no: | Not Reported | | |

| | | |
|---|---|---|
| **3**<br>**SE**<br>**1/2 - 1 Mile**<br>**Lower** | **FED USGS** | **USGS0163099** |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|---|---|---|---|
| Agency: | USGS | Site ID: | 335539117093401 |
| Site Name: | 010N003W26K001S | | |
| Dec. Latitude: | 33.92752 | | |
| Dec. Longitude: | -117.16031 | | |
| Coord Sys: | NAD83 | | |
| State: | CA | | |
| County: | San Bernardino County | | |
| Altitude: | 2170 | | |
| Hydrologic code: | Not Reported | | |
| Topographic: | Pediment | | |
| Site Type: | Ground-water other than Spring | | |
| Const Date: | 1944 | Inven Date: | 19590206 |
| Well Type: | Single well, other than collector or Ranney type | | |
| Primary Aquifer: | Not Reported | | |
| Aquifer type: | Not Reported | | |
| Well depth: | 185 | | |
| Hole depth: | Not Reported | Source: | R |
| Project no: | Not Reported | | |

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
# RADON

## AREA RADON INFORMATION

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. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

**AQUIFLOW[R] Information System**
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

**Geologic Age and Rock Stratigraphic Unit**
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

**STATSGO:** State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

### FEDERAL WATER WELLS

**PWS:** Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

**PWS ENF:** Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**USGS Water Wells:** USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## STATE RECORDS

**California Drinking Water Quality Database**
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

**California Oil and Gas Well Locations for District 2, 3, 5 and 6**
Source: Department of Conservation
Telephone: 916-323-1779

## RADON

**Area Radon Information**
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones**
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## OTHER

**Airport Landing Facilities:** Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

**Epicenters:** World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

# APPENDIX E

## Chain-of-Custody Documentation and Laboratory Report

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91767 Tel (909) [illegible] Fax (909) [illegible]

Date: November 14, 2003

Mr. Travis Meier
RM Environmental
P.O. Box 575
Calimesa, CA 92320
Tel(909)446-0041 Fax(909)446-0124

Project: **Palmer PSA 1 / 03-412**

Dear Mr. Meier:

The analytical results for the soil samples, received by our lab on November 10, 2003, are attached. All samples were received chilled, intact and with chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manger

Jesse Tu, Ph.D.
Laboratory Manager

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 9[illegible] Tel (909) [illegible] Fax (909) [illegible]

# LABORATORY REPORT

CUSTOMER: RM ENVIRONMENTAL, P.O. BOX 575, CALIMESA, CA 92320
TEL(909)446-0041 FAX(909)446-0124

PROJECT: Palmer PSA 1 / 03-412

MATRIX: SOIL
SAMPLING DATE: 11/07/03
REPORT TO: Mr. TRAVIS MEIER

DATE RECEIVED: 11/10/03
DATE ANALYZED: 11/11-12/03
DATE REPORTED: 11/14/03

SAMPLE I.D.: #1

LAB I.D.: 031110-10

**Organochlorine Pesticides & PCBs Analysis**
**Method: EPA 8081A/8082**
**Unit: Mg/Kg = Milligram per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.046 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |
| PCB-1016 | ND | 0.010 |
| PCB-1221 | ND | 0.010 |
| PCB-1232 | ND | 0.010 |
| PCB-1242 | ND | 0.010 |
| PCB-1248 | ND | 0.010 |
| PCB-1254 | ND | 0.010 |
| PCB-1260 | ND | 0.010 |

**COMMENTS**
PQL = Practical Quantitation Limit
ND = Non detected or below the PQL
Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.
[illegible] Avenue, [illegible], CA [illegible] Tel (909) [illegible] Fax (909) [illegible]

# LABORATORY REPORT

CUSTOMER: RM ENVIRONMENTAL, P.O. BOX 575, CALIMESA, CA 92320
TEL(909)446-0041 FAX(909)446-0124

PROJECT: Palmer PSA 1 / 03-412

MATRIX: SOIL
SAMPLING DATE: 11/07/03
REPORT TO: Mr. TRAVIS MEIER

DATE RECEIVED: 11/10/03
DATE ANALYZED: 11/11-12/03
DATE REPORTED: 11/14/03

SAMPLE I.D.: #3

LAB I.D.: 031110-12

**Organochlorine Pesticides & PCBs Analysis**
**Method: EPA 8081A/8082**
**Unit: Mg/Kg = Milligram per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | 0.048 | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |
| PCB-1016 | ND | 0.010 |
| PCB-1221 | ND | 0.010 |
| PCB-1232 | ND | 0.010 |
| PCB-1242 | ND | 0.010 |
| PCB-1248 | ND | 0.010 |
| PCB-1254 | ND | 0.010 |
| PCB-1260 | ND | 0.010 |

**COMMENTS**
PQL = Practical Quantitation Limit
ND = Non detected or below the PQL
Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

1214 E. Lexington Avenue, Pomona, CA 91767

# LABORATORY REPORT

CUSTOMER: RM ENVIRONMENTAL, P.O. BOX 575, CALIMESA, CA 92320
TEL(909)446-0041 FAX(909)446-0124

PROJECT: **Palmer PSA 1 / 03-412**

MATRIX: SOIL
SAMPLING DATE: 11/07/03
REPORT TO: Mr. TRAVIS MEIER

DATE RECEIVED: 11/10/03
DATE ANALYZED: 11/11-12/03
DATE REPORTED: 11/14/03

SAMPLE I.D.: **#2**

LAB I.D.: 031110-11

**Organochlorine Pesticides & PCBs Analysis**
**Method: EPA 8081A/8082**
**Unit: Mg/Kg = Milligram per Kilogram = PPM**

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |
| PCB-1016 | ND | 0.010 |
| PCB-1221 | ND | 0.010 |
| PCB-1232 | ND | 0.010 |
| PCB-1242 | ND | 0.010 |
| PCB-1248 | ND | 0.010 |
| PCB-1254 | ND | 0.010 |
| PCB-1260 | ND | 0.010 |

**COMMENTS**
PQL = Practical Quantitation Limit
ND = Non detected or below the PQL
Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) [illegible] Fax (909) [illegible]

# METHOD BLANK REPORT

CUSTOMER: RM ENVIRONMENTAL, P.O. BOX 575, CALIMESA, CA 92320
TEL(909)446-0041 FAX(909)446-0124

PROJECT: Palmer PSA 1 / 03-412

MATRIX: SOIL
SAMPLING DATE: 11/07/03
REPORT TO: Mr. TRAVIS MEIER

DATE RECEIVED: 11/10/03
DATE ANALYZED: 11/11-12/03
DATE REPORTED: 11/14/03

---

METHOD BLANK FOR LAB I.D.: 031110-10 THROUGH -12

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Organochlorine Pesticides & PCBs Analysis
Method: EPA 8081A/8082
Unit: Mg/Kg = Milligram per Kilogram = PPM

---

| PARAMETER | SAMPLE RESULT | PQL |
|---|---|---|
| Aldrin | ND | 0.001 |
| alpha-BHC | ND | 0.001 |
| beta-BHC | ND | 0.001 |
| gamma-BHC (Lindane) | ND | 0.001 |
| delta-BHC | ND | 0.001 |
| alpha-Chlordane | ND | 0.001 |
| gamma-Chlordane | ND | 0.001 |
| 4,4'-DDD | ND | 0.001 |
| 4,4'-DDE | ND | 0.001 |
| 4,4'-DDT | ND | 0.001 |
| Dieldrin | ND | 0.001 |
| Endosulfan I | ND | 0.001 |
| Endosulfan II | ND | 0.001 |
| Endosulfan Sulfate | ND | 0.001 |
| Endrin | ND | 0.001 |
| Endrin Aldehyde | ND | 0.001 |
| Endrin Ketone | ND | 0.001 |
| Heptachlor Epoxide | ND | 0.001 |
| Heptachlor | ND | 0.001 |
| Methoxyclor | ND | 0.001 |
| Toxaphene | ND | 0.200 |
| PCB-1016 | ND | 0.010 |
| PCB-1221 | ND | 0.010 |
| PCB-1232 | ND | 0.010 |
| PCB-1242 | ND | 0.010 |
| PCB-1248 | ND | 0.010 |
| PCB-1254 | ND | 0.010 |
| PCB-1260 | ND | 0.010 |

**COMMENTS**
PQL = Practical Quantitation Limit
ND = Non detected or below the PQL
Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# EPA 8081 QA/QC Report

Matrix: Soil

Unit: mg/Kg

Date Analyzed: 11/11-12/2003

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.:** 031111-2

| Analyte | S.R. | spk conc | MS | %REC | MSD | %REC | %RPD | ACP %RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|---|
| Gamma-BHC | 0 | 0.050 | 0.052 | **105%** | 0.052 | **104%** | **1%** | **0-20%** | **70-130** |
| Aldrin | 0 | 0.050 | 0.059 | **118%** | 0.058 | **116%** | **1%** | **0-20%** | **70-130** |
| 4,4-DDE | 0 | 0.050 | 0.063 | **127%** | 0.063 | **126%** | **0%** | **0-20%** | **70-130** |

**Lab Control Spike (LCS) Recovery:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| Gamma-BHC | 0.050 | 0.048 | **95%** | **75-125** |
| Aldrin | 0.050 | 0.053 | **106%** | **75-125** |
| 4,4-DDE | 0.050 | 0.051 | **101%** | **75-125** |
| Dieldrin | 0.050 | 0.051 | **101%** | **75-125** |

| Surrogate Recovery | ACP% | MB | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | | | **1110-10** | **1110-11** | **1110-12** | **1110-13** | **1110-14** | **1111-1** |
| Tetra-chloro-meta-xylene | 50-150 | 102% | 118% | 106% | 114% | 112% | 104% | 113% |
| Decachlorobipneyl | 50-150 | 117% | 130% | 117% | 117% | 126% | 117% | 132% |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|---|---|
| **Sample I.D.** | **1111-2** | **1111-3** | **1111-4** | **1111-5** | **1111-6** | | | |
| Tetra-chloro-meta-xylene | 112% | 110% | 118% | 117% | 120% | | | |
| Decachlorobipneyl | 136% | 131% | 140% | 139% | 137% | | | |

| Surrogate Recovery | %REC | %REC | %REC | %REC | %REC | %REC |
|---|---|---|---|---|---|---|
| **Sample I.D.** | | | | | | |
| Tetra-chloro-meta-xylene | | | | | | |
| Decachlorobipneyl | | | | | | |

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

** = Surrogate fail due to matrix interference (If Marked)*

**Note: *LCS, MS, MSD are in control therefore results are in control.***

**Analyzed and Reviewed By:**

**Final Reviewer:**

Enviro-Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

## Analysis: EPA 8082 (PCB)

Matrix: **Solid**

Unit: mg/Kg (PPM)

Date Analyzed: 11/11-12/2003

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

**Spiked Sample Lab I.D.: 031111-6**

| Analyte | spk conc | MS | %REC | MSD | %REC | %RPD | ACP % RPD | ACP %REC |
|---|---|---|---|---|---|---|---|---|
| PCB (1016+1260) | 0.500 | 0.544 | **109%** | 0.555 | **111%** | **2%** | **0-20%** | **70-130** |

**LCS STD RECOVERY:**

| Analyte | spk conc | LCS | % REC | ACP %REC |
|---|---|---|---|---|
| PCB (1016+1260) | 0.500 | 0.514 | **103%** | **75-125** |

spk conc = Spike Concentration
%REC = Percent Recovery
ACP %RPD = Acceptable Percent RPD Range
ACP %REC = Acceptable Percent Recovery Range

**Analyzed and Reviewed By:** _____

**Final Reviewer:** _____

**Enviro-Chem, Inc. Laboratories**
1214 E. Lexington Avenue,
Pomona, CA 91766
Tel: (909) 590-5905 Fax: (909) 590-5907
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time
0 Same Day
0 24 Hours
0 48 Hours
0 72 Hours
● 1 Week (Standard)
Other

| SAMPLE ID | LAB ID | SAMPLING DATE & TIME | MATRIX | No. OF CONTAINERS | TEMPERATURE | PRESERVATION | Analysis Required: PCB's & Pesticides | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| #1 | 031110-10 | 11/7/03 14:00 | Soil | 1 | 4°C | None | X | |
| #2 | -11 | " 14:10 | " | 1 | " | " | X | |
| #3 | -12 | " 14:20 | " | 1 | " | " | X | |

Remarks

Company Name: RM Environmental
Address: P.O. Box 575
City/State/Zip: Calimesa, CA 92320

Project Contact: Travis Meier
Tel: (909) 446-0041
Fax: 446-0124

Sampler's signature:

Project Name/ID: Palmer PSA1/03-412

| | | | |
|---|---|---|---|
| Relinquished by: | 11-10-03 0915 | Received by: | 11/10/03 09:15 |
| Relinquished by: | 11/10/03 1110 | Received by: | 11/10/03 1110 |
| Relinquished by: | Date & Time | Received by: | Date & Time |

# CHAIN OF CUSTODY RECORD

WHITE - WITH SAMPLE; YELLOW - TO CLIENT