

**Table 14 Continued: MCLs and PRGs for Selected Chemicals of Detection**

Contaminant	PRG res soil mg/kg	PRG tap water ug/L	MCL, drinking water standards ug/L
n-propylbenzene	NE	NE	NE
1,3,5-trimethylbenzene	NE	NE	NE
4-isopropyltoluene	NE	NE	NE
n-butylbenzene	NE	NE	NE
2,4,5-trichlorophenol	6,500	3,700	NE
tert-butylbenzene	NE	NE	NE
kerosene or mineral spirits	NE	NE	NE
sec-butylbenzene	NE	NE	NE
2-methylnaphthalene	NE	NE	NE
2-methylphenol	3,300	1,800	NE
butyl benzyl phthalate	930	7,300	NE
n-butylbenzene	NE	NE	NE
p-isopropylbenzene	NE	NE	NE
n-propylbenzene	NE	NE	NE
1,2,4-trimethylbenzene	NE	NE	NE
carbon tetrachloride	0.23	0.17	0.5
lead	400	4.0	15
zinc	23,000	11,000	NE

NE = None Established

**Table 14 Continued: MCLs and PRGs for Selected Chemicals of Detection**

<b>Contaminant</b>	<b>PRG res soil mg/kg</b>	<b>PRG tap water ug/L</b>	<b>MCL, drinking water standards ug/L</b>
tetrachlorophenol	NE	NE	NE
chlorobenzene	65	39	NE
2-chlorotoluene	NE	NE	NE
4-methylphenol	330	180	NE
1,1-dichloroethene	0.037	0.046	6.0
trichloroethene	3.2	1.6	5.0
1,2,4-trichlorobenzene	570	190	70
1,2,3-trichlorobenzene	NE	NE	NE
1,1,2,2-tetrachloroethane	0.45	0.055	1.0
bromobenzene	NE	NE	NE
trichlorofluoromethane	380	1,300	150
benzoic acid	100,000	150,000	NE
1,3-dichlorobenzene	500	180	NE
1,4-dichlorobenzene	3.6	0.47	5.0
1,2-dichlorobenzene	700	370	600

NE = None Established





## Department of Toxic Substances Control

Jesse R. Huff, Director  
700 Heinz Avenue, Bldg. F, Suite 200  
Berkeley, California 94710-2721



Gray Davis  
Governor

Winston H. Hickox  
Secretary for  
Environmental  
Protection

February 18, 1999

COPY

Mr. Jim Brown  
Simpson Timber Co  
P.O. Box 1089  
Arcata, California 95518-1089

Dear Mr. Brown:

### **CERTIFICATION OF FINAL REMOVAL ACTION, FORMER SIMPSON REMANUFACTURING PLANT, 3315 FOSTER AVENUE, CALIFORNIA**

We are pleased to inform you that on February 18, 1999 the Department of Toxic Substances Control (Department) certified that the final removal action has been completed at the former Simpson Remanufacturing Plant on Foster Avenue, Arcata. A copy of the Removal Action Certification Form is enclosed for your records. The Department has determined that all appropriate removal/remedial actions have been completed. Please note, however, Simpson Timber Company must still comply with the terms of the Operation and Maintenance Agreement, signed on January 28, 1999.

We wish to thank you for your cooperation with the Department. If there are any questions please contact Derek Whitworth at (510) 540-3838 or by email [dwhitwor@dtsc.ca.gov](mailto:dwhitwor@dtsc.ca.gov)

Sincerely,

Barbara J. Cook, P.E., Chief  
Northern California -  
Coastal Cleanup Operations Branch

Mr. Jim Brown  
February 17, 1999  
Page 2

Enclosure: Removal Action Certification Form  
Operation & Maintenance Agreement

cc: (with enclosures)  
Mr. Joseph Breed  
Simpson Timber Company  
Legal Department  
1201 Third Avenue, Suite 4900  
Seattle, Washington, 98101-3045

Mr. Fred Jacobson  
Simpson Timber Company  
P.O. Box 68  
Korbel, California 95550-4586

Ms. Linda Mackey  
EnviroNet Consulting  
3601 Regional Parkway, Suite A  
Santa Rosa, California 95403

Mr. Dean Pratt  
North Coast Regional Water /Quality Control Board  
5550 Skylane Boulevard, Suite A  
Santa Rosa, California 95403

Mr. Brian Cox  
Humboldt County Division of Environmental Health  
100 H Street Suite 100,  
Eureka, California 95521

## REMOVAL ACTION CERTIFICATION FORM

1. **Certification of Remedial or Removal Action:**

I hereby certify that the following information is true and correct to the best of my knowledge.

1. DA Whitworth February 8, 1999  
Project Manager Date
2. [Signature] February 16, 1999  
Unit Chief Date
3. Barbara J. Cor February 18, 1999  
Branch Chief Date

2. **Certification Statement: Based upon the information which is currently and actually known to the Department,**

- ☐ The Department has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.
- ☐ The Department has determined, based upon a remedial investigation or site characterization that the site poses no significant threat to public health, welfare or the environment and therefore implementation of removal/remedial measures is not necessary.
- ☒ The Department has determined that all appropriate removal/remedial actions have been completed and that all acceptable engineering practices were implemented; however, the site requires ongoing operation and maintenance (O&M) monitoring efforts. The site will be deleted from the "active" site list following (1) a trial operation and maintenance period and (2) execution of a formal written settlement between the Department and the responsible parties, if appropriate. However, the site will be placed on the Department's list of sites undergoing O&M to ensure proper monitoring of long-term clean-up efforts.



**3. Site Name and Location: (street address, city, zip code, and county)**

Simpson Remanufacturing Plant  
3315 Foster Avenue  
Arcata, California  
Humboldt County

**A. List any other names that have been used to identify this site:**

Simpson Redwood Plant

**B. Address of site if different from above: N/A**

**C. Assessor's Parcel Numbers:**

Simpson Timber Company  
506-231-05, 506-231-02, 506-231-01, 505-151-04, 505-151-03, 505-181-07  
Simpson Common Paymaster Company  
505-151-05, 506-131-11, 506-231-04, 506-241-16, 505-161-09, 505-161-10, 505-161-29

**4. Project Proponent:**

Simpson Timber Company  
P. O. Box 1089,  
Arcata, California 95518-1089

**5. Brief Description and History of the Site:**

The Site was operated as a plant to manufacture finished products from redwood lumber. It operated from the early 1950s until the late 1980s. At various times during the operation of the plant, surface coatings and fungal stain inhibitors were used. Wastes from these operations were released into the environment. During investigations conducted during 1987, the point source of release was identified. Contaminated soils were excavated and ultimately disposed off site at Forward landfill in Stockton, California. The groundwater was pumped out and treated through a transportable treatment unit before being discharged to the Greater Eureka Area (Elk River) Waste Water Treatment Plant. Approximately 1.2 million gallons of water were sent to the treatment plant.

**6. Type of Site:**

Bond-funded ☐ RP-funded ☒

**Included in the Annual Work Plan?**

Yes ☒ No ☐

**7. Size of Site: (Based on Expenditure Plan definition of size)**

Small      Medium X Large      Extra Large     

## 8. Dates of Remedial Action

**a. Initiated:** November 17, 1997

**b. Completed:** December 5, 1997

**9. Response Action Taken on Site: (check appropriate action)**

<u>X</u>	Removal Action (satisfactory abatement of site)
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### Final Remedial Action

RCRA enforcement/closure action

No action, further investigation verified that no cleanup action at site was needed.

**A. Type of Remedial Action (e.g. Excavation and re-disposal on-site treatment):**

Excavation and off-site disposal at a landfill. Groundwater extraction and treatment with discharge to a municipal wastewater treatment plant.

**B. Estimated quantity of waste associated with the site (i.e., ton/gallons/cubic yards) which was:**

1. X treated

Amount: 1.2 million gallons g/water

2.      untreated (capped sites)

Amount: \_\_\_\_\_

3. X removed

Amount: 2,654 tons soil

## 10. Cleanup Levels/Standards

**A. What were the cleanup standards established by DTSC pursuant to the final Removal Action Workplan (RAW)?**

The cleanup levels specified by the Final Removal Action Workplan for all the contaminants of concern were U.S. EPA Region 9 Preliminary Remedial Goals for contaminants of concern in the, soil and California Code of Regulations, Title 22, Division 4, Title 22, Article 5.5, Section 64444 Maximum Contaminant Levels (MCLs) - Organic Chemicals..

**B. Were the specified cleanup standards met?**

Yes\_\_ No X

**C. If "no", why not: N/A**

The cleanup goals were met in all respects except for the presence of one contaminant, cis-1,2-dichloroethylene, found in groundwater at levels, 10 to 15 ug per liter, higher than the MCL of 6 ug per liter. Groundwater monitoring of six wells surrounding the contaminated zone has continued for this chemical, and other contaminants of concern, since the excavation and extraction were completed. Monitoring of groundwater for the contaminants found at the site will continue, at least annually, until four consecutive quarters do not show their presence at concentrations greater than MCLs.

**11. DTSC Involvement in the Remedial Action:**

**A. Did the Department order the Remedial Action?**

Yes\_\_ No X

Date of Voluntary Cleanup Agreement April 21, 1997

**B. Did the Department review and approve the following plans/procedures?:**

Sampling Analysis Procedures Date May 27, 1997

Health & Safety Protections Date April 16, 1997

Removal/Disposal Procedures Date N/A

Removal Action Plan Date November 7, 1997

Remedial Action Plan Date N/A

Remedial Design Specifications Date November 7, 1997

Completion Report Date February 13, 1998

**C. If site was abated by a responsible party, did the Department receive a signed statement from a licensed professional on all phases of the Remedial Actions?**

Date of statement February 13, 1998

**D. Did a registered engineer or geologist verify that acceptable engineering practices were implemented**



Yes ☒ No ☐ Dates February 13, 1998

**E. Did the Department confirm completion of all Remedial Actions?**

Yes ☒ No ☐ Date of verification December 22, 1998  
(i.e. manifest, sampling, demonstrated installation and operation of treatment)

**F. Did the Department (directly or through a contractor) actually perform the Remedial Action?**

Yes ☐ No ☒ Name of Contractor: \_\_\_\_\_

**G. Was there a public participation plan in place?**

Yes ☒ No ☐

**H. Was a Removal Action Workplan developed for this site?**

Yes ☒ No ☐

**I. Did DTSC hold a public comment period regarding the draft RAW?**

Yes ☒ No ☐

**J. Were public comments addressed?**

Yes ☒ No ☐ Date of DTSC analysis and response: November 7, 1997

**K. Are all of the facts cited above adequately documented in the DTSC files? Yes ☒ No. ☐**

**12. Was the U.S. EPA involved in the site cleanup?**

Yes ☐ No ☒

**13. Other Regulatory Agency Involvement in the Cleanup Action:**

Agency:	Activity:
<input checked="" type="checkbox"/> RWQCB	<u>Provided comments on the RAW</u>
<input type="checkbox"/> ARB	_____
<input type="checkbox"/> CHP	_____
<input type="checkbox"/> CalTrans	_____
<input type="checkbox"/> Other	_____

Name of contact persons and agency: Dean Prat, North Coast Regional Water Quality Control Board

14. Post-Closure Activities:

- A. Will there be post-closure activities at this site? (e.g. Operation and Maintenance) Yes X No

If yes, describe:

Initial quarterly groundwater monitoring for contaminants of concern in the six groundwater monitoring wells for four consecutive quarters. Thereafter, at least annual monitoring of all wells unless or until four consecutive quarters have shown that the contaminants of concern do not exceed MCL drinking water standards. The groundwater monitoring program is described in an Operation & Maintenance Agreement, signed January 28, 1999.

- B. Have post-closure plans been prepared and approved by the Department? Yes X No

- C. Are deed restrictions proposed or in place? Yes    No X

If "yes", have deed restrictions been recorded with the County recorder?  
Yes    No    Date                     

If "no", who is responsible for assuring that the deed restrictions are recorded?                                     

- D. Has cost recovery been initiated? Yes    No X

- E. Were local planning agencies notified of the cleanup action?  
Yes    No X If yes, the name and address of agency:

15. Funding source and amount expended:

   HWCA \$               HSA \$           

16. Problems Encountered Which Caused Major Delays: N/A

17. Accomplishments Unique to this Project:

The remedial action was completed in less than 9 months after discovery of the contamination.

## **SITE CERTIFICATION SYNOPSIS**

**NAME OF SITE:** Simpson Remanufacturing Plant

**ADDRESS OF SITE:** 3315 Foster Avenue, Arcata, California

**DATE PROJECT BEGAN:** January 1997

**DATE PROJECT CERTIFIED:** February 2, 1999

**DESCRIPTION OF SITE AND CONTAMINANTS:** The 209 acre site was operated as redwood remanufacturing plant from the early 1950s until the late 1980s. During that time, surface coatings and preservatives were used. Chemicals used as solvents (including benzene, toluene, xylenes) for surface coatings and in preservatives (pentachlorophenol) were found in the soil and groundwater in a small defined area close to where they were used.

**DESCRIPTION OF REMOVALS AND REMEDIAL ACTIONS:** Approximately 2,654 tons of soil containing solvents, paint residues, and pentachlorophenol were excavated. Excavated soil was transported by truck for disposal at the Forward landfill in Stockton, California. During excavation the pit had to be routinely pumped to remove groundwater. Approximately 1.2 million gallons of groundwater were pumped out, treated with activated carbon, and transported to the Greater Eureka Area Wastewater Treatment Plant.

**DESCRIPTION OF PROBLEMS ENCOUNTERED WHICH CAUSED MAJOR DELAYS:** N/A

**DESCRIPTION OF ACCOMPLISHMENTS UNIQUE TO THIS PROJECT:**  
The site remediation work was completed within 9 months of discovery of contamination.

**FINAL USE OF SITE:** The remediated site covered less than 1 acre of a 209 acre property. Ownership of the whole property is being transferred by Simpson Timber Company to Sun Valley Floral Farms, a Dutch owned company, which occupies an adjacent property. Sun Valley Floral Farms which produces flowers for the national and international cut flower market will use the property to expand its operations..



In the matter of: )

Docket No. HSA 98/99 - 016

Former Simpson Remanufacturing Plant )  
3315 Foster Avenue )  
Arcata, California )

**ENFORCEABLE AGREEMENT**

A Hazardous Waste Site )  
\_\_\_\_\_ )

Health and Safety Code  
Section 25187

**AGREEMENT  
OPERATION AND MAINTENANCE  
FORMER SIMPSON REMANUFACTURING PLANT  
ARCATA, HUMBOLDT COUNTY**

This Agreement is made and entered into, by and between the State Department of Toxic Substances Control ("Department") and Simpson Timber Company, 5151 Highway 101 North, Eureka, ("Respondent"), the site owner.

**WHEREAS:**

1.0. Certain operations and maintenance of the groundwater monitoring system remain to be performed on the former Simpson Remanufacturing Plant, Arcata, for the remediation of groundwater. The Site is currently owned by Simpson Timber. The former Simpson Remanufacturing Plant is located at 3315 Foster Avenue, Arcata, Humboldt County. A Site location map showing the location of the site is attached as Exhibit "A". A map showing the location of the monitoring wells at the south west corner of the property is attached as Exhibit B.

## **AGREEMENT**

2.0 The parties hereto, based upon the foregoing and in exchange for the mutual performances and forbearances described below, agree as follows:

2.1 Implementation of Operation and Maintenance Plan. Respondent shall implement the Department-approved Operation and Maintenance Plan attached hereto as Exhibit "C" for the monitoring of groundwater contamination. The plan requires sampling and analysis for hazardous waste constituents previously found in the groundwater at the site, initially for four quarters for each monitoring well and thereafter not less than three down gradient wells will be monitored annually until four successive quarters indicate that no contaminants are present at concentrations greater than the Maximum Contaminants Levels identified in the California Code of Regulations, Title 22, Division 4, Article 5.5, Part 64444. The Operation and Maintenance System shall be left in place and maintained by Respondent until and except to the extent that the Department authorizes Respondent in writing to discontinue, move or modify some or all of the Operation and Maintenance System because Respondent has met the cleanup goals for the site, or because the modifications would better achieve the cleanup goals, or because the Operation and Maintenance System could not achieve the cleanup goals and other cleanup methods will be implemented or it has been demonstrated that the maximum achievable cleanup has occurred. A table of cleanup levels for the groundwater is attached as Exhibit D.

2.2 Modifications. Respondent shall give the Department at least sixty (60) days advance written notice prior to any proposed modifications, discontinuation or other disruption of the Operation and Maintenance System. The written notice shall be sent by certified mail to the Department at the address set out in Paragraph 7.0 of this Agreement. The written notice to the Department shall include a detailed description of the work to be done or modifications to be made and a map showing the exact location of the proposed work and the reasons for modification, disruption or discontinuation.

2.3 Environmental Monitoring. Respondent shall implement the Operation and Maintenance Plan and reporting requirements approved by the Department. Respondent shall also comply with the inspection, maintenance, and other applicable requirements of other agencies.

2.4 Annual Summary Reports. Respondent shall submit, on an annual basis, a Summary Report of its activities under the provisions of this Agreement. The first year starting July 1, 1998 and ending June 30, 1999. The report shall be received by the Department by the thirtieth (30th) day of the first month after each year ends and shall describe:

- a) Specific actions taken by or on behalf of Respondent during the previous year;
- b) Actions expected to be undertaken during the current year;
- c) All planned activities for the next year;
- d) Any requirements under this Agreement that were not completed;



- e) Any problems or anticipated problems in complying with this Agreement; and
- f) Any data generated under this Agreement, and any significant findings from these data.

2.5 Five Year Review Respondent shall review and reevaluate the remedial action after a period of five (5) years from the completion of the first year of groundwater sampling (July 1, 1998 to June 30, 1999) and every 5 years thereafter. The review and reevaluation shall be conducted pursuant to Section 121 of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 42 U.S.C. 9601 et seq., as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986, Pub. L. 99-499. Within thirty (30) calendar days before the end of the five-year period, Respondent shall submit a remedial action review work plan to the Department for review and approval. Within sixty (60) days of the Department's approval of the work plan, Respondent shall implement the work plan and shall submit a comprehensive report of the results of the remedial action review. The report shall provide the results of all sample analyses, tests and other data generated or received by the Respondent and evaluate the adequacy of the implemented remedy in protecting public health, safety and the environment.

2.6 Emergency Response Action/Notification. In the event of any action or occurrence (such as a fire, earthquake, explosion, or human exposure to hazardous substances caused by the release or threatened release of a hazardous substance) during the course of this

Agreement, Respondent shall immediately take all appropriate action to prevent, abate, or minimize such emergency, release, or immediate threat of release and shall immediately notify the Project Manager. Respondent shall take such action in consultation with the Project Manager and in accordance with all applicable provisions of this Agreement. Within seven (7) days of the onset of such an event, Respondent shall furnish a report to the Department, signed by Respondent's Project Coordinator, setting forth the events which occurred and the measures taken in the response thereto. In the event that Respondent fail to take appropriate response and the Department takes the action instead, Respondent shall be liable to the Department for all costs of the response action. Nothing in this section shall be deemed to limit any other notification requirement to which the Respondent may be subject.

3.0 Obligations of the Department. The Department agrees to review and oversee the measures to be performed by Respondent pursuant to this Agreement.

4.0 Project Coordinator. The responsibilities of the Respondent's Project Coordinator will be to receive and submit all notices, comments, approvals, and other communications from and to the Department. Respondent shall promptly notify the Department of any change in the identity of the Project Coordinator.

5.0 Project Engineer/Geologist. The work performed pursuant to this Agreement shall be under the direction and supervision of a qualified professional engineer or a registered

geologist in the State of California with expertise in hazardous substance site cleanup.

Respondent shall promptly notify the Department of any change in the identity of the Project Engineer/Geologist; and must submit: a) The name and address of the project engineer or geologist chosen by the Respondent; and b) in order to demonstrate expertise in hazardous substance cleanup, the resume of the engineer or geologist, and the statement of qualifications of the consulting firm responsible for the work..

6.0 Quality Control/Quality Assurance (QC/QA). All sampling and analysis conducted by Respondent under this Agreement shall be performed in accordance with QC/QA procedures submitted by Respondent and approved by the Department pursuant to this Agreement.

7.0 Submittals. All submittals and notifications from Respondent that are required by this Agreement, shall be sent to:

Barbara J. Cook, P.E., Branch Chief  
Attn: Derek Whitworth  
Northern California Coastal Cleanup Operations Branch  
Department of Toxic Substances Control  
700 Heinz Avenue Suite 200  
Berkeley, California 94710

Lee A. Michlin, Executive Officer  
Attn Dean Pratt  
Regional Water Quality Control Board  
5550 Skylane Blvd., Suite A  
Santa Rosa, CA 95403

8.0. Communications. All approvals and decisions of the Department made regarding submittals and notifications will be communicated to Respondent in writing by the Northern California Coastal Cleanup Operations Branch Chief, Department of Toxic Substances Control, or his/her designee. Confirmation of a designation shall be provided in writing by the Department in order to validate any approvals or decisions made by a Branch Chief's designee. No informal advice, guidance, suggestions or comments by the Department regarding reports, plans, specifications, schedules or any other writings by Respondent shall be construed to relieve Respondent of the obligations to obtain such formal approvals as may be required.

9.0 Department Review and Approval. (a) If the Department determines that any report, plan, schedule or other document submitted to the Department for approval pursuant to this Agreement fails to comply with this Agreement or fails to protect public health or safety or the environment, the Department may: (1) modify the document as deemed necessary and approve the document as modified; or (2) return comments to Respondent with recommended changes and a date by which Respondent must submit to the Department a revised document incorporating the recommended changes. (b) Any modifications, comments or other directive issued pursuant to (a) above, are incorporated into this Agreement. Any noncompliance with these modifications or directives shall be deemed a failure or refusal to comply with this Agreement.

10.0 Stop Work Order. In the event that the Department determines that any activity

(whether or not pursued in compliance with this Agreement) may pose an imminent or substantial endangerment to the health or safety of people on the Site or in the surrounding area or to the environment, the Department may order Respondent to stop further implementation of this Agreement for such period of time needed to abate the endangerment. In the event that the Department determines that any activities (whether or not pursued in compliance with this Agreement) are proceeding without Department authorization, the Department may order Respondent to stop further implementation of this Agreement or activities for such period of time needed to obtain Department authorization, if such authorization is appropriate. Any deadline in this Agreement directly affected by a Stop Work Order, under this section, shall be extended for the term of the Stop Work Order.

11.0 Department Required Modifications. The Department may require modification, replacement, or additions to remediation facilities if those facilities are not achieving remediation objectives or protecting public health, safety or the environment, including those identified in the Removal Action Workplan. The Department may require additional evaluations, designs and the construction and operation of facilities to achieve these objectives.

12.0 Compliance with Applicable Laws. Respondent shall carry out this Agreement in compliance with all applicable local, state, and federal requirements, including, but not limited to, requirements to obtain permits and to assure worker safety.



13.0 Respondent Liabilities. Nothing in this Agreement shall constitute or be construed as a satisfaction or release from liability for any conditions or claims arising as a result of past, current or future operations of Respondent. Nothing in this Agreement is intended or shall be construed to limit the rights of any of the parties with respect to claims arising out of or relating to the deposit or disposal at any other location of substances removed from the Site. Nothing in this Agreement is intended or shall be construed to limit or preclude the Department from taking any action authorized by law to protect public health or safety or the environment and recovering the cost thereof. Notwithstanding compliance with the terms of this Agreement, Respondent may be required to take further actions as are necessary to protect public health and the environment.

14.0 Site Access. Access to the Site shall be provided at all reasonable times to employees, contractors and consultants of the Department. Nothing in this paragraph is intended or shall be construed to limit in any way the right of entry or inspection that the Department or any other agency may otherwise have by operation of any law. The Department and its authorized representatives shall have the authority to enter and move freely at the Site at all reasonable times for purposes including, but not limited to: inspecting records, operating logs, sampling and analytical data, and contracts relating to the Site; reviewing the progress of Respondent in carrying out the terms of this Agreement; conducting such tests as the Department may deem necessary; and verifying the data to the Department by Respondent. Respondent shall ensure that no conveyance of title, easement or other interest in the property shall be executed or consummated without incorporating the continued right of entry by the Department.

15.0 Sampling, Data and Document Availability. Respondent shall permit the Department and its authorized representatives to inspect and copy all sampling, testing, monitoring or other data generated by Respondent or on Respondent's behalf in any way pertaining to work undertaken pursuant to this Agreement. Respondent shall submit all such data upon request of the Department. Respondent shall inform the Department at least seven (7) days in advance of all field sampling under this Agreement, and shall allow the Department and its authorized representatives to take duplicates of any samples collected by Respondent pursuant to this Agreement. Respondent shall maintain a central repository of the data, reports, and other documents prepared pursuant to this Agreement.

16.0 Record Retention. All such data, reports and other documents shall be preserved by Respondent for a minimum of ten (10) years after the conclusion of all activities under this Agreement. If the Department requests that some or all of these documents be preserved for a longer period of time, Respondent shall either comply with that request or deliver the documents to the Department, or permit the Department to copy the documents prior to destruction. Respondent shall notify the Department in writing at least six (6) months prior to destroying any documents prepared pursuant to this Agreement.

17.0 Government Liabilities. The State of California shall not be liable for any injuries or damages to persons or property resulting from acts or omissions by Respondent, or related parties specified in paragraph 27.0, Parties Bound, in carrying out activities pursuant to this

Agreement, nor shall the State of California be held as a party to any contract entered into by Respondent or its agents in carrying out activities pursuant to this Agreement.

18.0 Additional Actions. By entering into this Agreement, the Department does not waive the right to take any further actions authorized by law.

19.0 Extension Requests. If Respondent is unable to perform any activity or submit any document within the time required under this Agreement, Respondent may, prior to expiration of the time, request an extension of the time in writing. The extension request shall include a justification for the delay. All such requests shall be in advance of the date on which the activity or document is due.

20.0 Extension Approvals. If the Department determines that good cause exists for an extension, it will grant the request and specify a new schedule in writing. Respondent shall comply with the new schedule, which is incorporated in this Agreement.

21.0 Financial Assurance. Within 30 days of the effective date of this Agreement, respondent shall obtain a surety bond in the amount of \$36,000 to guarantee implementation of the Operation and Maintenance Plan, conduct of the five-year review as outlined in paragraph 3.5 hereof and pay cost as outlined in paragraph 24.0 hereof. The surety bond shall meet the

requirements set forth in Title 22 of the California Code of Regulation Section 66264.140, 35 seq. Proof that said surety bond has been obtained shall be provided to the Department within forty five (45) days of the effective date of this Agreement.

22.0 Cost Recovery. Respondent is liable for all of the Department's past and future costs incurred in responding to the contamination at the Site, including costs of overseeing response work performed by Respondent. Cost recovery may also be pursued by the Department under CERCLA, Health and Safety Code Section 25360, or any other applicable state or federal statute or common law. The Department will invoice Respondent for the Department's costs on a quarterly basis.

23.0 Severability. The requirements of this Agreement are severable, and Respondent shall comply with each and every provision hereof notwithstanding the effectiveness of any other provisions.

24.0 Incorporation of Plans, Schedules and Reports. All plans, schedules, reports, specifications and other documents that are submitted by Respondent pursuant to this Agreement are incorporated in this Agreement upon the Department's approval or as modified pursuant to Paragraph 11.0, Department Review and Approval, and shall be implemented by Respondent. Any noncompliance with the documents incorporated in this Agreement shall be deemed a

failure or refusal to comply with this Agreement.

25.0 Modification and Termination. Respondent may, upon written request, seek modification or termination of this Agreement at any time. This Agreement may be modified or terminated by mutual written agreement of the parties at any time.

26.0 Time Periods. Unless otherwise specified, time periods begin from the effective date of this Agreement and "days" means calendar days.

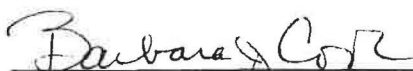
27.0 Parties Bound. This Agreement applies to and is binding upon Respondent and its officers, directors, agents, employees, contractors, consultants, receivers, trustees, successors and assignees, including but not limited to individuals, partners, and subsidiary and parent corporations, and upon the Department and any successor agency of the State of California that may have responsibility for and jurisdiction over the subject matter of this Agreement.

28.0 Effective Date: The effective date of this Agreement is the date of signature by the Department's authorized representative.

29.0 Representative Authority. Each undersigned representative of the parties to this Agreement certifies that she or he is fully authorized to enter into the terms and conditions of this

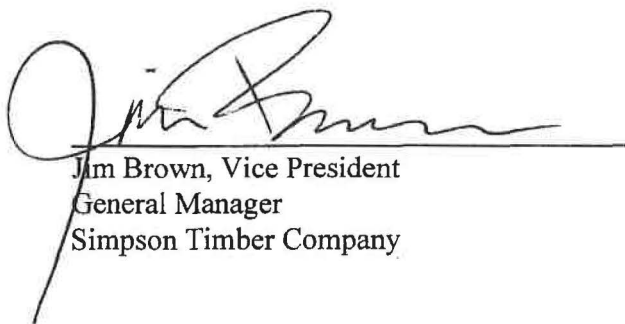


Agreement and to execute and legally bind the parties to this Agreement.



Barbara J. Cook, P.E., Chief  
Northern California -Coastal Cleanup Operations Branch  
Department of Toxic Substances Control

1/28/99  
Date

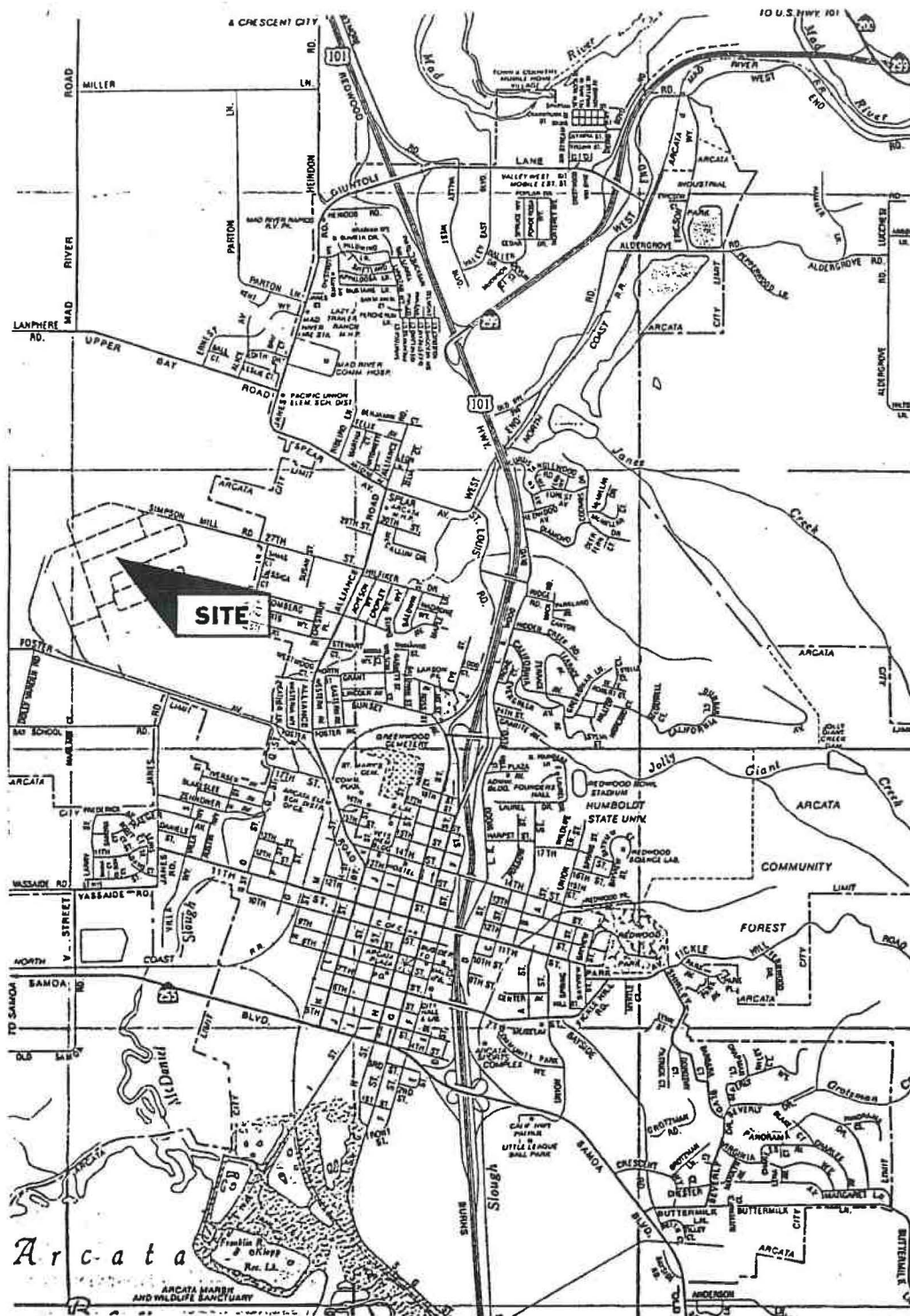


Jim Brown, Vice President  
General Manager  
Simpson Timber Company

1/18/99  
Date

Operation and Maintenance Agreement  
Former Simpson Remanufacturing Plant, Arcata

**EXHIBIT A**  
**SITE MAP SHOWING SITE LOCATION**



**EnviroNet**   
**CONSULTING**

**SITE LOCATION MAP**  
 Simpson Redwood Company  
 Arcata, California

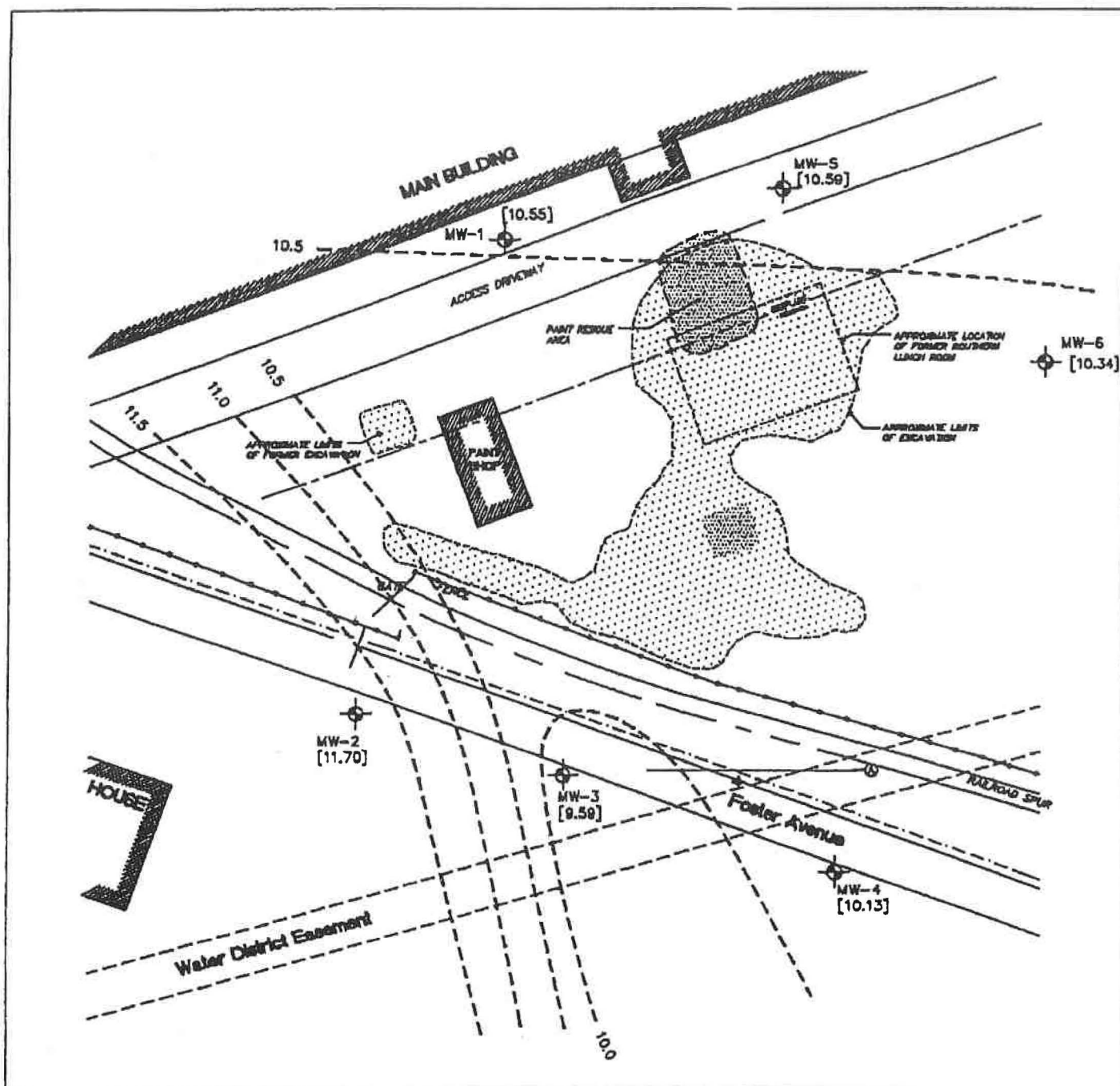
PLATE  
**1**

DRAWN BY: WA	DWG NAME: 71021-1	APPROVED BY: GSJ	JOB NUMBER: 7102.1	REVISIONS:	DATE: 8/7/97
-----------------	----------------------	---------------------	-----------------------	------------	-----------------

## **EXHIBIT B**

# **SITE MAP SHOWING LOCATION OF GROUNDWATER MONITORING WELLS**





### GROUNDWATER FLOW LEGEND

Estimated Groundwater Gradient Direction (Interval = 1 ft)

(A)

Identifier Tag	Date	Est Flow Direction	Gradient Slope
(A)	12/5/97	Due East	$I = 0.017$
(B)	3/10/98	-----	-----
(C)	5/7/98	-----	-----

### LEGEND

MW-1 [xx.xx] Monitoring Well Location  
Groundwater Elevation (in feet)  
Ground water elevations are in feet above mean sea level (National Geodetic Vertical Datum, 1929).

Approximate Area of Excavation

0 30' 60'



# EnviroNet



## CONSULTING

### PARTIAL SITE PLAN

Groundwater Flow Direction and Gradient - 6/7/98

SIMPSON REDWOOD COMPANY  
Arcata, California

PLATE

2

DRAWN BY:  
A. EJ

DWC NAME:  
71021586

APPROVED BY:  
CC

JOB NUMBER:  
71021

REVISIONS:

DATE:  
6/7/98



Operation and Maintenance Agreement  
Former Simpson Remanufacturing Plant, Arcata

# **EXHIBIT C**

## **OPERATION AND MAINTENANCE PLAN**



**Operation and Maintenance Plan - Groundwater Monitoring Program  
Former Simpson Remanufacturing Plant, Foster Avenue, Arcata, California**

The site is located at 3315 Foster Avenue in Arcata, California (Plate 1, attached). During the summer and fall of 1997 investigation and remedial work was performed at the site. In an area south of the main building, extensive excavation and de-watering was conducted to remove soil which had been contaminated by disposal of paint, solvents, and the wood preservative, pentachlorophenol.

All contaminated soils from this area were disposed at a permitted landfill. On December 2 and 3, 1997, after completion of the excavation work, four monitoring wells, MW-1, MW-2, MW-3, and MW-4, were installed around the excavated area. The wells were monitored and sampled on December 5, 1997 and March 10, 1998. Groundwater gradients and direction of groundwater flow could not be determined from the data gathered during these sampling events. On May 26, 1998, two more monitoring wells, MW-5 and MW-6, were installed so that the groundwater on all sides of the excavated area could be monitored. Well locations are shown on Plate 2, attached.

Depths to groundwater are being measured and samples of groundwater are being collected from all these wells on a quarterly cycle (June, September, December, and March), following EnviroNet's Standard Soil and Water Sampling Procedures and QA/QC Protocol, attached. The first sampling event was conducted on December 5, 1997. The groundwater is being analyzed by EPA Methods 8260 and 8270 to detect the contaminants which were found at the site before excavation. Method 8270 Acid Fraction Components tests for phenol derivatives including pentachlorophenol, the preservative used at the site and found in the soil and groundwater before the remedial work was performed. Method 8260 tests for volatile hydrocarbons including cis-1,2,-dichloroethene, xylenes, and benzene, which were also found in the soil and groundwater before the remedial work was conducted..

Monitoring and sampling of all six wells is being conducted on a quarterly basis. If the analyses of groundwater samples taken over four consecutive quarters indicate the absence of either 8270 or 8260 analytes at concentrations above Maximum Contaminant Levels (MCLs) (Table, Cleanup Levels for Contaminants, attached) then this shall be considered as evidence that there is no impact on, nor threat to, groundwater from the remediation zone and the monitoring for these contaminants will be terminated.

If the groundwater samples show the presence of either 8270 or 8260 analytes at concentrations above MCLs (Table, attached) then monitoring and sampling will be continued on an annual basis as follows.

The first annual cycle of quarterly monitoring will be completed in March, 1999. Thereafter annual samples will be collected in June in the year 1999 and in June in subsequent years thereafter.

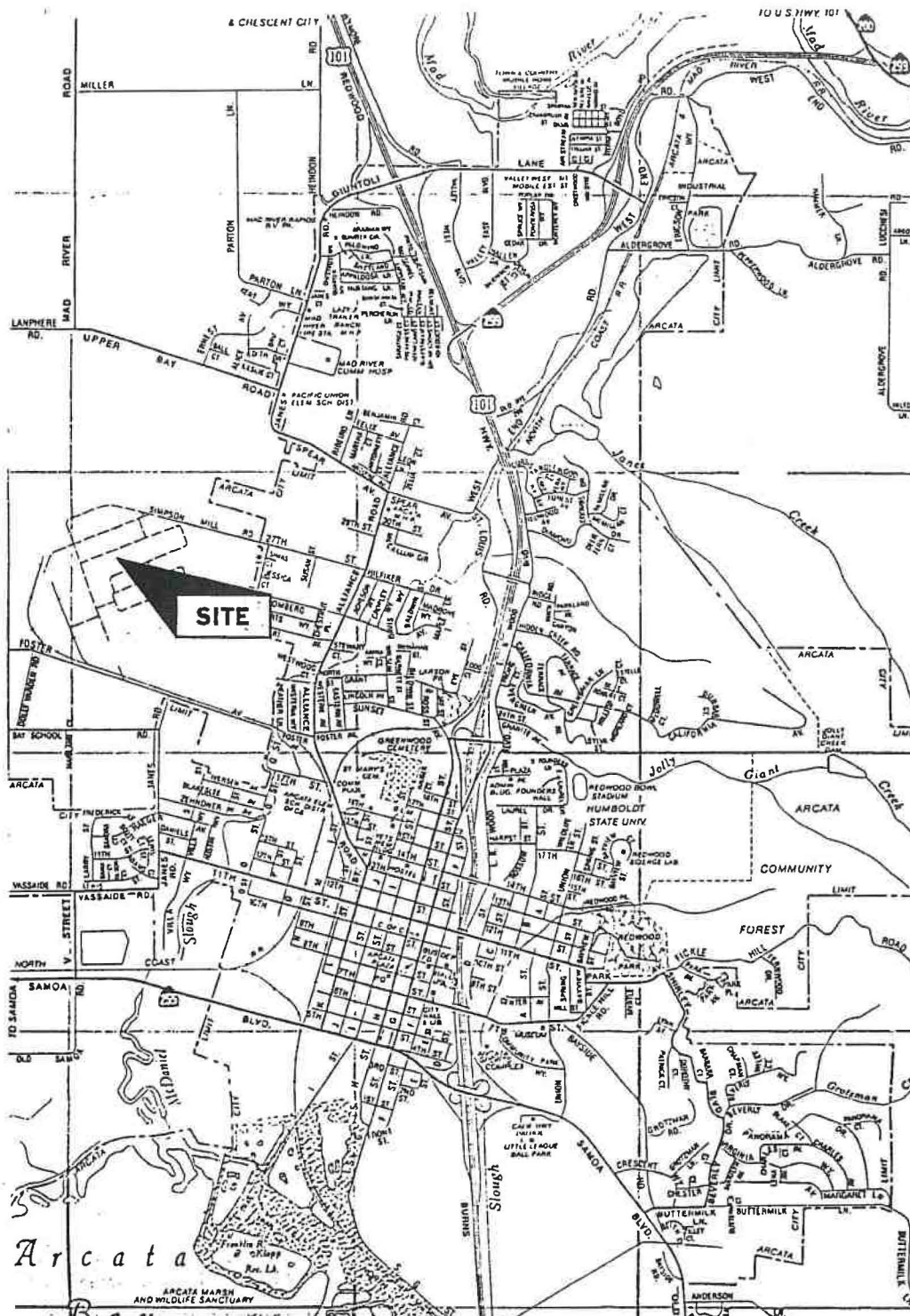
If the annual monitoring indicates no 8260 or 8270 analytes in the groundwater at concentrations above MCLs (Table, attached) and this finding is confirmed by a total of four consecutive quarters of sampling and analysis, then groundwater monitoring will be terminated.

Within 12 months of termination of the groundwater monitoring program, with the consent of the Department of Toxic Substances Control and the North Coast Regional Water Quality Control Board, all six monitoring wells shall be properly abandoned.

Attachments:

Plate 1: Site Location Map  
Plate 2: Partial Site Plan with Monitoring Well Locations  
Table: Cleanup Levels for Contaminants  
Standard Soil and Water Sampling Procedures and QA/QC Protocol



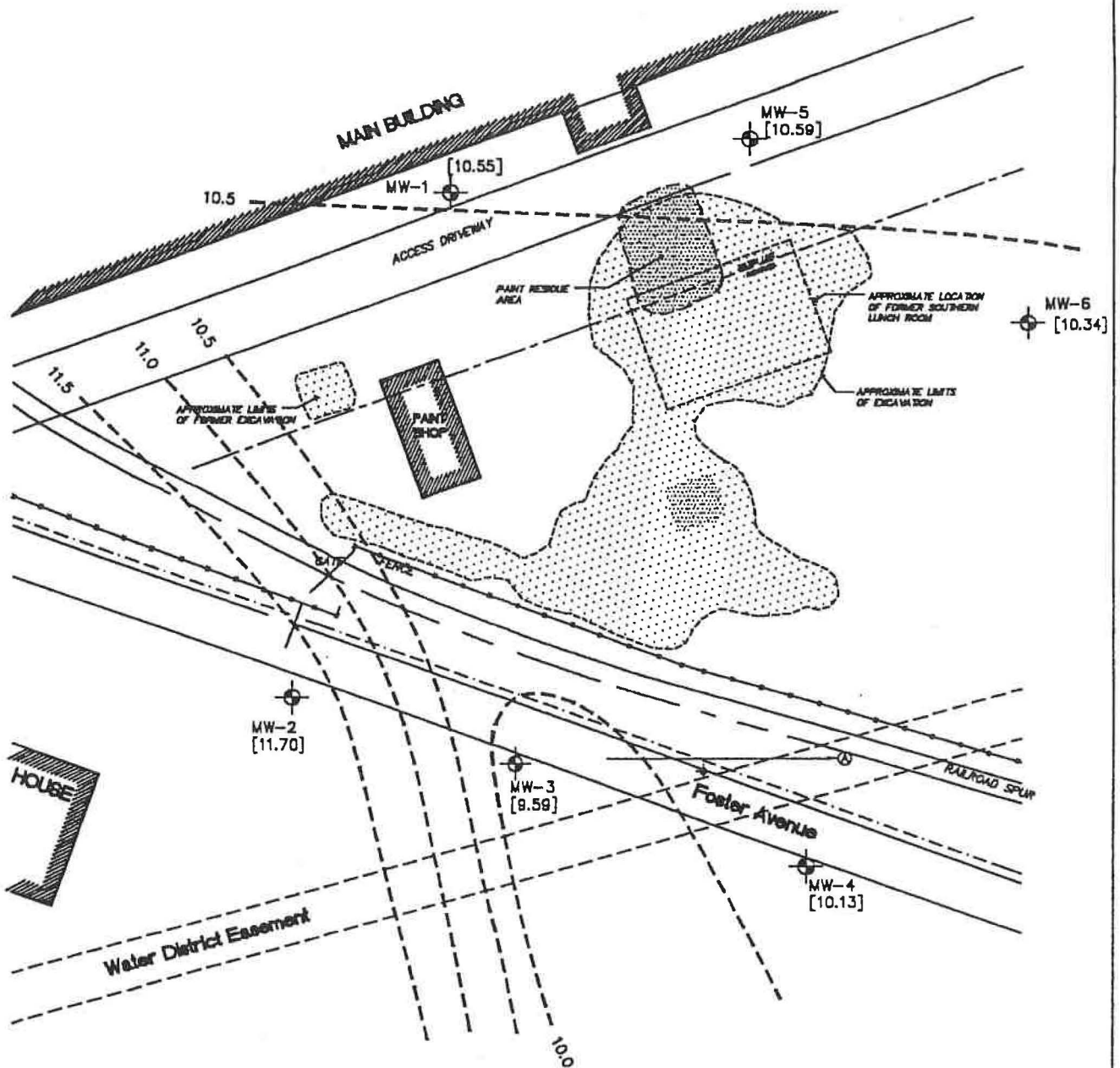


**EnviroNet**   
CONSULTING

**SITE LOCATION MAP**  
Simpson Redwood Company  
Arcata, California

PLATE  
1

DRAWN BY: WA	DWG NAME: 71021-1	APPROVED BY: GSJ	JOB NUMBER: 7102.1	REVISIONS:	DATE: 8/7/97
-----------------	----------------------	---------------------	-----------------------	------------	-----------------



# GROUNDWATER FLOW LEGEND

Estimated Groundwater Gradient Direction (Interval = 1 ft)

Identifier Tag	Date	Est Flow Direction	Gradient Slope
(A)	12/5/97	Due East	$I = 0.017$
(B)	3/10/98	-----	-----
(C)	6/7/98	-----	-----

# LEGEND

MW-1 [XX.XX] Monitoring Well Location  
Groundwater Elevation (in feet)  
Ground water elevations are in feet above mean sea level (National Geodetic Vertical Datum, 1929).

Approximate Area of Excavation

0 30' 60'



**EnviroNet**

CONSULTING

**PARTIAL SITE PLAN**  
Groundwater Flow Direction and Gradient - 6/7/98

**SIMPSON REDWOOD COMPANY**  
Arcata, California

PLATE  
2

DRAWN BY: AJH	DWG NAME: 710216B6	APPROVED BY: GSJ	JOB NUMBER: 7102.1	REVISIONS:	DATE: 9/7/98
------------------	-----------------------	---------------------	-----------------------	------------	-----------------



**Table: Cleanup Levels for Contaminants**

Contaminant	MCL ug/L public drinking water standard	PRG ug/L risk based screening level for tap water
pentachlorophenol	1	0.6
benzene	1	0.4
xlenes	1750	1400
cis-1,2-dichloroethene	6	61

### **MCL**

California Code of Regulations, Title 22, Division 4, Chapter 15 Domestic Water Quality and Monitoring, Article 5.5 Primary Standards Organic Chemicals, Section 64444 Maximum Contaminant Levels (MCLs) - Organic Chemicals, Table 64444-A.

### **PRGs**

U.S. EPA Region 9 Preliminary Remediation Goals, Published July 1998  
found at <http://www.epa.gov/region09/>, scroll to, and click on, "Solid and Hazardous Waste Programs" followed by Preliminary Remediation Goals.

PRGs are risk-based values for evaluating and cleaning up contaminated sites using "standard" exposure factors yielding a one in a million cancer risk (for carcinogens).

**STANDARD  
SOIL AND WATER SAMPLING PROCEDURES  
AND QA/QC PROTOCOL**

**ENVIRONET CONSULTING**

---

## **STANDARD SOIL SAMPLING PROCEDURES**

The following outline describes the standard equipment and procedures used by EnviroNet personnel for the collection of soil samples for laboratory analysis.

### **Equipment**

Modified California split-spoon drive sampler (Drill rig sampling);  
Drive sampler (hand auger samples);  
2.0-Inch brass or stainless steel liners and sealing materials (plastic end-caps, foil)  
PID organic vapor analyzer (OVA) or equivalent Field Detector;

Sampler and Sample Container Cleaning Equipment:

Stiff-bristle brushes  
Buckets  
Trisodium phosphate (soap) (TSP)  
Deionized/potable water

Insulated sample storage and shipping containers (ice chests) and blue ice;  
Personal protective equipment (generally level D protection).

### **General Sampling Procedures**

Soil samples are collected in accordance with regulatory guidance. Soil sampling procedures are updated as new guidance is provided by the regulatory agencies.

Soil samples are collected in such a manner as to minimize the volatilization or oxidation of the samples, if necessary, due to agitation/mixing upon handling.

Sampling equipment (i.e., metal tubes, auger bits, sampling devices) are pre-washed as necessary with a brush in a dilute solution of Tri-Sodium Phosphate, followed by rinsing with distilled water prior to each sampling event. Samples are collected in such a manner as to minimize the volatilization or oxidation of the samples due to agitation and/or mixing upon handling.

Soil samples collected by hand auguring for lithologic logging, and chemical and physical analyses are typically obtained by pounding the sample tube into the soil being tested. If an auger hole is drilled, samples are either collected of the auger cuttings or a drive sampler is driven approximately eight inches below the depth of the auger bit. The sampling methodology is determined on a case-by-case basis depending on the suspected contaminant(s).

Soil samples collected from a backhoe bucket or ramped, or otherwise accessible, pit or excavation are collected by removing excess material to expose as fresh as possible soil. The two inch sampling tube is then pushed into the soil until the tube is full.

When utilizing the split spoon sampler with a drill rig, the portions of the soil sample recovered in additional tubes are also examined and noted for any contamination and/or changes in lithology.

The soils, when required, are classified in accordance with the Unified Soil Classification System (USCS). Sample tube ends are wrapped with aluminum foil and capped with plastic end caps, stored in a cooler (4° C), and transported to a State Certified Analytical Laboratory. If overnight storage is required prior to transportation to the laboratory, the samples are stored in a secure refrigerator prior to transport to the laboratory.

All sample containers are labeled in the field. The sample labels and/or the Chain-of-Custody document will contain the following information.

- Sample identification number
- Project number
- Project name
- Name and affiliation of sampler
- Date and time of collection
- Depth of soil samples - Stratigraphic position of soil samples (where applicable)
- Required analyses

Chain-of-Custody documents are completed in the field and accompany the samples to the laboratory.

### **Stockpile Sampling**

Discreet samples from thin stockpiles are collected in brass or stainless steel tubes, by removing six inches to one foot of soil and driving the brass or stainless steel tube into the stockpile. Soil samples are collected from thick stockpiles containing volatile contaminants by either augering or otherwise excavating approximately one third to one half way into the pile and then driving the sampling tube into the soil in the hole or collecting a sample from the backhoe bucket. Surface or near surface samples will be collected from homogenized stockpiles containing non-volatile contaminants such as metals, motor oil, oil and grease.

For final verification characterization, discreet soil samples will be collected at intervals required by regulation, or the lead regulator for the disposal or treatment option selected.



## STANDARD GROUNDWATER SAMPLING PROCEDURES

The following outline describes the standard equipment and procedures which are used by EnviroNet personnel for the collection of groundwater samples for laboratory analysis.

### Monitoring Well Sampling

Groundwater sampling and evaluation of monitored wells begins by removal of the caps and measuring water levels with a water indicator. The fluid in the well then be examined for the presence of free product. If free product is present in a well, its thickness will be measured using paste tape or an interface probe. A program of free product removal may be initiated. A groundwater sample will not be collected from any well with free floating product unless directed to do so by the regulatory agency. All monitoring wells will be checked for free product until authorization has been received from the lead regulatory agency that checking for free product is no longer necessary.

If free product is not present in the well being monitored, the well will be purged, with pH, conductivity, and temperature measurements being made after every wellbore volume or one to two gallons of water extracted from the well, whichever volume is smaller. This process will continue until the parameters being measured (pH, conductivity, and temperature) have stabilized, thus indicating that fresh formation water is entering the wellbore for sampling.

Once a well has been adequately purged, a groundwater sample will be collected using a disposable or pre-cleaned bailer. The groundwater sample will be collected from the well in containers appropriate to the analyses being conducted. As examples, one liter amber bottles will be used for diesel/motor oil/kerosene and oil and grease analyses, and VOA vials will be used for gasoline BTEX, 8010, 8240, and 8260 analyses.

All collected groundwater samples will be stored in an ice chest on blue ice and transported under Chain-of-Custody documentation. The samples will either be transported directly to the analytical laboratory on the day of collection, delivered to the laboratory courier on the day of collection, or will be returned to EnviroNet's office where they will be stored in a secure refrigerator and then delivered to a State certified laboratory or a laboratory courier. Sample storage will not exceed 72 hours before delivery of the samples to either the laboratory or the laboratory courier. Soil samples with a longer holding time such as metals may be stored for a longer period of time before delivery to the laboratory.

All purged fluid will be stored on-site in DOT 55 gallon drums pending analysis. The drums and the fluid in the drums will be exclusive property and responsibility of the responsible party. EnviroNet will typically sample the drums and arrange for disposal at the appropriate time.



### **Grab Water Samples**

Grab water samples may be collected from the pits, borings, Hydropunch® holes, creeks, ponds, and any other bodies or containers of water. If the water sample can be safely collected by hand, it will be, otherwise, a disposable bailer will be used to collect the sample.

All collected grab water samples will be stored on ice and transported under Chain-of-Custody documentation. The samples will either be delivered directly to the analytical laboratory or the analytical laboratory courier on the day of the collection, or will be returned to EnviroNet's office where they will be stored in a secure refrigerator of a maximum of 72 hours, and then delivered to a State Certified Laboratory or the laboratory courier.

Typically, no purge water will be generated during grab water sampling. Should purging occur, the purge water will be stored on-site in either a DOT 55 gallon drum, or other appropriate tank pending analysis. Industry standards are that drums and all produced water are the exclusive property and responsibility of the responsible party. EnviroNet will typically sample such containers and arrange for disposal at the appropriate time.

### **Sample Handling-QA/QC Elements**

#### **Sample Handling**

The elapsed time between sample collection and delivery to the laboratory or the laboratory courier will not exceed 72 hours. Under no circumstances will sealed sample containers be opened by anyone other than laboratory personnel who will perform the requested analyses.

#### **Chain-of-Custody**

In order to document and trace sample possession from time of collection, a Chain-of-Custody record will be filled out by the sampler for each sample collected. The Chain-of-Custody document will accompany the sample(s) through laboratory analysis. The completed Chain-of-Custody record for each sample will be included in the analytical report from the laboratory.

#### **Blanks**

Blanks will be used or collected as part of the sampling program at the discretion of the project manager. Trip and/or field blanks will be supplied and analyzed along with the samples, at the discretion of the project manager.

Any deviation from standard sampling procedures and QA/QC protocol for either soil or water samples will be noted and fully explained in the sampling report.

# **EXHIBIT D**

## **CONTAMINANT CLEANUP LEVELS**

## Exhibit D: Cleanup levels for contaminants

Contaminant	MCL ug/l, public drinking water standard	PRG ug/l, risk based screening level for tap water
Pentachlorophenol	1	0.6
benzene	1	0.4
xylene	1750	1400
cis-1,2-dichloroethene	6	61

### MCL

California Code of Regulations, Title 22, Division 4, Chapter 15 Domestic Water Quality and Monitoring, Article 5.5 Primary Standards Organic Chemicals, Section 64444 Maximum Contaminant Levels (MCLs) - Organic Chemicals, Table 64444-A.

### PRGs:

U.S. EPA Region 9 Preliminary Remediation Goals, Published July 1998

found at <http://www.epa.gov/region09/>, scroll to, and click on, "Solid and Hazardous Waste Programs" followed by Preliminary Remediation Goals.

PRGs are risk-based values for evaluating and cleaning up contaminated sites using "standard" exposure factors yielding a one in a million cancer risk (for carcinogens).



# **2013 Annual Groundwater Monitoring Report**

**Former Simpson Remanufacturing Facility  
Arcata, California**

Prepared for:

**Simpson Timber Company**

 **Consulting Engineers & Geologists, Inc.**

---

812 W. Wabash Ave.  
Eureka, CA 95501-2138  
707-441-8855

June 2013  
003154



**CONSULTING ENGINEERS & GEOLOGISTS, INC.**

812 W. Wabash • Eureka, CA 95501-2138 • 707-441-8855 • FAX: 707-441-8877 • shninfo@shn-engr.com

Reference: 003154

June 10, 2013

Mr. Charles Gribble  
Department of Toxic Substances Control  
Brownfield and Environmental Restoration Program  
700 Heinz Ave.  
Berkeley, CA 94710-2721

**Subject: 2013 Annual Groundwater Monitoring Report, Former Simpson  
Remanufacturing Facility, Arcata, California**

Dear Mr. Gribble:

SHN Consulting Engineers & Geologists, Inc. (SHN) is providing you with this 2013 annual groundwater monitoring report for the former Simpson Remanufacturing facility. SHN performed groundwater monitoring on October 18, 2012 and April 11, 2013, on behalf of Simpson Timber Company.

If you have any questions please call me at 707-441-8855.

Sincerely,

**SHN Consulting Engineers & Geologists, Inc.**

A handwritten signature in blue ink that reads 'Roland Rueber'. The signature is cursive and fluid.

Roland Rueber, PG  
Project Manager

RMR:

Enclosure: Report  
c. w/encl.: Robert Dickerson, RWQCB  
Betsy Stauffer, Simpson Timber Company (email)  
Lane Devries, Sun Valley Floral Farms



**2013 Annual  
Groundwater Monitoring Report  
Former Simpson Remanufacturing Facility  
Arcata, California**

Prepared for:

**Simpson Timber Company**



Prepared by:



Consulting Engineers & Geologists, Inc.  
812 W. Wabash Ave.  
Eureka, CA 95501-2138  
707-441-8855

June 2013

QA/QC: MEL\_\_

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## Abbreviations and Acronyms

<	"less than" the stated method reporting limit
mg/L	milligrams per Liter
mV	millivolts
ug/L	micrograms per Liter
DCE	dichloroethene
DCO <sub>2</sub>	dissolved carbon dioxide
DO	dissolved oxygen
DTSC	California Department of Toxic Substances Control
Dup	duplicate sample
EC	electrical conductivity
EPA	U.S. Environmental Protection Agency
MRP	Monitoring and Reporting Program
MW-#	monitoring well-#
ND	not detected
NGVD29	National Geodetic Vertical Datum 1929
NS	not sampled
ORP	oxidation-reduction potential
RWQCB	North Coast Regional Water Quality Control Board
SHN	SHN Consulting Engineers & Geologists, Inc.
USGS	United States Geological Survey
WQO	water quality objective
VOCs	volatile organic compounds

## **1.0 Introduction**

This report presents the results of groundwater monitoring activities conducted at the former Simpson Remanufacturing facility in October 2012 and April 2013. The site is located at 3315 Foster Avenue in Arcata, California (Figure 1). SHN Consulting Engineers & Geologists, Inc. (SHN) performed this work on behalf of Simpson Timber Company. This work was requested by the California Department of Toxic Substances Control (DTSC) and the North Coast Regional Water Quality Control Board (RWQCB). The groundwater monitoring was performed in accordance with RWQCB Monitoring and Reporting Program (MRP) No. R1-2011-0074 (included in Appendix A), which replaced MRP No. R1-2008-0034. A site plan is included as Figure 2.

## **2.0 Field Activities**

### **2.1 Monitoring Well Sampling**

SHN conducted groundwater monitoring on October 18, 2012 and April 11, 2013. As part of the monitoring program, monitoring wells MW-2, MW-3, MW-4, and MW-7 were purged and sampled. Prior to purging, all site-monitoring wells were measured for depth-to-water and checked for the presence of floating product (none was observed).

Electrical conductivity (EC), pH, and temperature were monitored periodically during purging activities using portable instrumentation. Wells MW-2, MW-3, MW-4, and MW-7 were also measured for dissolved oxygen (DO), oxidation-reduction potential (ORP), and dissolved carbon dioxide (DCO<sub>2</sub>).

A groundwater sample was collected from each purged well using a disposable polyethylene bailer. The water samples were put into laboratory-supplied containers, immediately placed in an ice-filled cooler, and submitted to the laboratory for analysis under appropriate chain-of-custody documentation. Groundwater monitoring data sheets are included in Appendix A.

### **2.2 Laboratory Analysis**

Each groundwater sample was analyzed for volatile organic compounds (VOCs) in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8260B.

The groundwater samples were submitted to North Coast Laboratories, Ltd., a state-certified analytical laboratory located in Arcata, California, for analysis.

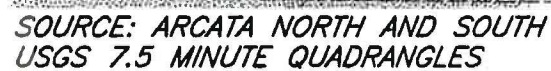
### **2.3 Equipment Decontamination Procedures**

All monitoring and sampling equipment was cleaned prior to being transported to the site. All smaller equipment was cleaned using the triple wash system. The equipment was initially washed in a water solution containing Liquinox® cleaner, followed by two distilled water rinses.

### **2.4 Investigation-Derived Waste Management**

All wastewater generated during decontamination of field-sampling equipment and the well purge water was temporarily stored onsite in 5-gallon buckets. The water was then transported to SHN's 350-gallon purge water storage tank, located at 812 West Wabash Avenue in Eureka, California.





**SHW**  
Consulting Engineers  
& Geologists, Inc.

Simpson Timber Company  
Former Remanufacturing Facility  
Arcata, California

November 2009

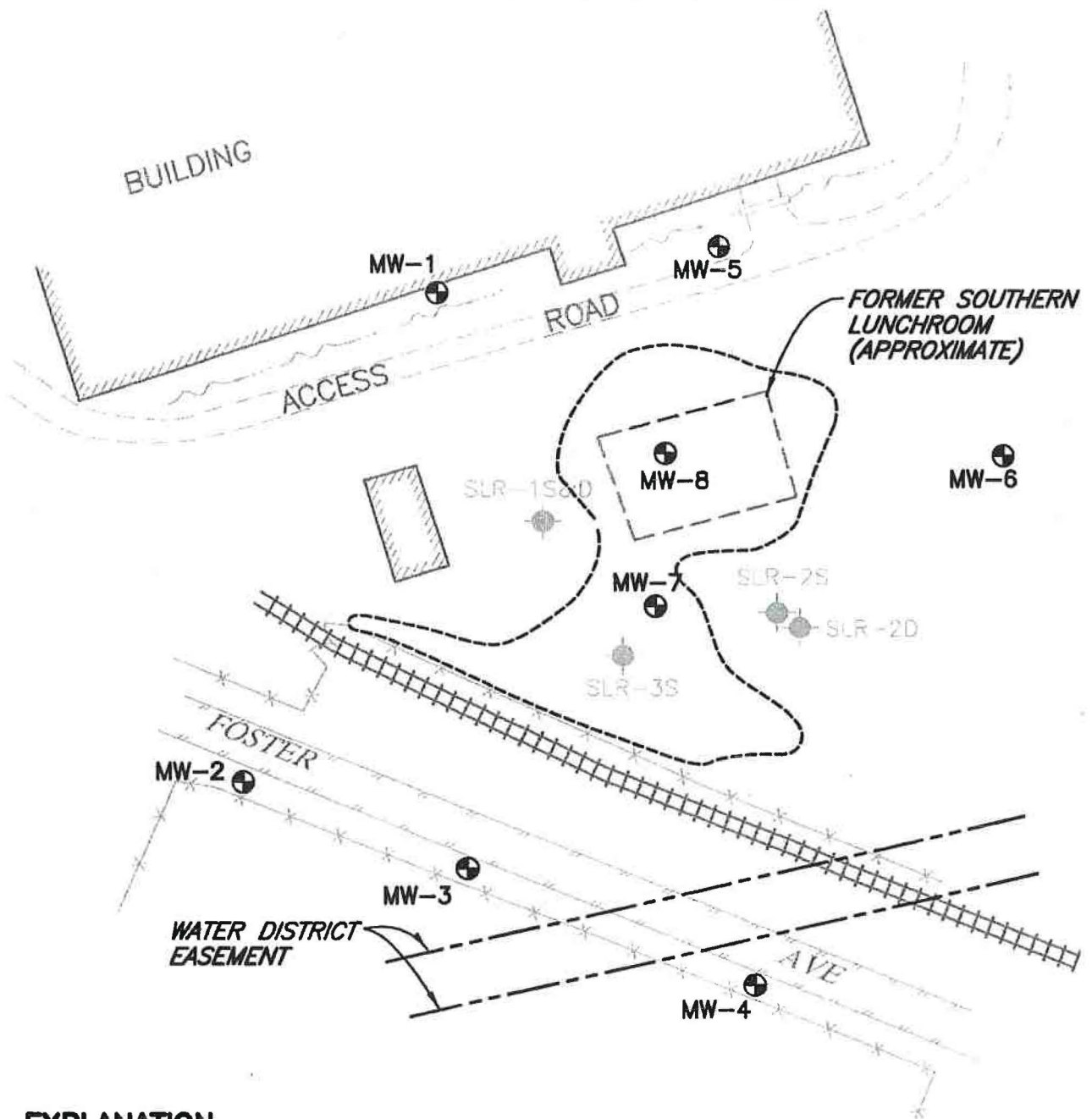
003154-AF-1

Site Location Map

SHN 003154

Figure 1

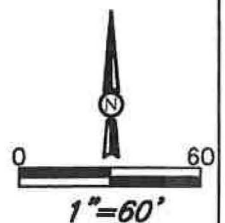




## EXPLANATION

- |       |   |       |                                  |
|-------|---|-------|----------------------------------|
| MW-2  | <b>MONITORING WELL</b>                        | -x-x- | <b>EXISTING FENCE</b>            |
| +     | <b>LOCATION AND DESIGNATION</b>               |       | <b>EXISTING RAILROAD TRACKS</b>  |
| SLR-1 | <b>SOIL BORING/WELL POINT</b>                 | - - - | <b>EXISTING SURFACE DRAINAGE</b> |
| •     | <b>LOCATION AND DESIGNATION</b>               |       | <b>SHALLOW BORING</b>            |
|       | <b>(SHN, JANUARY 2004 SITE INVESTIGATION)</b> |       | <b>DEEP BORING</b>               |
|       | <b>EXISTING STRUCTURE</b>                     |       |                                  |
|       | <b>APPROXIMATE EXCAVATION EXTENTS</b>         |       |                                  |

**NOTE: ALL LOCATIONS APPROXIMATE**



Approximately 29 gallons of decontamination and purge water from the October 18, 2012, and 39 gallons from the April 11, 2013, sampling events were tested and discharged, under permit, to the City of Eureka municipal sewer system. Discharge receipts are included in Appendix A.

### 3.0 Groundwater Monitoring Results

#### 3.1 Hydrology

SHN measured depth-to-groundwater in the existing monitoring wells during the second half 2012 and first half 2013 monitoring events (Table 1). Appendix B, Table B-1 summarizes well construction details.

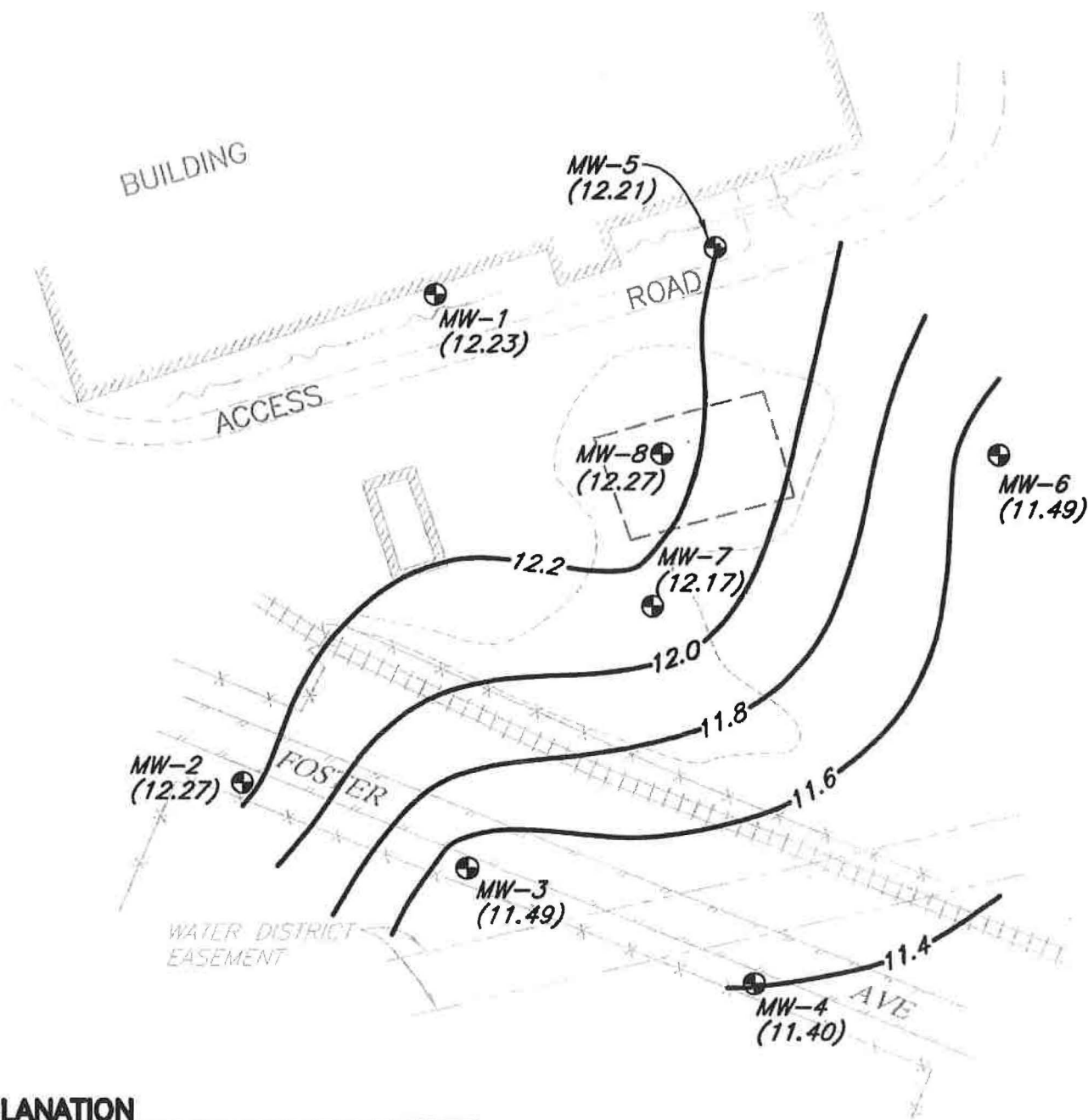
Table 1				
Water Level Data, October 2012 and April 2013				
Former Simpson Remanufacturing Facility, Arcata, California				
Sample Location	Top of Casing Elevation <sup>1</sup> (feet)	Date	Depth-to-Groundwater <sup>2</sup> (feet)	Groundwater Elevation <sup>1</sup> (feet)
MW-1	20.69	October 18, 2012	8.46	12.23
		April 11, 2013	3.72	16.97
MW-2	22.10	October 18, 2012	9.83	12.27
		April 11, 2013	5.12	16.98
MW-3	22.85	October 18, 2012	11.36	11.49
		April 11, 2013	6.25	16.60
MW-4	22.48	October 18, 2012	11.08	11.40
		April 11, 2013	6.02	16.46
MW-5	21.82	October 18, 2012	9.61	12.21
		April 11, 2013	4.83	16.99
MW-6	23.03	October 18, 2012	11.54	11.49
		April 11, 2013	6.48	16.55
MW-7	21.48	October 18, 2012	9.31	12.17
		April 11, 2013	4.44	17.04
MW-8	21.56	October 18, 2012	9.29	12.27
		April 11, 2013	4.58	16.98

1. Relative to National Geodetic Vertical Datum 1929 (NGVD29)


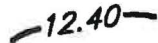

2. Below top of casing

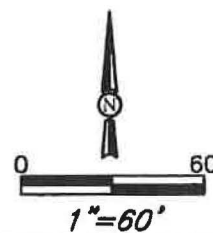
On October 18, 2012, the groundwater flow beneath the site was to the southeast, with an approximate gradient of 0.004 feet per foot. On April 11, 2013, the groundwater flow beneath the site was to the southeast, with an approximate gradient of 0.003 feet per foot. The groundwater flow direction and gradient were calculated using data from wells MW-2, MW-4, and MW-5.

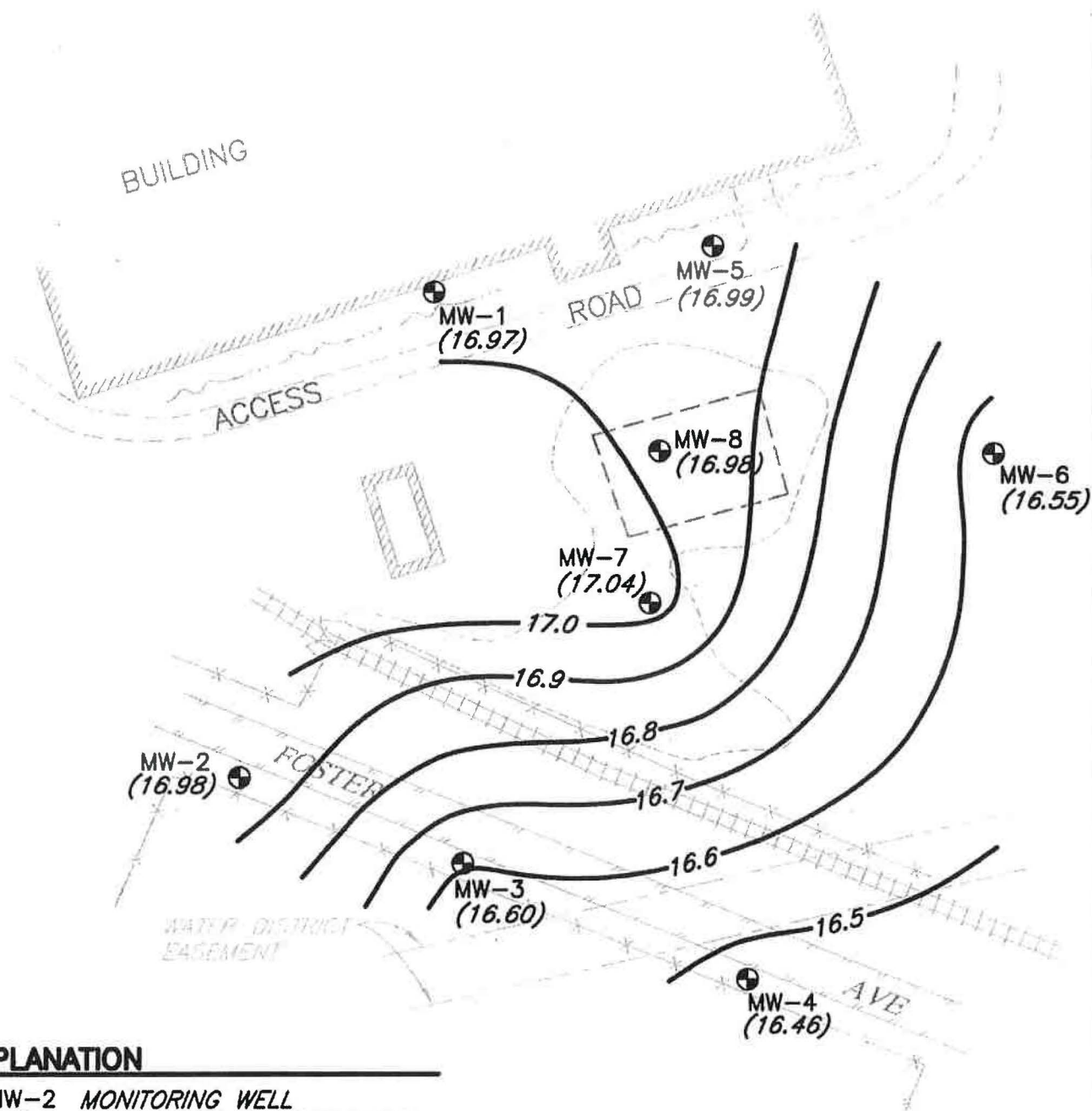
Groundwater contour maps for the October 18, 2012 and April 11, 2013, monitoring events are presented on the following pages as Figures 3 and 4, respectively. Appendix B, Table B-2 presents historical water level data. Historical groundwater flow direction and gradient data are summarized in Appendix B, Table B-3.



### EXPLANATION

-  **MW-2** MONITORING WELL  
LOCATION AND DESIGNATION
- (13.55)** GROUNDWATER ELEVATION  
(IN FEET NGVD29)
-  **12.40** GROUNDWATER CONTOUR  
(IN FEET NGVD29)
-  APPROXIMATE EXCAVATION  
EXTENTS

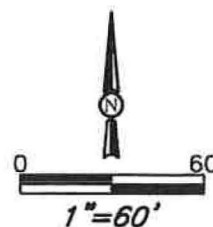




## EXPLANATION

MW-2 MONITORING WELL  
 ⊕ LOCATION AND DESIGNATION  
 (17.95) GROUNDWATER ELEVATION  
 (IN FEET NGVD29)

18.3— GROUNDWATER CONTOUR  
 (IN FEET NGVD29)  
 — APPROXIMATE EXCAVATION  
 EXTENTS



Consulting Engineers  
 & Geologists, Inc.

Simpson Timber Company  
 Former Remanufacturing Facility  
 Arcata, California

May 2013

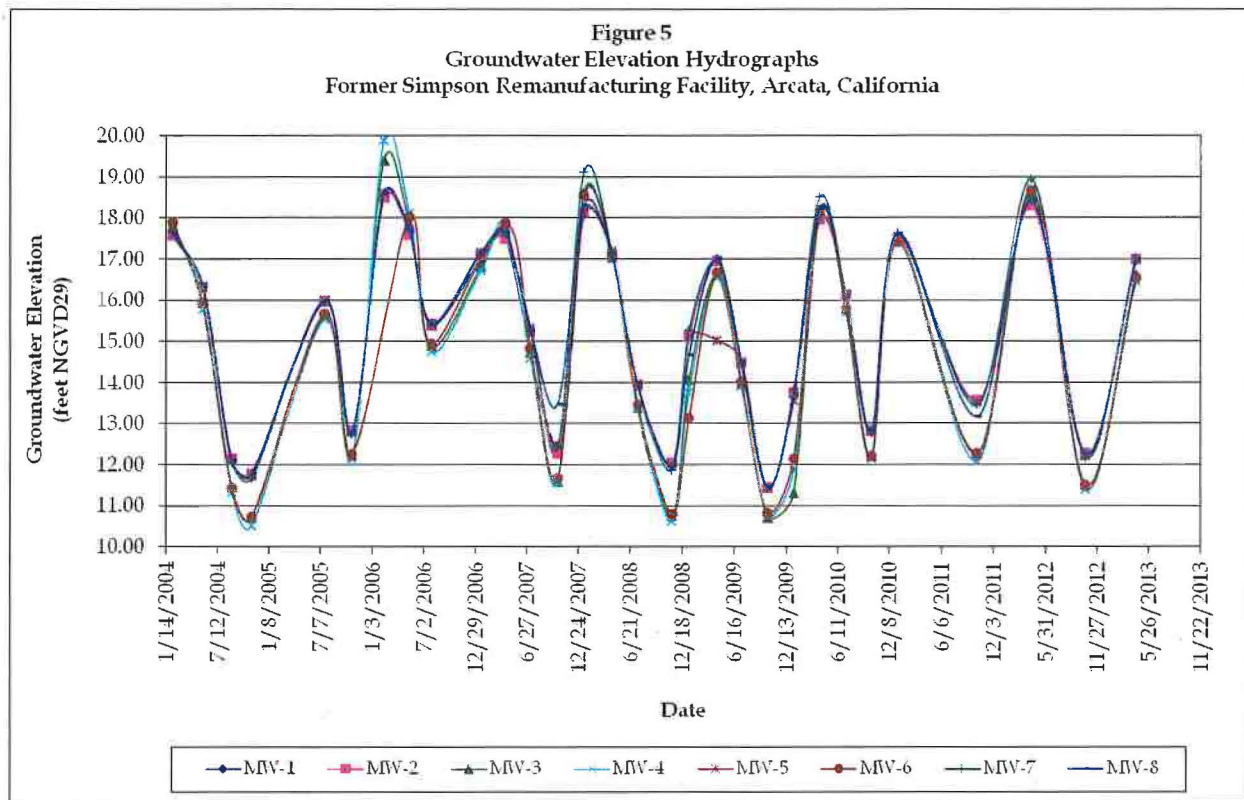
003154-GWC-APRIL-13

Groundwater Contours  
 April 11, 2013  
 SHN 003154

Figure 4



Figure 5 presents groundwater elevation hydrographs for existing site monitoring wells. The water table fluctuates seasonally, with the highest groundwater elevations measured in the spring and the lowest groundwater elevations measured in the fall. All the wells respond in a similar manner to seasonal groundwater fluctuations, indicating that the wells are screened in the same water-bearing zone.



### 3.2 Groundwater Analytical Results

Table 2 summarizes selected laboratory analytical results for the groundwater samples collected during the second half 2012 and first half 2013 monitoring events.

Sample Location	Sample Date	trans-1,2-DCE <sup>2</sup>	cis-1,2-DCE <sup>2</sup>	Vinyl Chloride <sup>2</sup>	Benzene <sup>2</sup>	Other VOCs <sup>2</sup>
MW-2	October 18, 2012	<0.50 <sup>3</sup>	<0.50	<0.50	<0.50	ND <sup>4</sup>
	April 11, 2013	<0.50	<0.50	<0.50	<0.50	ND
MW-3	October 18, 2012	<0.50	20	4.6	0.89	ND
	April 11, 2013	<0.50	3.5	0.53	<0.50	ND
Dup <sup>5</sup>	October 18, 2012	<0.50	22	4.8	0.95	ND
	April 11, 2013	<0.50	3.4	0.52	<0.50	ND

**Table 2**  
**Organic Compound Groundwater Analytical Results, October 2012 and April 2013**  
**Former Simpson Remanufacturing Facility, Arcata, California**  
**(in ug/L)<sup>1</sup>**

Sample Location	Sample Date	trans-1,2-DCE <sup>2</sup>	cis-1,2-DCE <sup>2</sup>	Vinyl Chloride <sup>2</sup>	Benzene <sup>2</sup>	Other VOCs <sup>2</sup>
MW-4	October 18, 2012	<0.50	2.5	0.57	<0.50	ND
	April 11, 2013	<0.50	1.3	<0.50	<0.50	ND
MW-7	October 18, 2012	<0.50	<0.50	<0.50	<0.50	All ND, except Toluene = 0.51
	April 11, 2013	<0.50	<0.50	<0.50	<0.50	ND

1. ug/L: micrograms per liter
2. Dichloroethene (DCE), vinyl chloride, benzene, and other volatile organic compounds (VOCs) analyzed in general accordance with EPA Method No. 8260B
3. <: "less than" the stated method reporting limit
4. ND: not detected
5. Dup: duplicate groundwater sample collected from monitoring well MW-3

Figures 6 and 7 show concentrations of cis-1,2 dichloroethene (DCE) and vinyl chloride in existing groundwater monitoring wells for the October 2012 and April 2013 monitoring events, respectively. Historical groundwater analytical data is included in Appendix B, Table B-4. Appendix C presents the complete analytical test results, chain-of-custody documentation, and laboratory quality control data.

### 3.3 Field-Measured Parameters

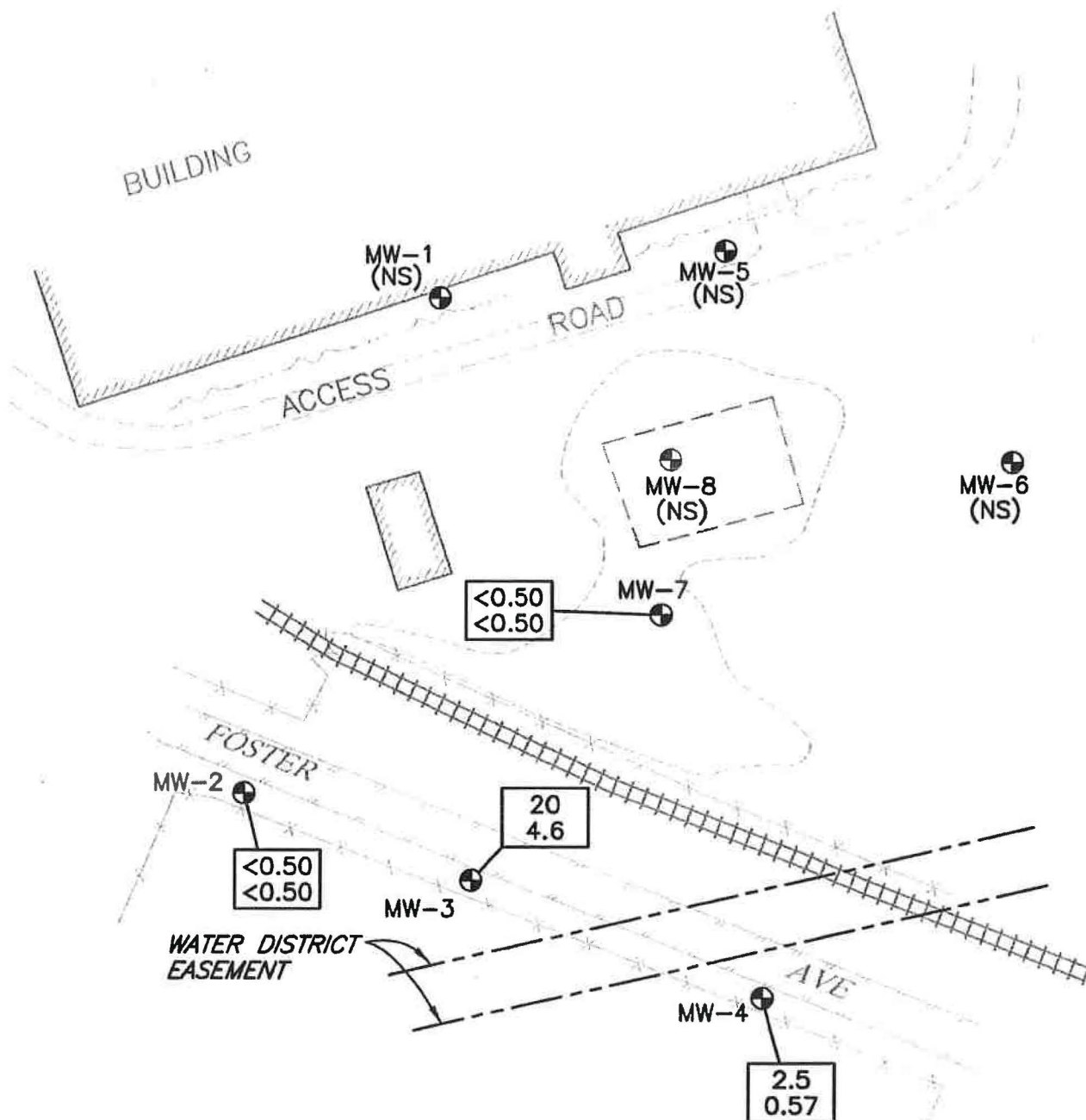
DO, DCO<sub>2</sub>, and ORP were measured in monitoring wells prior to sampling and are summarized in Table 3.

**Table 3**  
**DO, DCO<sub>2</sub>, and ORP Measurement Results, October 2012 and April 2013**  
**Former Simpson Remanufacturing Facility, Arcata, California**

Sample Location	Date	DO <sup>1</sup> (mg/L) <sup>2</sup>	DCO <sub>2</sub> <sup>3</sup> (mg/L)	ORP <sup>4</sup> (mV) <sup>5</sup>
MW-2	October 18, 2012	0.35	100	73
	April 11, 2013	7.50	40	203
MW-3	October 18, 2012	0.31	300	-80
	April 11, 2013	1.38	90	184
MW-4	October 18, 2012	0.32	100	11
	April 11, 2013	1.50	60	90
MW-7	October 18, 2012	0.35	500	-32
	April 11, 2013	0.87	200	143

1. DO: dissolved oxygen; field measured using portable instrumentation
2. mg/L: milligrams per liter
3. DCO<sub>2</sub>: dissolved carbon dioxide; measured using a field test kit
4. ORP: oxidation-reduction potential measured using portable instrumentation
5. mV: millivolts

Historical DO, DCO<sub>2</sub>, and ORP measurement results are included in Appendix B, Table B-5.



## EXPLANATION

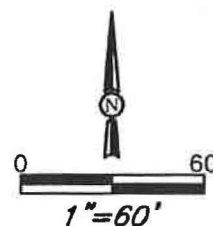
MW-2 MONITORING WELL  
 LOCATION AND DESIGNATION

<1.0	CIS-1,2-DICHLOROETHENE } RESULTS IN ug/L
<1.0	

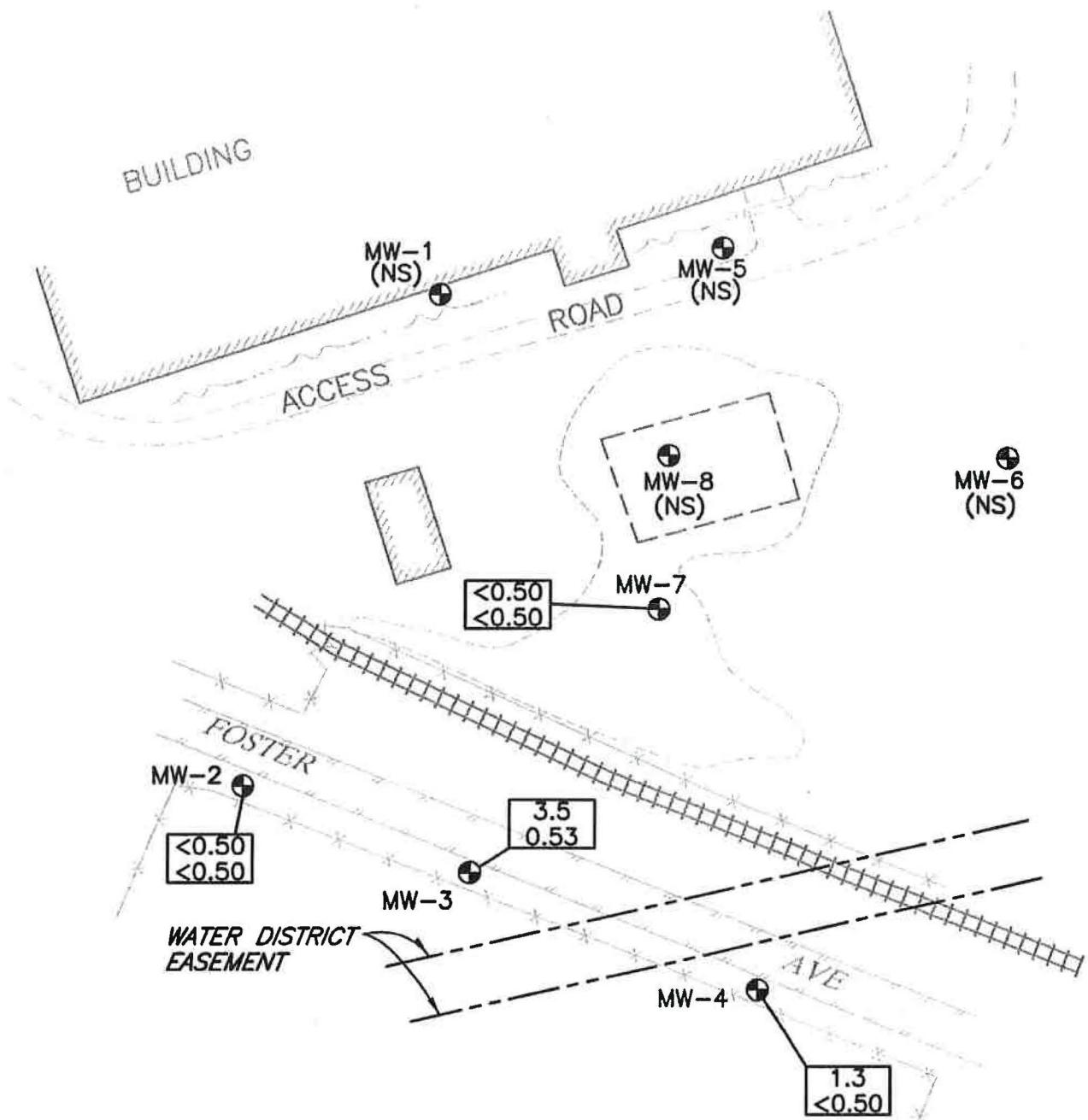
 VINYL CHLORIDE

(NS) NOT SAMPLED

APPROXIMATE EXCAVATION  
 EXTENTS







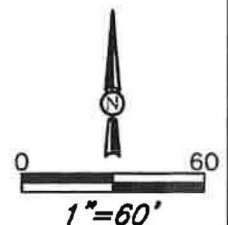
## EXPLANATION

MW-2 MONITORING WELL  
 LOCATION AND DESIGNATION

<1.0 CIS-1,2-DICHLOROETHENE  
 <1.0 VINYL CHLORIDE } RESULTS IN ug/L

(NS) NOT SAMPLED

APPROXIMATE EXCAVATION  
 EXTENTS



Consulting Engineers  
 & Geologists, Inc.

Simpson Timber Company  
 Former Remanufacturing Facility  
 Arcata, California

May 2013

VOC Concentrations in Groundwater  
 April 11, 2013  
 SHN 003154

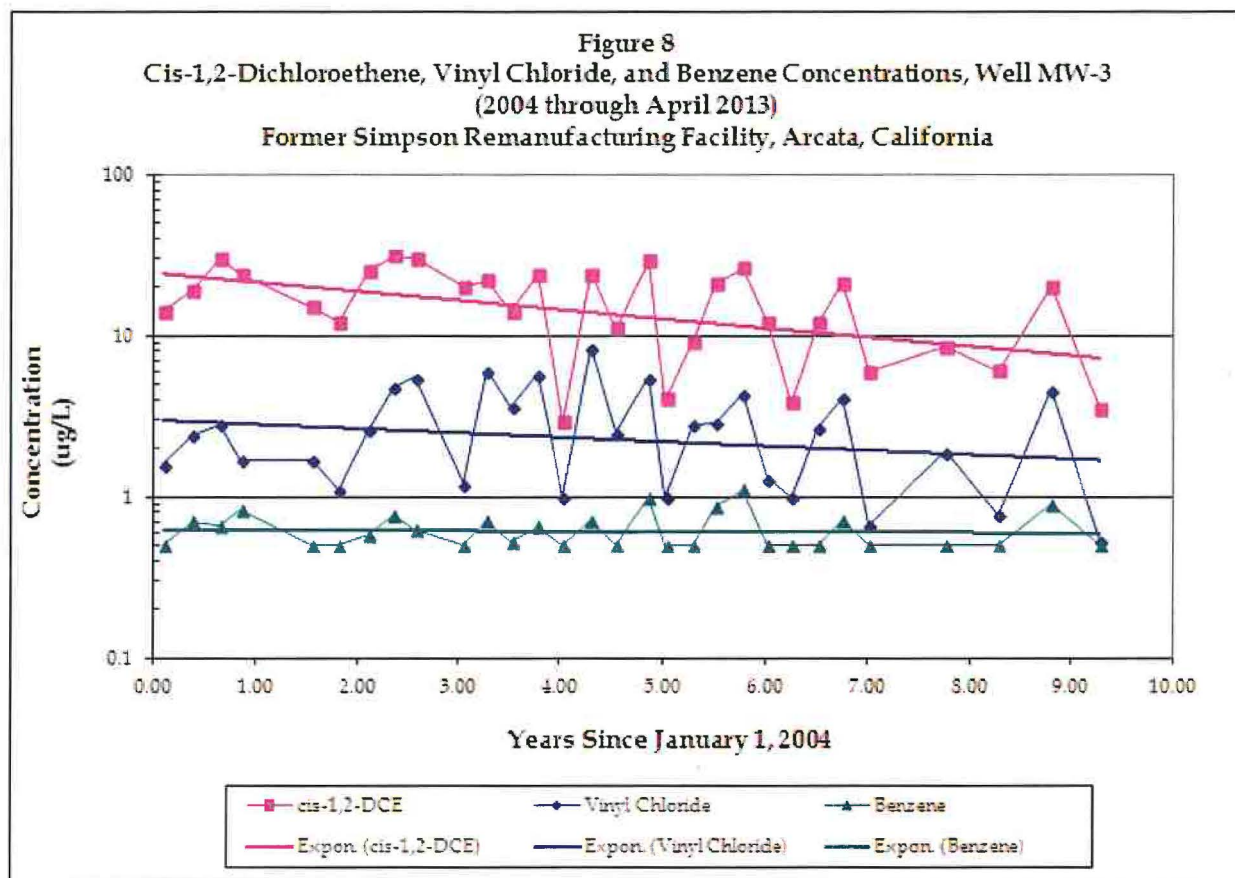
003154-VOC-CONC-APRIL-13

Figure 7



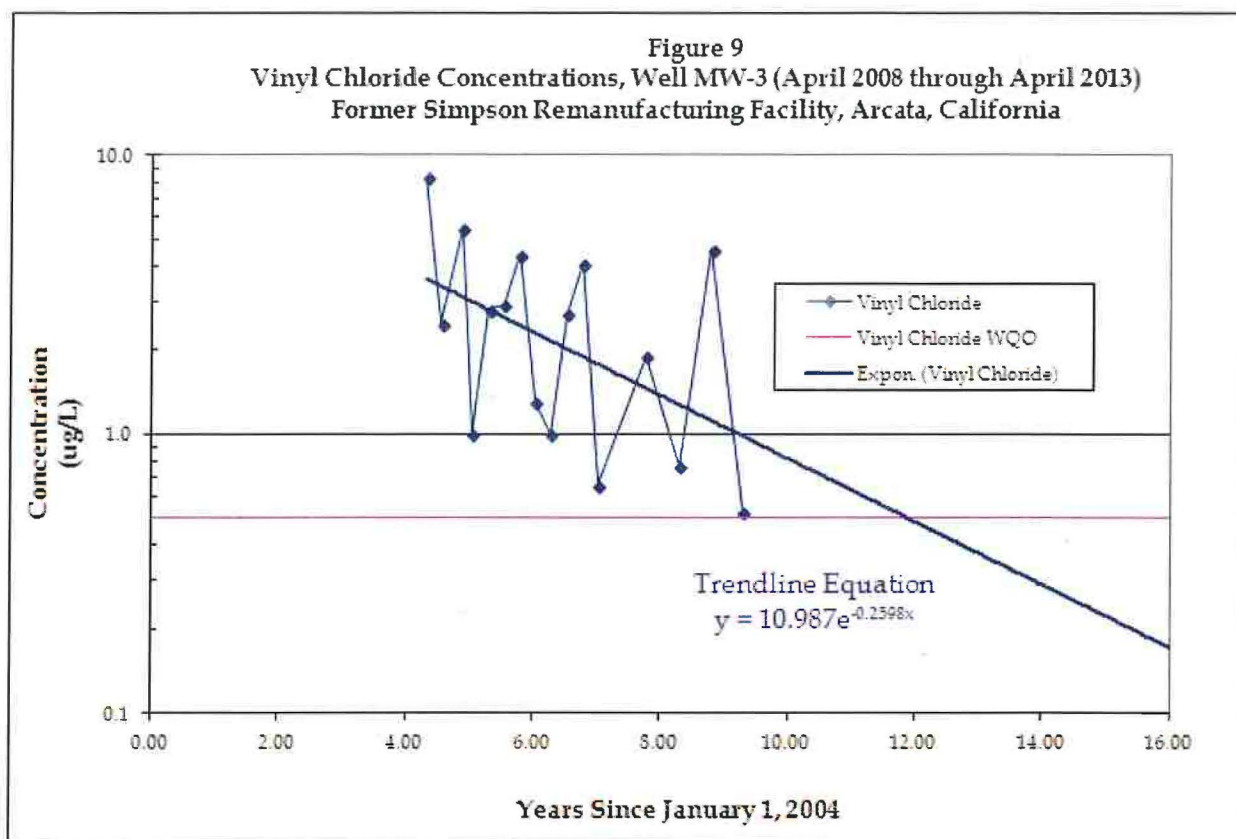
### 3.4 Concentration through Time

Figure 8 shows contaminant concentrations through time for well MW-3 from 2004 to April 2013. The graph was generated as outlined in the EPA Document number 540/S-02/500 titled "Calculation and Use of First-Order Rate Constants for Monitored Natural Attenuation Studies" (Newell, et al., 2002). Trendlines were generated using Microsoft Excel™ regression analyses for the concentrations of contaminants of concern in well MW-3. For non-detect results, the detection limit was used in the data set.



Cis-1,2-DCE and vinyl chloride concentrations show decreasing trends through time. Vinyl chloride concentrations appear to have peaked with the highest concentration reported in April 2008. Since then, concentrations have a definite decreasing trend (Figure 9). The slope of the trendline in Figure 9 indicates that the water quality objective (WQO) of 0.5 ug/L for vinyl chloride will be reached by 2016.

The benzene trendline is relatively flat, and 7 of the last 9 groundwater samples have had no detections above the laboratory reporting limit (0.5 ug/L).



### 3.5 Quality Assurance

Precision goals outlined in the quality assurance project plan appended to the site investigation work plan (SHN, 2003) were reviewed with respect to the duplicate sample collected from monitoring well MW-3 (See Table 2). The SHN field technician alternated between filling sample containers for monitoring well MW-3 and sample containers for duplicate samples. The relative percent differences for cis-1,2-DCE and vinyl chloride in the duplicate sample from well MW-3 were within the precision goal of  $\pm 20\%$  during the October 2012 and April 2013 monitoring events. No other VOC constituents could be compared because all were below their respective laboratory method reporting limits.

The laboratory noted cooler temperatures of 1.4 and 2.0 degrees Celsius on October 18, 2012 and April 11, 2013, respectively. Both values are within the suggested range of  $4 \pm 2$  degrees Celsius. All samples were analyzed within the 14-day holding time. A few laboratory control samples were outside of the acceptable ranges. In general, these constituents were not detected in the groundwater samples analyzed; therefore, the data were accepted. Laboratory quality assurance data and a detailed discussion are included in the laboratory analytical reports in Appendix C.

### 4.0 Discussion

DCE (cis and trans) can be degraded through reductive dechlorination or by direct aerobic biological oxidation (Wiedemeier et al., 1998). When chlorinated organic compounds are being degraded, alkalinity, chloride, dissolved iron, and dissolved manganese concentrations typically increase within the source area, and sulfate and nitrate concentrations typically decrease.

Historical analysis for the aforementioned constituents has demonstrated that the trends indicating degradation of DCE have generally been followed for all the constituents (SHN, 2010). Additionally, the presence of vinyl chloride and chloride indicates that natural degradation of VOCs is occurring.

Prior to the October 2011 monitoring event, well MW-4 had not been sampled since 2004. Cis-1,2-DCE was the only contaminant detected in the groundwater samples from well MW-4 during this reporting period, at concentrations below the water quality objective of 6 ug/L.

No contaminants were detected above the laboratory reporting limits in the groundwater samples from well MW-2 in October 2012 or April 2013. The only contaminant detected above laboratory reporting limits in groundwater samples from well MW-7 during this reporting period was toluene, detected at 0.51 ug/L in October 2012.

Trendlines for cis-1,2-DCE and vinyl chloride concentrations through time in groundwater samples from well MW-3 continue to exhibit a downward trend. Benzene was only detected in the groundwater sample from well MW-3 during the October 2012 monitoring event.

Groundwater monitoring will continue to be performed in accordance with MRP No. R1-2011-0074. The next monitoring event will occur in October 2013.

## 5.0 References

- Newell, C.J., H.S. Rifai, J.T. Wilson, J.A. Conner, J.A. Aziz, and M.P. Suarez. (November 2002). Groundwater Issue, Calculation and Use of First-Order Rate Constants for Monitored Natural Attenuation Studies. EPA/540/S-02/500. NR: EPA.
- SHN Consulting Engineers & Geologists, Inc. (2011). *Fourth Quarter 2010 Groundwater Monitoring Report, Former Simpson Remanufacturing Plant, Arcata, California*. Eureka, CA: SHN.
- . (2010). *Second Five-Year Review Report, Former Simpson Remanufacturing Plant, Arcata, California*. Eureka, CA: SHN.
- . (2003). *Amended Subsurface Investigation, Monitoring Well Installation, and Groundwater Monitoring Work Plan, Former Simpson Remanufacturing Plant, Arcata, California*. Eureka, CA: SHN.
- . United States Geological Survey. (1959, photo revised 1972). "Arcata North and South Quadrangles, California-Humboldt Co. 7.5-minute series (topographic)." Scale 1:24,000. Reston, VA: USGS.
- Wiedemeier, T.H., M.A. Swanson, D.E. Moutoux, E.K. Gordon, J.T. Wilson, B.H. Wilson, D.H. Kampbell, P.E. Haas, R.N. Miller, J.E. Hansen, and F.H. Chapelle. (1998). "Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater." EPA/600/R-98/128. Cincinnati, OH: National Risk Management Research Laboratory.





California Regional Water Quality Control Board  
North Coast Region

Monitoring and Reporting Program No. R1-2011-0074  
(Replaces Monitoring and Reporting Program No. R1-2008-0034)

FOR

Simpson Timber Company

and

Arcata Land Company  
3315 Foster Avenue  
Arcata, California

Humboldt County

This Monitoring and Reporting Program (MRP) is issued pursuant to California Water Code Section (CWC) 13267(b) and requires monitoring of groundwater and submission of technical reports. Reports are required on a semiannual basis. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater quality and contaminant trends at the site.

Under the authority of CWC section 13267, the Discharger named above is required to comply with the following:

**MONITORING**

1. The depth to groundwater in each monitoring well (MW) shall be determined to at least 0.01 foot increments semiannually. The results of each semiannual depth measurement shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
2. MW-2, MW-3, MW-4, and MW-7 shall be sampled in April and October. All groundwater samples shall be analyzed for Volatile Organic Compounds by EPA Method 8260B. The analyses shall be performed at a California certified laboratory.

**REPORTING**

A groundwater elevation contour map shall be submitted for each semiannual set of measurements and include the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured.

Monitoring reports, including gradient data and sampling data, shall be submitted to this office in accordance with the following schedule:

**Report**

**Due Date**

Annual Report (October and April Monitoring Events)

July 30

Draft Data Tables (October Monitoring Event)

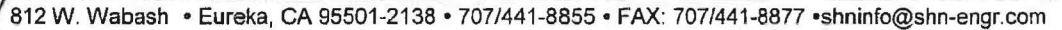
December 31

All data and reports shall be electronically submitted in the proper format to the State Water Resources Control Board's GeoTracker database.

Ordered by Original signed by Luis Rivera for  
Catherine Kuhlman  
Executive Officer

July 18, 2011

11\_0074\_MRP\_SimpsonTimberRemanufacturingPlant\_Arcata

\\Eureka\projects\2003\003154-SimpsonReman\Forms\GWMonForms\daily field report.doc



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812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-engr.com

## Equipment Calibration Sheet

Name: ERIC WARD

Project Name: Former Simpson Reman Facility

Reference No.: 003154

Date: 10/18/12

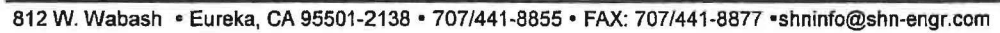
Equipment: ☒ pH & EC ☐ PID ☐ GTCO<sub>2</sub> ☐ GTLEL  
☐ Turbidity ☒ Other Dissolved Oxygen Meter

Description of Calibration Procedure and Results:

pH & EC meter calibrated using a 2 buffer method with a pH 7.00 and 4.01. Meter was set  
exactly to 7.00 and 4.01. <sup>-10.00</sup> 10.00

Dissolved Oxygen Meter is self calibrating with the Altimeter set at 0







### Water Sampling Data Sheet

Project Name:	Former Simpson Reman Facility	Date/Time:	10/18/12
Project No.:	003154	Sampler Name:	E. WARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-2	Weather:	SUN
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
25.10	-	9.83	=	15.27	x	0.163	=	2.49 x 3 = 7.47

Time	DO (mg/L)	CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1154	0.35	---	---	---	---	---	0.0 gal.	
1210	---	100	73	---	---	---	0.25 gal.	
1220	---	---	---	252.3	18.5°C	6.16	2.5 gal.	
1224	No Flow	---	---	274.5	17.7°C	6.23	5 gal.	
1232	Thru Cell	---	---	273.1	17.6°C	6.26	7.5 gal.	

Purge Method: Hand Bail

Total Volume Removed: 7.5 (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative/ Type	Laboratory	Analyses
MW-2	3- 40 ml VOAs	HCL	NCL	VOCs (8260 List 9)

Well Condition:

Remarks:

Well recharged to: 9.83 feet BTOC at sampling time: 1245

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**Water Sampling Data Sheet**

Project Name:	Former Simpson Reman Facility	Date/Time:	10/18/12
Project No.:	003154	Sampler Name:	E. WARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-3	Weather	SUN
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
25.25	-	11.36	=	13.89	x	0.163	=	2.26 x 3 = 6.79

Time	DO (mg/L)	CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°C)	pH	Water Removed (gal)	Comments
1452	0.31	---	---	---	---	---	0.0 gal.	
1458	--	300	-80	---	---	---	0.25 gal.	
1502	--	---	---	523.3	19.72	10.60	2.5 gal.	
1508	No Flow	---	---	330.7	18.12	6.68	4.75 gal.	
1512	Thru Cell	---	---	330.7	17.52	6.69	7.0 gal.	

Purge Method: Hand Bail

Total Volume Removed: 7 (gal)

**Laboratory Information**

Sample ID	# & Type of Containers	Preservative/ Type	Laboratory	Analyses
MW-3	3- 40 ml VOAs	HCL	NCL	VOCs (8260 list 9)
Dup	3-40 ml VOAs	HCL	NCL	VOCs (8260 list 9)

Well Condition:

Remarks: Duplicate sample ID: Dup

Well recharged to: 11.37 feet BTOC at sampling time: 1520



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**Water Sampling Data Sheet**

Project Name:	Former Simpson Reman Facility	Date/Time:	10/18/12
Project No.:	003154	Sampler Name:	E. LARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-4	Weather:	SUN
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
25.28	-	11.08	=	14.20	x	0.163	=	2.31 x 3 = 6.94

Time	DO (mg/L)	CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°C)	pH	Water Removed (gal)	Comments
1305	0.32	---	---	---	---	---	0.0 gal.	
1311	---	100	11	---	---	---	0.25 gal.	
1315	---	---	---	212.1	19.0°	6.70	2.5 gal.	
1319	No Flow	---	---	222.3	17.9°	6.72	4.75 gal.	
1324	Thru Cell	---	---	226.2	17.1	6.80	7.0 gal.	

Purge Method: Hand Bail

Total Volume Removed: 7 (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative/ Type	Laboratory	Analyses
MW-4	3- 40 ml VOAs	HCL	NCL	VOCs (8260 List 9)

Well Condition:

Remarks:

Well recharged to: 11.00 feet BTOC at sampling time: 1335



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**Water Sampling Data Sheet**

Project Name:	Former Simpson Reman Facility	Date/Time:	10/18/12
Project No.:	003154	Sampler Name:	E. LIARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-7	Weather:	SUN
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
24.05	-	9.31	=	14.74	x	0.163	=	2.40 x 3 = 7.21

Time	DO (mg/L)	CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1350	0.35	---	---	---	---	---	0.0 gal.	
1357	---	500	-32	---	---	---	0.25 gal.	
1402	---	---	---	347.7	18.4°C	6.39	2.5 gal.	
1408	No Flow	---	---	368.3	16.9°C	6.48	5 gal.	
1412	Thru Cell	---	---	366.1	16.2°C	6.52	7.25 gal.	

Purge Method: Hand Bail

Total Volume Removed: 7.25 (gal)

**Laboratory Information**

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-7	3- 40 ml VOAs	HCL	NCL	VOCs (8260 List 9)

Well Condition:

Remarks:

Well recharged to: 11.53 feet BTOC at sampling time: 1425

\\Eureka\projects\2003\003154-SimpsonReman\Forms\GWMonForms\daily field report.doc



## Equipment Calibration Sheet

Name: ERIC LIARD

Project Name: Former Simpson Reman Facility

Reference No.: 003154

Date: 4/11/13

Equipment: ☒ pH & EC ☐ PID ☐ GTCO<sub>2</sub> ☐ GTLEL  
☐ Turbidity ☒ Other Dissolved Oxygen Meter

### Description of Calibration Procedure and Results:

pH & EC meter calibrated using a <sup>3</sup> buffer method with a pH 7.00 and 4.01. Meter was set  
exactly to 7.00 and 4.01. <sup>10.00</sup>

Dissolved Oxygen Meter is self calibrating with the Altimeter set at 0



## Groundwater Elevations

[illegible]



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**Water Sampling Data Sheet**

Project Name:	Former Simpson Reman Facility	Date/Time:	4/11/15
Project No.:	003154	Sampler Name:	E. LIARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-2	Weather	OVERCAST / WINDY
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
25.10	-	512	=	1998	x	0.163	=	3.26 x 3 = 9.77

Time	DO (mg/L)	CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°C)	pH	Water Removed (gal)	Comments
1222	7.50	--	--	--	--	--	0.0 gal.	
1235	--	40	203	--	--	--	0.25 gal.	
1246	--	--	--	180.7	14.9°C	4.82	3.5 gal.	
1251	No Flow	--	--	143.0	14.2°C	5.07	6.75 gal.	
1256	Thru Cell	--	--	134.4	13.7°C	5.03	10.0 gal.	

Purge Method: Hand Bail

Total Volume Removed: (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative/ Type	Laboratory	Analyses
MW-2	3- 40 ml VOAs	HCL	NCL	VOCs (8260 List 9)

Well Condition:

Remarks:

Well recharged to: 512 feet BTOC at sampling time: 1305

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**Water Sampling Data Sheet**

Project Name:	Former Simpson Reman Facility	Date/Time:	4/11/13
Project No.:	003154	Sampler Name:	E. WARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-3	Weather:	OVERCAST/WINDY
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
25.25	-	6.25	=	19.00	x	0.163	=	3.10 x 3 = 9.3

Time	DO (mg/L)	CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1535	1.38	---	---	---	---	---	0.0 gal.	
1543	---	90	184	---	---	---	0.25 gal.	
1550	---	---	---	195.8	14.1°C	5.31	3.25 gal.	
1555	No Flow	---	---	187.6	13.6°C	5.24	6.5 gal.	
1601	Thru Cell	---	---	192.8	13.4°C	5.18	9.5 gal.	

Purge Method: Hand Bail

Total Volume Removed: (gal)

**Laboratory Information**

Sample ID	# & Type of Containers	Preservative/ Type	Laboratory	Analyses
MW-3	3- 40 ml VOAs	HCL	NCL	VOCs (8260 list 9)
Dup	3-40 ml VOAs	HCL	NCL	VOCs (8260 list 9)

Well Condition:

Remarks: Duplicate sample ID: Dup

Well recharged to: 6.20 feet BTOC at sampling time: 1610



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**Water Sampling Data Sheet**

Project Name:	Former Simpson Reman Facility	Date/Time:	4/11/13
Project No.:	003154	Sampler Name:	E. LARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-4	Weather:	OVERCAST / WINDY
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
25.28	-	6.02	=	19.26	x	0.163	=	3.14 x 5 = 9.42

Time	DO (mg/L)	CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1325	1.50	---	---	---	---	---	0.0 gal.	
1332	---	6.0	90	---	---	---	0.25 gal.	
1336	---	---	---	152.0	14.7°	5.43	3.25 gal.	
1341	No Flow	---	---	154.5	14.2°	5.43	6.5 gal.	
1346	Thru Cell	---	---	164.3	14.0°	5.46	9.5 gal.	

Purge Method: Hand Bail

Total Volume Removed: (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-4	3- 40 ml VOAs	HCL	NCL	VOCs (8260 List 9)

Well Condition:

Remarks:

Well recharged to: 6.02 feet BTOC at sampling time: 1355

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**Water Sampling Data Sheet**

Project Name:	Former Simpson Reman Facility	Date/Time:	4/11/13
Project No.:	003154	Sampler Name:	E. WARD
Location:	Arcata, CA	Sample Type:	Ground Water
Well #:	MW-7	Weather:	OVERCAST / WINDY
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
24.05	-	4.44	=	19.61	x	0.163	=	3.20 x 5 = 9.59

Time	DO (mg/L)	1.5CO <sub>2</sub> (mg/L)	ORP (mV)	EC (uS/cm)	Temp (°F/°C)	pH	Water Removed (gal)	Comments
1420	0.87	--	--	--	--	--	0.0 gal.	
1430	--	200	143	--	--	--	0.25 gal.	
1435	--	--	--	306.9	14.1°C	5.28	3.25 gal.	
1439	No Flow	--	--	298.7	13.3°C	5.27	6.5 gal.	
1445	Thru Cell	--	--	291.8	12.9°C	5.25	9.75 gal.	

Purge Method: Hand Bail

Total Volume Removed: (gal)

Laboratory Information				
Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-7	3- 40 ml VOAs	HCL	NCL	VOCs (8260 List 9)

Well Condition: SLOW RECHARGE

Remarks:

Well recharged to: 6.25 feet BTOC at sampling time: 1505



Client Name: SIMPSON ARCATA REMAN FACILITY

The water from your site: 3315 FOSTER AVENUE, ARCATA, CA

SHN ref # 003154 Collected On: 10/18/2012

---

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged: 29 GALLONS

Date Discharged: 1/15/2013

Certified by: NATHAN SANGER

**SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.**

City of Eureka Wastewater Discharge Permit #65

Client Name: **SIMPSON ARCATA REMAN FACILITY**

The water from your site: **3315 FOSTER AVENUE, ARCATA, CA**

SHN ref # **003154** Collected On: **4/11/2013**

---

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged: **39 GALLONS**

Date Discharged: **5/22/2013**

Certified by: **NATHAN SANGER**

**SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.**  
City of Eureka Wastewater Discharge Permit #65

## Appendix B

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# Historical Monitoring Data

Table B-1 Well Construction Details Former Simpson Remanufacturing Facility, Arcata, California						
Sample Location	Date Installed	Casing Material	Screen Slot Size	Screened Interval (feet BGS) <sup>1</sup>	Sand Interval (feet BGS)	Sanitary Seal (feet BGS)
MW-1	12/2/1997	2-inch Schedule 40 PVC <sup>2</sup> Blank	0.020	5-25	4-25	0.5-4
MW-2	12/3/1997		0.020	5-25	4-25	0.5-4
MW-3	12/3/1997		0.020	5-25	4-25	0.5-4
MW-4	12/3/1997		0.020	5-25	4-25	0.5-4
MW-5	5/22/1998		0.020	5-25	4-25	0.5-4
MW-6	5/22/1998		0.020	5-25	4-25	0.5-4
MW-7	1/22/2004		0.010	5-25	4-25	0.5-4
MW-8	1/22/2004		0.010	5-25	4-25	0.5-4
1. BGS: Below Ground Surface 2. PVC: Polyvinyl Chloride						



<p align="center"><b>Table B-2</b>  <b>Historical Groundwater Elevations</b>  <b>Former Simpson Remanufacturing Facility, Arcata, California</b></p>				
<b>Location</b>	<b>Date</b>	<b>Top of Casing Elevation (feet)<sup>1</sup></b>	<b>Depth-to-Water (feet)<sup>2</sup></b>	<b>Groundwater Elevation (feet)<sup>1</sup></b>
MW-1	2/5/04	20.69	3.13	17.56
	5/19/04		4.37	16.32
	8/30/04		8.59	12.10
	11/9/04		8.93	11.76
	7/20/05		4.73	15.96
	10/24/05		7.90	12.79
	2/9/06		2.19	18.50
	5/10/06		3.05	17.64
	7/27/06		5.27	15.42
	1/16/07		3.71	16.98
	4/10/07		3.14	17.55
	7/9/07		NM <sup>3</sup>	NM
	10/9/07		8.24	12.45
	1/10/08		2.60	18.09
	4/14/08		3.57	17.12
	7/16/08		6.75	13.94
	11/10/08		8.70	11.99
	1/8/09		5.55	15.14
	4/14/09		3.71	16.98
	7/9/09		6.22	14.47
	10/8/09		9.25	11.44
	1/7/10		7.05	13.64
	4/7/10		2.73	17.96
	7/9/10		4.56	16.13
	10/5/10		7.89	12.80
	1/6/11		3.21	17.48
	10/6/11		7.15	13.54
	4/11/12		2.38	18.31
	10/18/12		8.46	12.23
	4/11/13		3.72	16.97
MW-2	2/5/04	22.10	4.53	17.57
	5/19/04		5.80	16.30
	8/30/04		9.96	12.14
	11/9/04		10.36	11.74
	7/20/05		6.15	15.95
	10/24/05		9.28	12.82
	2/9/06		3.60	18.50
	5/10/06		4.50	17.60
	7/27/06		6.71	15.39
	1/16/07		5.01	17.09
	4/10/07		4.61	17.49

<p align="center"><b>Table B-2</b>  <b>Historical Groundwater Elevations</b>  <b>Former Simpson Remanufacturing Facility, Arcata, California</b></p>				
<b>Location</b>	<b>Date</b>	<b>Top of Casing Elevation (feet)<sup>1</sup></b>	<b>Depth-to-Water (feet)<sup>2</sup></b>	<b>Groundwater Elevation (feet)<sup>1</sup></b>
MW-2 cont'd	7/9/07	22.10	6.86	15.24
	10/9/07		9.84	12.26
	1/10/08		3.96	18.14
	4/14/08		5.01	17.09
	7/16/08		8.18	13.92
	11/10/08		10.06	12.04
	1/8/09		6.98	15.12
	4/14/09		5.15	16.95
	7/9/09		7.65	14.45
	10/8/09		10.67	11.43
	1/7/10		8.35	13.75
	4/7/10		4.15	17.95
	7/9/10		5.99	16.11
	10/5/10		9.27	12.83
	1/6/11		4.61	17.49
	10/6/11		8.55	13.55
	4/11/12		3.81	18.29
	10/18/12		9.83	12.27
	4/11/13		5.12	16.98
MW-3	2/5/04	22.85	5.04	17.81
	5/19/04		6.94	15.91
	8/30/04		11.40	11.45
	11/9/04		12.14	10.71
	7/20/05		7.23	15.62
	10/24/05		10.62	12.23
	2/9/06		3.45	19.40
	5/10/06		5.00	17.85
	7/27/06		7.97	14.88
	1/16/07		6.04	16.81
	4/10/07		5.16	17.69
	7/9/07		8.14	14.71
	10/9/07		11.26	11.59
	1/10/08		4.26	18.59
	4/14/08		5.81	17.04
	7/16/08		9.46	13.39
	11/10/08		12.11	10.74
	1/8/09		8.78	14.07
	4/14/09		6.22	16.63
	7/9/09		8.89	13.96
	10/8/09		12.14	10.71
	1/7/10		11.55	11.30

<b>Table B-2</b> <b>Historical Groundwater Elevations</b> <b>Former Simpson Remanufacturing Facility, Arcata, California</b>				
Location	Date	Top of Casing Elevation (feet) <sup>1</sup>	Depth-to-Water (feet) <sup>2</sup>	Groundwater Elevation (feet) <sup>1</sup>
MW-3 cont'd	4/7/10	22.85	4.65	18.20
	7/9/10		7.07	15.78
	10/5/10		10.65	12.20
	1/6/11		5.42	17.43
	10/6/11		10.60	12.25
	4/11/12		4.24	18.61
	10/18/12		11.36	11.49
	4/11/13		6.25	16.60
MW-4	2/5/04	22.48	4.57	17.91
	5/19/04		6.71	15.77
	8/30/04		11.16	11.32
	11/9/04		11.96	10.52
	7/20/05		6.95	15.53
	10/24/05		10.33	12.15
	2/9/06		2.60	19.88
	5/10/06		4.37	18.11
	7/27/06		7.72	14.76
	1/16/07		5.74	16.74
	4/10/07		4.60	17.88
	7/9/07		7.90	14.58
	10/9/07		10.89	11.59
	1/10/08		3.85	18.63
	4/14/08		5.42	17.06
	7/16/08		9.12	13.36
	11/10/08		11.87	10.61
	1/8/09		8.72	13.76
	4/14/09		5.94	16.54
	7/9/09		8.59	13.89
	10/8/09		11.74	10.74
	1/7/10		10.61	11.87
	4/7/10		4.27	18.21
	7/9/10		6.78	15.70
	10/5/10		10.34	12.14
	1/6/11		5.07	17.41
	10/6/11		10.40	12.08
	4/11/12		3.77	18.71
	10/18/12		11.08	11.40
	4/11/13		6.02	16.46
MW-5	2/5/04	21.82	4.20	17.62
	5/19/04		5.47	16.35
	8/30/04		9.73	12.09

<b>Table B-2</b> <b>Historical Groundwater Elevations</b> <b>Former Simpson Remanufacturing Facility, Arcata, California</b>				
Location	Date	Top of Casing Elevation (feet) <sup>1</sup>	Depth-to-Water (feet) <sup>2</sup>	Groundwater Elevation (feet) <sup>1</sup>
MW-5 cont'd	11/9/04	21.82	10.02	11.80
	7/20/05		5.81	16.01
	10/24/05		9.03	12.79
	2/9/06		3.22	18.60
	5/10/06		4.10	17.72
	7/27/06		6.38	15.44
	1/16/07		4.66	17.16
	4/10/07		4.19	17.63
	7/9/07		6.50	15.32
	10/9/07		9.35	12.47
	1/10/08		3.71	18.11
	4/14/08		4.64	17.18
	7/16/08		7.85	13.97
	11/10/08		9.85	11.97
	1/8/09		6.75	15.07
	4/14/09		6.81	15.01
	7/9/09		7.31	14.51
	10/8/09		10.37	11.45
	1/7/10		8.26	13.56
	4/7/10		3.82	18.00
	7/9/10		5.66	16.16
	10/5/10		9.02	12.80
	1/6/11		4.29	17.53
	10/6/11		8.31	13.51
	4/11/12		3.44	18.38
	10/18/12		9.61	12.21
	4/11/13		4.83	16.99
MW-6	2/5/04	23.03	5.13	17.90
	5/19/04		7.09	15.94
	8/30/04		11.59	11.44
	11/9/04		12.31	10.72
	7/20/05		7.37	15.66
	10/24/05		10.78	12.25
	2/9/06		Not able to locate well	
	5/10/06		5.00	18.03
	7/27/06		8.10	14.93
	1/16/07		Not able to locate well	
	4/10/07		5.17	17.86
	7/9/07		8.21	14.82
	10/9/07		11.36	11.67
	1/10/08		4.48	18.55



<p align="center"><b>Table B-2</b>  <b>Historical Groundwater Elevations</b>  <b>Former Simpson Remanufacturing Facility, Arcata, California</b></p>				
<b>Location</b>	<b>Date</b>	<b>Top of Casing Elevation (feet)<sup>1</sup></b>	<b>Depth-to-Water (feet)<sup>2</sup></b>	<b>Groundwater Elevation (feet)<sup>1</sup></b>
MW-6 cont'd	4/14/08	23.03	5.93	17.10
	7/16/08		9.57	13.46
	11/10/08		12.24	10.79
	1/8/09		9.90	13.13
	4/14/09		6.36	16.67
	7/9/09		9.01	14.02
	10/8/09		12.23	10.80
	1/7/10		10.89	12.14
	4/7/10		4.83	18.20
	7/9/10		7.23	15.80
	10/5/10		10.82	12.21
	1/6/11		5.60	17.43
	10/6/11		10.75	12.28
	4/11/12		4.37	18.66
	10/18/12		11.54	11.49
	4/11/13		6.48	16.55
MW-7	2/5/04	21.48	3.84	17.64
	5/19/04		5.19	16.29
	8/30/04		9.42	12.06
	11/9/04		9.81	11.67
	7/20/05		5.52	15.96
	10/24/05		8.73	12.75
	2/9/06		2.90	18.58
	5/10/06		3.76	17.72
	7/27/06		6.10	15.38
	1/16/07		4.34	17.14
	4/10/07		3.87	17.61
	7/9/07		6.23	15.25
	10/9/07		9.06	12.42
	1/10/08		2.37	19.11
	4/14/08		4.34	17.14
	7/16/08		7.56	13.92
	11/10/08		9.61	11.87
	1/8/09		6.20	15.28
	4/14/09		4.51	16.97
	7/9/09		7.03	14.45
	10/8/09		10.07	11.41
	1/7/10		7.64	13.84
	4/7/10		2.96	18.52
	7/9/10		5.36	16.12
	10/5/10		8.71	12.77

Table B-2 Historical Groundwater Elevations Former Simpson Remanufacturing Facility, Arcata, California				
Location	Date	Top of Casing Elevation (feet) <sup>1</sup>	Depth-to-Water (feet) <sup>2</sup>	Groundwater Elevation (feet) <sup>1</sup>
MW-7 cont'd	1/6/11	21.48	3.84	17.64
	10/6/11		8.04	13.44
	4/11/12		2.54	18.94
	10/18/12		9.31	12.17
	4/11/13		4.44	17.04
MW-8	2/5/04	21.56	3.94	17.62
	5/19/04		5.24	16.32
	8/30/04		9.47	12.09
	11/9/04		9.79	11.77
	7/20/05		5.58	15.98
	10/24/05		8.78	12.78
	2/9/06		2.96	18.60
	5/10/06		3.87	17.69
	7/27/06		6.15	15.41
	1/16/07		4.38	17.18
	4/10/07		3.91	17.65
	7/9/07		6.29	15.27
	10/9/07		8.08	13.48
	1/10/08		3.26	18.30
	4/14/08		4.55	17.01
	7/16/08		7.60	13.96
	11/10/08		9.58	11.98
	1/8/09		6.88	14.68
	4/14/09		4.55	17.01
	7/9/09		7.06	14.50
	10/8/09		10.10	11.46
	1/7/10		7.85	13.71
	4/7/10		3.32	18.24
	7/9/10		5.39	16.17
	10/5/10		8.73	12.83
	1/6/11		3.95	17.61
	10/6/11		8.39	13.17
	4/11/12		3.13	18.43
	10/18/12		9.29	12.27
	4/11/13		4.58	16.98
1. Relative to National Geodetic Vertical Datum 1929 (NGVD29) 2. Below top of casing 3. NM: not measured				

**Table B-3**  
**Historical Groundwater Flow Direction and Gradient**  
**Former Simpson Remanufacturing Facility, Arcata, California**

Date	Groundwater Flow Direction	Gradient (ft/ft) <sup>1</sup>
2/5/04	Northwest	0.0015
5/19/04	Southeast	0.003
8/30/04	South-Southeast	0.005
11/9/04	South-Southeast	0.008
7/20/05	Southeast	0.001
10/24/05	Southeast	0.0025
2/9/06	Northwest	0.0091
5/10/06	Northwest	0.002
7/27/06	Southeast	0.004
1/16/07	South-Southeast	0.003
4/10/07	West-Northwest	0.002
7/9/07	Southeast	0.003
10/9/07	Southeast	0.005
1/10/08	Flow direction varied, generally to the north, west, and southwest	0.005 average
4/14/08	South	0.001
7/16/08	Southeast	0.004
11/10/08	Southeast	0.009
1/8/09	Southeast	0.007
4/14/09	Southeast	0.002
7/9/09	Southeast	0.003
10/8/09	Southeast	0.004
1/7/10	Southeast	0.009
4/7/10	Northwest	0.001
7/9/10	Southeast	0.002
10/5/10	Southeast	0.003
1/6/11	South-Southeast	0.0005
10/6/11	Southeast	0.007
4/11/12	West - Northwest	0.0006
10/18/12	Southeast	0.004
4/11/13	Southeast	0.003

1. ft/ft: feet per foot

**Table B-4**  
**Historical Groundwater Analytical Results**  
**Former Simpson Remanufacturing Facility, Arcata, California**  
**(in ug/L)<sup>1</sup>**

Sample Location	Sample Date	Phenols <sup>2</sup>	PCP <sup>3</sup>	TCP <sup>3</sup>	trans-1,2-DCE <sup>4</sup>	cis-1,2-DCE	Vinyl Chloride	Benzene	Total Xylenes
MW-1	2/5/04	ND <sup>5</sup>	<0.30 <sup>6</sup>	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
MW-2	2/5/04	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	5/19/04	NS <sup>7</sup>	NS	NS	NS	NS	NS	NS	NS
	8/30/04	ND	0.58	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	11/9/04	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
	7/20/05	N/A <sup>8</sup>	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	8/1/05	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	10/24/05	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	2/9/06	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
	5/10/06	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
	7/27/06	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<1.0
	1/16/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/10/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	10/9/07	N/A	N/A	N/A	<1.0	1.4	<1.0	<0.50	<1.0
	1/10/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/14/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/16/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	11/10/08	N/A	N/A	N/A	<1.0	1.1	<1.0	<0.50	<1.0
	1/8/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/14/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	10/8/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	1/7/10	N/A	N/A	N/A	<1.0	1.1	<1.0	<0.50	<1.0
	4/7/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	10/5/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	1/6/11	N/A	N/A	N/A	<1.0	<1.0	<0.50	<0.50	<1.0
	10/6/11	N/A	N/A	N/A	<1.0	<1.0	<0.50	<0.50	<1.0
	4/11/12	N/A	N/A	N/A	<0.50	<0.50	<0.50	<0.50	<1.0
	10/18/12	N/A	N/A	N/A	<0.50	<0.50	<0.50	<0.50	<1.0
	4/11/13	N/A	N/A	N/A	<0.50	<0.50	<0.50	<0.50	<1.0
MW-3	2/5/04	ND	<0.30	<1.0	<1.0	14	1.6	<0.50	<0.50
	5/19/04	ND	<0.30	<1.0	<1.0	19	2.4	0.70	<0.50
	8/30/04	ND	<0.30	<1.0	<1.0	30	2.8	0.66	<0.50
	11/9/04	ND	<0.30	<1.0	2.0	24	1.7	0.82	<1.0
	7/20/05	N/A	<0.30	<1.0	<1.0	15	1.7	<0.50	<0.50
	8/1/05	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	10/24/05	ND	<0.30	<1.0	<1.0	12	1.1	<0.50	<0.50
	2/9/06	ND	<0.30	<1.0	<1.0	25	2.6	0.58	<0.50
	5/10/06	ND	<0.30	<1.0	1.0	31	4.8	0.76	<1.0
	7/27/06	ND	<0.30	<1.0	<1.0	30	5.5	0.62	<1.0
	1/16/07	N/A	N/A	N/A	<1.0	20	1.2	<0.50	<1.0
	4/10/07	N/A	N/A	N/A	<1.0	22	6.1	0.71	<1.0
	7/9/07	N/A	N/A	N/A	<1.0	14	3.6	0.52	<1.0
	10/9/07	N/A	N/A	N/A	1.1	24	5.8	0.65	<1.0



**Table B-4**  
**Historical Groundwater Analytical Results**  
**Former Simpson Remanufacturing Facility, Arcata, California**  
**(in ug/L)<sup>1</sup>**

Sample Location	Sample Date	Phenols <sup>2</sup>	PCP <sup>3</sup>	TCP <sup>3</sup>	trans-1,2-DCE <sup>4</sup>	cis-1,2-DCE	Vinyl Chloride	Benzene	Total Xylenes
MW-3 cont'd	1/10/08	N/A	N/A	N/A	<1.0	2.9	<1.0	<0.50	<1.0
	4/14/08	N/A	N/A	N/A	<1.0	24	8.3	0.71	<1.0
	7/16/08	N/A	N/A	N/A	<1.0	11	2.5	<0.50	<1.0
	11/10/08	N/A	N/A	N/A	<1.0	29	5.5	0.99	<1.0
	1/8/09	N/A	N/A	N/A	<1.0	4.0	<1.0	<0.50	<1.0
	4/14/09	N/A	N/A	N/A	<1.0	9.1	2.8	<0.50	<1.0
	7/9/09	N/A	N/A	N/A	1.1	21	2.9	0.87	<1.0
	10/8/09	N/A	N/A	N/A	<1.0	26	4.4	1.1	<1.0
	1/7/10	N/A	N/A	N/A	<1.0	12	1.3	<0.50	<1.0
	4/7/10	N/A	N/A	N/A	<1.0	3.8	<1.0	<0.50	<1.0
	7/9/10	N/A	N/A	N/A	<1.0	12	2.7	0.50	<1.0
	10/5/10	N/A	N/A	N/A	<1.0	21	4.1	0.71	<1.0
	1/6/11	N/A	N/A	N/A	<1.0	5.9	0.66	<0.50	<1.0
	10/6/11	N/A	N/A	N/A	<1.0	8.5	1.9	<0.50	<1.0
	4/11/12	N/A	N/A	N/A	<0.50	6.0	0.77	<0.50	<1.0
	10/18/12	N/A	N/A	N/A	<0.50	20	4.6	0.89	<1.0
	4/11/13	N/A	N/A	N/A	<0.50	3.5	0.53	<0.50	<1.0
MW-4	2/5/04	ND	<0.30	<1.0	<1.0	1.5	<1.0	<0.50	<0.50
	10/6/11	N/A	N/A	N/A	<1.0	2.5	<0.50	<0.50	<1.0
	4/11/12	N/A	N/A	N/A	<0.50	0.5	<0.50	<0.50	<1.0
	10/18/12	N/A	N/A	N/A	<0.50	2.5	0.57	<0.50	<1.0
	4/11/13	N/A	N/A	N/A	<0.50	1.3	<0.50	<0.50	<1.0
MW-5	2/5/04	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
MW-6	2/5/04	ND	<0.30	<1.0	<1.0	<1.0	<1.0	<0.50	<0.50
MW-7	2/5/04	ND	<0.30	<1.0	<1.0	4.2	77	2.6	<0.50
	5/19/04	ND	<0.30	<1.0	<1.0	3.8	64	2.8	<0.50
	8/30/04	ND	<0.30	<1.0	<1.0	1.7	29	2.5	<0.50
	11/9/04	ND	<0.30	<1.0	<1.0	1.2	8.9	2.5	<1.0
	7/20/05	N/A	<0.30	<1.0	<1.0	<1.0	6.6	2.0	<0.50
	8/1/05	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	10/24/05	ND	<0.30	<1.0	<1.0	<1.0	3.9	1.8	<0.50
	2/9/06	ND	<0.30	<1.0	<1.0	<1.0	<1.0	0.66	<0.50
	5/10/06	ND	<0.30	<1.0	<1.0	<1.0	1.7	0.60	<1.0
	7/27/06	ND	<0.30	<1.0	<1.0	<1.0	3.2	0.89	<1.0
	1/16/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/10/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.59	<1.0
	10/9/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.84	<1.0
	1/10/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/14/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.71	<1.0
	7/16/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.71	<1.0
	11/10/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.66	<1.0
	1/8/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/14/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.57	<1.0
	7/9/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.93	<1.0
	10/8/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	0.77	<1.0
	1/7/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0

**Table B-4**  
**Historical Groundwater Analytical Results**  
**Former Simpson Remanufacturing Facility, Arcata, California**  
**(in ug/L)<sup>1</sup>**

Sample Location	Sample Date	Phenols <sup>2</sup>	PCP <sup>3</sup>	TCP <sup>3</sup>	trans-1,2-DCE <sup>4</sup>	cis-1,2-DCE	Vinyl Chloride	Benzene	Total Xylenes
MW-7 cont'd	4/7/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	10/5/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<b>0.55</b>	<1.0
	1/6/11	N/A	N/A	N/A	<1.0	<1.0	<0.50	<0.50	<1.0
	10/6/11 <sup>9</sup>	N/A	N/A	N/A	<1.0	<1.0	<0.50	<0.50	<1.0
	4/11/12	N/A	N/A	N/A	<0.50	<0.50	<0.50	<0.50	<1.0
	10/18/12	N/A	N/A	N/A	<0.50	<0.50	<0.50	<0.50	<1.0
	4/11/13	N/A	N/A	N/A	<0.50	<0.50	<0.50	<0.50	<1.0
MW-8	2/5/04	ND	<0.30	<1.0	<1.0	<1.0	<b>6.6</b>	<0.50	<b>0.70</b>
	5/19/04	ND	<0.30	<1.0	<1.0	<1.0	<b>3.4</b>	<0.50	<b>0.99</b>
	8/30/04	ND	<b>0.52</b>	<1.0	<1.0	<1.0	<b>2.4</b>	<0.50	<0.50
	11/9/04	ND	<0.30	<1.0	<1.0	<1.0	<b>2.6</b>	<0.50	<1.0
	7/20/05	N/A	<0.30	<1.0	<1.0	<1.0	<b>4.1</b>	<0.50	<0.50
	8/1/05	ND	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	10/24/05	ND	<0.30	<1.0	<1.0	<1.0	<b>5.4</b>	<0.50	<0.50
	2/9/06	ND	<0.30	<1.0	<1.0	<1.0	<b>2.0</b>	<0.50	<b>0.72</b>
	5/10/06	ND	<0.30	<1.0	<1.0	<1.0	<b>2.1</b>	<0.50	<1.0
	7/27/06	ND	<0.30	<1.0	<1.0	<1.0	<b>2.8</b>	<0.50	<1.0
	1/16/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/10/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	10/9/07	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	1/10/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/14/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/16/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	11/10/08	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	1/8/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/14/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	10/8/09	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	1/7/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	4/7/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	7/9/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	10/5/10	N/A	N/A	N/A	<1.0	<1.0	<1.0	<0.50	<1.0
	1/6/11	N/A	N/A	N/A	<1.0	<1.0	<0.50	<0.50	<1.0

1. ug/L: micrograms per liter
2. Phenols analyzed in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8270
3. Pentachlorophenol (PCP) and tetrachlorophenol (TCP) analyzed in general accordance with the Canadian Pulp Report Method
4. DCE: dichloroethene
5. ND: not detected
6. <: "less than" the stated method reporting limit
7. NS: not sampled
8. N/A: not analyzed
9. Toluene was detected in MW-7 at a concentration of 0.86 ug/L.



**Table B-5**  
**Historical Biodegradation Indicator Measurement Results**  
**Former Simpson Remanufacturing Facility, Arcata, California**

Sample Location	Sample Date	DO <sup>1</sup> (mg/L) <sup>2</sup>	DCO <sub>2</sub> <sup>3</sup> (mg/L)	ORP <sup>4</sup> (mV) <sup>5</sup>
MW-1	2/5/04	1.34	100	301
MW-2	2/5/04	9.89	25	296
	5/19/04	NM <sup>6</sup>	NM	NM
	8/30/04	0.48	40	2
	11/9/04	0.82	30	105
	7/20/05	0.46	30	184
	10/24/05	1.07	30	88
	2/9/06	7.99	40	110
	5/10/06	8.09	45	268
	7/27/06	3.93	40	247
	1/16/07	6.70	10	49
	4/10/07	8.20	35	142
	7/9/07	7.44	65	224
	10/9/07	0.28	55	164
	1/10/08	8.00	15	198
	4/14/08	8.20	45	215
	7/16/08	0.72	40	174
	11/10/08	1.96	50	-5
	1/8/09	1.85	35	278
	4/14/09	7.51	20	258
	7/9/09	8.00	45	95
	10/8/09	0.22	55	33
	1/7/10	1.15	70	75
	4/7/10	7.01	60	30
	7/9/10	2.20	65	125
	10/5/10	2.43	100	104
	1/6/11	4.09	50	68
	10/6/11	0.84	50	62
	4/11/12	6.82	30	7
	10/18/12	0.35	100	73
	4/11/13	7.50	40	203
MW-3	2/5/04	5.98	30	-116
	5/19/04	0.74	35	130
	8/30/04	0.43	60	-32
	11/9/04	0.69	35	66
	7/20/05	0.48	30	186
	10/24/05	1.02	30	-60
	2/9/06	2.63	45	-13
	5/10/06	2.19	70	158
	7/27/06	3.03	75	244
	1/16/07	2.20	15	83
	4/10/07	1.32	30	142
	7/9/07	0.26	50	225

Table B-5 Historical Biodegradation Indicator Measurement Results Former Simpson Remanufacturing Facility, Arcata, California				
Sample Location	Sample Date	DO <sup>1</sup> (mg/L) <sup>2</sup>	DCO <sub>2</sub> <sup>3</sup> (mg/L)	ORP <sup>4</sup> (mV) <sup>5</sup>
MW-3 cont'd	10/9/07	0.33	70	152
	1/10/08	7.12	20	200
	4/14/08	0.35	40	213
	7/16/08	0.70	45	123
	11/10/08	2.27	70	-200
	1/8/09	5.18	25	285
	4/14/09	1.80	20	269
	7/9/09	0.60	65	248
	10/8/09	0.34	55	5
	1/7/10	2.62	50	92
	4/7/10	3.76	140	66
	7/9/10	0.27	75	-24
	10/5/10	1.52	200	0
	1/6/11	2.20	100	7
	10/6/11	0.87	75	41
	4/11/12	0.40	55	-2
	10/18/12	0.31	300	-80
	4/11/13	1.38	90	184
MW-4	2/5/04	5.63	50	298
	10/6/11	1.71	60	55
	4/11/12	2.65	35	-21
	10/18/12	0.32	100	11
	4/11/13	1.50	60	90
MW-5	2/5/04	1.37	80	323
MW-6	2/5/04	3.36	70	332
MW-7	2/5/04	1.29	120	245
	5/19/04	0.51	90	34
	8/30/04	0.45	100	49
	11/9/04	0.70	110	94
	7/20/05	0.44	150	33
	10/24/05	1.05	50	54
	2/9/06	2.69	175	-42
	5/10/06	1.30	95	62
	7/27/06	2.39	180	214
	1/16/07	0.30	115	29
	4/10/07	0.47	200	-15
	7/9/07	0.12	250	43
	10/9/07	0.15	190	103
	1/10/08	0.52	170	224
	4/14/08	0.37	250	109
	7/16/08	0.18	200	48
	11/10/08	0.21	300	-46
	1/8/09	0.24	125	245



<p align="center"><b>Table B-5</b>  <b>Historical Biodegradation Indicator Measurement Results</b>  <b>Former Simpson Remanufacturing Facility, Arcata, California</b></p>				
<b>Sample Location</b>	<b>Sample Date</b>	<b>DO<sup>1</sup> (mg/L)<sup>2</sup></b>	<b>DCO<sub>2</sub><sup>3</sup> (mg/L)</b>	<b>ORP<sup>4</sup> (mV)<sup>5</sup></b>
MW-7 cont'd	4/14/09	0.21	200	42
	7/9/09	0.30	OR <sup>7</sup>	119
	10/8/09	0.31	180	36
	1/7/10	1.50	135	123
	4/7/10	0.48	400	80
	7/9/10	0.18	200	-56
	10/5/10	0.73	275	-45
	1/6/11	1.19	200	7
	10/6/11	0.99	250	-38
	4/11/12	0.28	300	37
	10/18/12	0.35	500	-32
	4/11/13	0.87	200	143
MW-8	2/5/04	1.33	120	219
	5/19/04	0.78	600	-31
	8/30/04	0.52	400	43
	11/9/04	0.72	350	30
	7/20/05	0.49	500	-18
	10/24/05	1.02	250	-51
	2/9/06	2.58	400	-61
	5/10/06	1.27	300	-31
	7/27/06	2.62	500	76
	1/16/07	0.30	140	26
	4/10/07	1.02	350	2
	7/9/07	0.14	600	20
	10/9/07	8.49	570	78
	1/10/08	0.38	185	88
	4/14/08	1.64	700	65
	7/16/08	7.84	500	-10
	11/10/08	0.21	350	-94
	1/8/09	0.23	150	132
	4/14/09	0.26	325	102
	7/9/09	0.6	OR	42
	10/8/09	0.21	225	-137
	1/7/10	0.40	225	-4
	4/7/10	0.45	375	-10
	7/9/10	0.61	450	-120
	10/5/10	0.92	400	-77
	1/6/11	1.41	475	-77
<p>1. DO: dissolved oxygen; field measured using portable instrumentation  2. mg/L: milligrams per liter  3. DCO<sub>2</sub>: dissolved carbon dioxide; field measured using portable instrumentation  4. ORP: oxidation-reduction potential  5. mV: millivolts  6. NM: not measured  7. OR: out of range</p>				

**Table B-6**  
**Historical Natural Attenuation Indicator Results**  
**Former Simpson Remanufacturing Facility, Arcata, California**

Sample Location	Sample Date	Alkalinity <sup>1</sup> (mg/L CaCO <sub>3</sub> ) <sup>2</sup>	Chloride (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Dissolved Iron (ug/L) <sup>3</sup>	Dissolved Manganese (ug/L)	Ethene (ug/L)	Ethane (ug/L)
MW-2	7/20/05	45	8.9	5.0	1.2	<100 <sup>4</sup>	2.8	N/A <sup>5</sup>	N/A
	10/24/05	97	10	2.8	0.6	<100	35	N/A	N/A
	2/9/06	62	4.6	7.8	4.7	<100	<2.0	N/A	N/A
	5/10/06	36	5.1	5.6	5.5	<100	2.3	N/A	N/A
	7/27/06	52	6.6	3.7	2.0	<100	3.6	N/A	N/A
	1/16/07	34	5.2	5.1	2.8	<100	<5.0	<2.38	<1.63
	4/10/07	40	6.0	3.7	2.0	<100	2.2	<2.38	<1.63
	7/9/07	60	10	3.6	0.89	<100	<10	<1.00	<1.00
	10/9/07	100	11	4.9	<0.10	<100	97	<1.00	<1.00
	1/10/08	33	11	3.5	7.1	<100	2.5	<1.00	<1.00
	4/14/08	50	8.2	3.0	1.4	<100	<2.0	N/A	N/A
	7/16/08	84	13	3.4	0.73	<100	6.5	N/A	N/A
	11/10/08	130	13	1.8	<0.10	<100	120	N/A	N/A
	1/8/09	95	13	2.6	1.4	<100	45	N/A	N/A
	4/14/09	42	8.2	3.9	2.4	<100	4.9	N/A	N/A
	7/9/09	44	34	5.6	1.2	<100	12	N/A	N/A
	10/8/09	99	16	3.6	0.12	<100	86	N/A	N/A
	1/7/10	120	15	1.6	0.78	<100	100	N/A	N/A
	4/7/10	36	6.8	3.5	6.1	100	6.1	N/A	N/A
	7/9/10	51	10	6.0	2.7	<100	8.4	N/A	N/A
	10/5/10	100	14	3.3	1.6	390	58	N/A	N/A
MW-3	1/6/11	44	9.1	5.1	3.1	N/A	N/A	N/A	N/A
	1/11/11	N/A	N/A	N/A	N/A	<100	4.2	N/A	N/A
	7/20/05	85	6.5	2.5	0.24	490	290	N/A	N/A
	10/24/05	130	9.3	0.55	0.10	1,800	480	N/A	N/A
	2/9/06	130	10	0.57	<0.10	470	580	N/A	N/A
	5/10/06	150	9.8	1.1	<0.10	2,400	890	N/A	N/A
	7/27/06	200	11	0.71	<0.10	1,600	770	N/A	N/A
	1/16/07	74	0.21	2.6	0.99	<100	54	<2.38	<1.63
	4/10/07	130	10	1.5	<0.10	810	640	<2.38	<1.63
	7/9/07	120	8.7	1.7	0.19	800	410	<1.00	<1.00
	10/9/07	120	12	1.1	<0.10	3,000	750	<1.00	<1.00
	1/10/08	29	17	5.5	4.9	<100	11	<1.00	<1.00
	4/14/08	110	9.7	1.3	0.24	220	470	N/A	N/A
	7/16/08	100	8.8	1.8	0.62	460	300	N/A	N/A
	11/10/08	130	12	<0.50	<0.10	3,000	800	N/A	N/A
	1/8/09	59	8.3	2.7	1.7	<100	53	N/A	N/A
	4/14/09	72	11	2.0	1.7	<100	130	N/A	N/A
	7/9/09	93	10	1.8	0.82	360	240	N/A	N/A
	10/8/09	140	14	0.89	<0.10	4,000	990	N/A	N/A
	1/7/10	70	7.9	2.6	1.1	370	160	N/A	N/A
MW-7	4/7/10	39	8.9	6.9	4.4	<100	15	N/A	N/A
	7/9/10	95	11	3.0	1.0	310	220	N/A	N/A
	10/5/10	120	11	1.4	0.36	1,600	480	N/A	N/A
	1/6/11	55	38	19	0.16	<100	24	N/A	N/A
	7/20/05	190	11	7.1	<0.10	7,500	740	N/A	N/A
	10/24/05	150	10	12	<0.10	6,300	570	N/A	N/A
	2/9/06	160	8.7	7.0	<0.10	2,500	730	N/A	N/A
	5/10/06	210	8.3	5.2	<0.10	4,000	1,100	N/A	N/A
	7/27/06	150	9.6	1.9	<0.10	5,700	740	N/A	N/A

**Table B-6**  
**Historical Natural Attenuation Indicator Results**  
**Former Simpson Remanufacturing Facility, Arcata, California**

Sample Location	Sample Date	Alkalinity <sup>1</sup> (mg/L CaCO <sub>3</sub> ) <sup>2</sup>	Chloride (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Dissolved Iron (ug/L) <sup>3</sup>	Dissolved Manganese (ug/L)	Ethene (ug/L)	Ethane (ug/L)
MW-7 cont'd	1/16/07	150	13	6.8	<0.10	1,500	940	<2.38	<1.63
	4/10/07	170	8.9	2.7	<0.10	4,000	1,100	<2.38	<1.63
	7/9/07	170	10	<0.50	<0.10	6,800	940	<1.00	<1.00
	10/9/07	140	12	2.8	<0.10	8,100	790	<1.00	<1.00
	1/10/08	100	6.6	16	<0.10	200	630	<1.00	<1.00
	4/14/08	170	8.3	0.67	<0.10	3,100	880	N/A	N/A
	7/16/08	160	10	<0.50	<0.10	4,800	930	N/A	N/A
	11/10/08	120	19	8.1	<0.10	4,000	420	N/A	N/A
	1/8/09	120	12	36	<0.10	1,500	260	N/A	N/A
	4/14/09	160	6.0	2.0	<0.10	2,500	790	N/A	N/A
	7/9/09	180	12	<0.50	<0.10	4,200	740	N/A	N/A
	10/8/09	170	14	0.97	0.68	6,100	790	N/A	N/A
	1/7/10	110	14	63	0.14	440	78	N/A	N/A
	4/7/10	150	4.6	6.4	<0.10	810	970	N/A	N/A
	7/9/10	170	6.5	<0.50	<0.10	3,000	730	N/A	N/A
	10/5/10	170	11	<0.50	<0.10	4,300	760	N/A	N/A
	1/6/11	120	8.9	4.2	0.16	1,200	350	N/A	N/A
MW-8	7/20/05	190	17	<0.50	<0.10	15,000	1,900	N/A	N/A
	10/24/05	220	19	<0.50	<0.10	19,000	2,200	N/A	N/A
	2/9/06	210	16	<0.50	<0.10	14,000	1,800	N/A	N/A
	5/10/06	190	17	<0.50	<0.10	13,000	1,600	N/A	N/A
	7/27/06	270	1.8	22	<0.10	20,000	2,600	N/A	N/A
	1/16/07	160	11	13	<0.10	7,400	1,900	<2.38	<1.63
	4/10/07	180	12	1.3	<0.10	11,000	2,000	<2.38	<1.63
	7/9/07	230	16	<0.50	<0.10	17,000	2,500	<1.00	<1.00
	10/9/07	290	27	<0.50	<0.10	23,000	3,200	<1.00	<1.00
	1/10/08	160	10	10	<0.10	13,000	1,600	<1.00	<1.00
	4/14/08	180	9.1	<0.50	<0.10	14,000	2,000	N/A	N/A
	7/16/08	260	17	<0.50	<0.10	21,000	2,800	N/A	N/A
	11/10/08	160	31	13	<0.10	18,000	2,200	N/A	N/A
	1/8/09	120	17	30	<0.10	9,400	1,100	N/A	N/A
	4/14/09	170	8.6	0.75	<0.10	9,700	1,500	N/A	N/A
	7/9/09	210	13	<0.50	<0.10	15,000	2,000	N/A	N/A
	10/8/09	130	44	<0.50	0.66	22,000	3,000	N/A	N/A
	1/7/10	120	17	33	<0.10	10,000	1,200	N/A	N/A
	4/7/10	180	12	1.7	<0.10	13,000	1,900	N/A	N/A
	7/9/10	220	7.9	<0.50	<0.10	14,000	2,900	N/A	N/A
	10/5/10	280	18	<0.50	<0.10	18,000	3,300	N/A	N/A
	1/6/11	180	16	2.0	0.19	14,000	2,200	N/A	N/A

1. Alkalinity analyzed in general accordance with Standard Method 19<sup>th</sup> or 20<sup>th</sup> Editions 2320B
2. mg/L CaCO<sub>3</sub>: milligrams per liter as calcium carbonate
3. ug/L: micrograms per liter
4. <: "less than" the stated method reporting limit
5. N/A: not analyzed

**Table B-7**  
**Groundwater Analytical Data, Southern Lunchroom Area, January 21, 2004**  
**Former Simpson Remanufacturing Facility**  
**Arcata, California**  
**(in ug/L)<sup>1</sup>**

Sample Location	Phenols <sup>2</sup>	PCP <sup>3</sup>	TCP <sup>3</sup>	trans-1,2-DCE <sup>4,5</sup>	cis-1,2-DCE <sup>5,6</sup>	Vinyl Chloride	Benzene <sup>5</sup>	Ethylbenzene <sup>5</sup>	Total Xylenes <sup>5</sup>
SLR-1S	ND <sup>7</sup>	<0.30 <sup>8</sup>	<1.0	2.6	16	<1.0	<0.50	<0.50	0.55
SLR-2S	ND	<0.30	<1.0	<1.0	2.8	<1.0	<0.50	<0.50	<0.50
SLR-3S	ND	<0.30	<1.0	4.1	200	3.7	3.8	0.61	0.55

1. ug/L: micrograms per liter
2. Phenols analyzed in general accordance with EPA Method No. 8270
3. Pentachlorophenol (PCP) and tetrachlorophenol (TCP) analyzed in general accordance with the Canadian Pulp Report Method
4. trans-1,2-DCE: trans-1,2-dichloroethene analyzed in accordance with EPA Method No. 8260B
5. Only volatile organic compounds (VOCs) with detectible concentrations are listed
6. cis-1,2-DCE: cis-1,2-dichloroethene analyzed in accordance with EPA Method No. 8260B
7. ND: not detected
8. <: "less than" the stated method reporting limit







**NORTH COAST  
LABORATORIES LTD.**

October 24, 2012

SHN Consulting Engineers and Geologists  
812 West Wabash Avenue  
Eureka, CA 95501

Attn: Diana Ward

RE: 003154 STC Arcata Reman Facility

Order No.: 1210345

Invoice No.: 105843

PO No.:

ELAP No.1247-Expires July 2014

**SAMPLE IDENTIFICATION**

Fraction      Client Sample Description

01A	MW-2
02A	MW-4
03A	MW-7
04A	MW-3
05A	DUP

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

**REPORT CERTIFIED BY**

Laboratory Supervisor(s)

QA Unit

Jesse G. Chaney, Jr.  
Laboratory Director

**North Coast Laboratories, Ltd.**

Date: 02-Nov-2012

**CLIENT:** SHN Consulting Engineers and Geologists  
**Project:** 003154 STC Arcata Reman Facility  
**Lab Order:** 1210345

**CASE NARRATIVE****EPA 8260B:**

The laboratory control sample (LCS) recoveries were above the upper acceptance limits for carbon tetrachloride and trans-1,3-dichloropropene. The elevated recoveries equate to a high bias. There were no detectable levels of these analytes in the sample; therefore, the data were accepted.

The surrogate recovery of dibromofluoromethane in Sample MW-7 was above the upper acceptance limit. The elevated recovery equates to a high bias. No compounds associated with this surrogate were reported above their method reporting limit, therefore the data were approved.



Date: 24-Oct-2012  
WorkOrder: 1210345

## ANALYTICAL REPORT

Client Sample ID: MW-2  
Lab ID: 1210345-01A

Received: 10/18/2012  
Collected: 10/18/2012 12:45

Test Name: EPA 8260B

Reference: EPA 8260B

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND		0.50	µg/L	1.0		10/20/2012
Vinyl chloride	ND		0.50	µg/L	1.0		10/20/2012
Bromomethane	ND		0.50	µg/L	1.0		10/20/2012
Chloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichlorofluoromethane	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
Methylene chloride	ND		0.50	µg/L	1.0		10/20/2012
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
Chloroform	ND		0.50	µg/L	1.0		10/20/2012
Carbon Tetrachloride	ND		0.50	µg/L	1.0		10/20/2012
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Benzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloropropane	ND		1.0	µg/L	1.0		10/20/2012
Bromodichloromethane	ND		0.50	µg/L	1.0		10/20/2012
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
Toluene	ND		0.50	µg/L	1.0		10/20/2012
Tetrachloroethene	ND		0.50	µg/L	1.0		10/20/2012
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Dibromochloromethane	ND		0.50	µg/L	1.0		10/20/2012
Chlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Ethylbenzene	ND		0.50	µg/L	1.0		10/20/2012
m,p-Xylene	ND		0.50	µg/L	1.0		10/20/2012
o-Xylene	ND		0.50	µg/L	1.0		10/20/2012
Bromoform	ND		0.50	µg/L	1.0		10/20/2012
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		10/20/2012
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Surrogate: 1,2-Dichloroethane-d4	95.9		70-130	% Rec	1.0		10/20/2012
Surrogate: Dibromofluoromethane	96.7		70.9-120	% Rec	1.0		10/20/2012
Surrogate: Toluene-d8	96.3		70-130	% Rec	1.0		10/20/2012



Date: 24-Oct-2012  
WorkOrder: 1210345

## ANALYTICAL REPORT

Client Sample ID: MW-4  
Lab ID: 1210345-02A

Received: 10/18/2012  
Collected: 10/18/2012 13:35

Test Name: EPA 8260B

Reference: EPA 8260B

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND		0.50	µg/L	1.0		10/20/2012
<b>Vinyl chloride</b>	<b>0.57</b>		0.50	µg/L	1.0		10/20/2012
Bromomethane	ND		0.50	µg/L	1.0		10/20/2012
Chloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichlorofluoromethane	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
Methylene chloride	ND		0.50	µg/L	1.0		10/20/2012
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
<b>cis-1,2-Dichloroethene</b>	<b>2.5</b>		0.50	µg/L	1.0		10/20/2012
Chloroform	ND		0.50	µg/L	1.0		10/20/2012
Carbon Tetrachloride	ND		0.50	µg/L	1.0		10/20/2012
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Benzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloropropane	ND		1.0	µg/L	1.0		10/20/2012
Bromodichloromethane	ND		0.50	µg/L	1.0		10/20/2012
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
Toluene	ND		0.50	µg/L	1.0		10/20/2012
Tetrachloroethene	ND		0.50	µg/L	1.0		10/20/2012
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Dibromochloromethane	ND		0.50	µg/L	1.0		10/20/2012
Chlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Ethylbenzene	ND		0.50	µg/L	1.0		10/20/2012
m,p-Xylene	ND		0.50	µg/L	1.0		10/20/2012
o-Xylene	ND		0.50	µg/L	1.0		10/20/2012
Bromoform	ND		0.50	µg/L	1.0		10/20/2012
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		10/20/2012
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Surrogate: 1,2-Dichloroethane-d4	98.4		70-130	% Rec	1.0		10/20/2012
Surrogate: Dibromofluoromethane	97.2		70.9-120	% Rec	1.0		10/20/2012
Surrogate: Toluene-d8	96.6		70-130	% Rec	1.0		10/20/2012



Date: 24-Oct-2012  
WorkOrder: 1210345

## ANALYTICAL REPORT

Client Sample ID: MW-7  
Lab ID: 1210345-03A

Received: 10/18/2012  
Collected: 10/18/2012 14:25

Test Name: EPA 8260B

Reference: EPA 8260B

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND		0.50	µg/L	1.0		10/20/2012
Vinyl chloride	ND		0.50	µg/L	1.0		10/20/2012
Bromomethane	ND		0.50	µg/L	1.0		10/20/2012
Chloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichlorofluoromethane	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
Methylene chloride	ND		0.50	µg/L	1.0		10/20/2012
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
Chloroform	ND		0.50	µg/L	1.0		10/20/2012
Carbon Tetrachloride	ND		0.50	µg/L	1.0		10/20/2012
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Benzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloropropane	ND		1.0	µg/L	1.0		10/20/2012
Bromodichloromethane	ND		0.50	µg/L	1.0		10/20/2012
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
<b>Toluene</b>	<b>0.51</b>		0.50	µg/L	1.0		10/20/2012
Tetrachloroethene	ND		0.50	µg/L	1.0		10/20/2012
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Dibromochloromethane	ND		0.50	µg/L	1.0		10/20/2012
Chlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Ethylbenzene	ND		0.50	µg/L	1.0		10/20/2012
m,p-Xylene	ND		0.50	µg/L	1.0		10/20/2012
o-Xylene	ND		0.50	µg/L	1.0		10/20/2012
Bromoform	ND		0.50	µg/L	1.0		10/20/2012
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		10/20/2012
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Surrogate: 1,2-Dichloroethane-d4	96.6		70-130	% Rec	1.0		10/20/2012
Surrogate: Dibromofluoromethane	153		70.9-120	% Rec	1.0		10/20/2012
Surrogate: Toluene-d8	96.8		70-130	% Rec	1.0		10/20/2012

Date: 24-Oct-2012  
WorkOrder: 1210345

## ANALYTICAL REPORT

Client Sample ID: MW-3

Received: 10/18/2012

Lab ID: 1210345-04A

Collected: 10/18/2012 15:20

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Chloromethane	ND		0.50	µg/L	1.0		10/20/2012
<b>Vinyl chloride</b>	<b>4.6</b>		0.50	µg/L	1.0		10/20/2012
Bromomethane	ND		0.50	µg/L	1.0		10/20/2012
Chloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichlorofluoromethane	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
Methylene chloride	ND		0.50	µg/L	1.0		10/20/2012
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
<b>cis-1,2-Dichloroethene</b>	<b>20</b>		0.50	µg/L	1.0		10/20/2012
Chloroform	ND		0.50	µg/L	1.0		10/20/2012
Carbon Tetrachloride	ND		0.50	µg/L	1.0		10/20/2012
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
<b>Benzene</b>	<b>0.89</b>		0.50	µg/L	1.0		10/20/2012
1,2-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloropropane	ND		1.0	µg/L	1.0		10/20/2012
Bromodichloromethane	ND		0.50	µg/L	1.0		10/20/2012
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
Toluene	ND		0.50	µg/L	1.0		10/20/2012
Tetrachloroethene	ND		0.50	µg/L	1.0		10/20/2012
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Dibromochloromethane	ND		0.50	µg/L	1.0		10/20/2012
Chlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Ethylbenzene	ND		0.50	µg/L	1.0		10/20/2012
m,p-Xylene	ND		0.50	µg/L	1.0		10/20/2012
o-Xylene	ND		0.50	µg/L	1.0		10/20/2012
Bromoform	ND		0.50	µg/L	1.0		10/20/2012
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		10/20/2012
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Surrogate: 1,2-Dichloroethane-d4	98.7		70-130	% Rec	1.0		10/20/2012
Surrogate: Dibromofluoromethane	95.4		70.9-120	% Rec	1.0		10/20/2012
Surrogate: Toluene-d8	98.1		70-130	% Rec	1.0		10/20/2012



Date: 24-Oct-2012

WorkOrder: 1210345

## ANALYTICAL REPORT

Client Sample ID: DUP

Lab ID: 1210345-05A

Received: 10/18/2012

Collected: 10/18/2012 00:00

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Chloromethane	ND		0.50	µg/L	1.0		10/20/2012
<b>Vinyl chloride</b>	<b>4.8</b>		0.50	µg/L	1.0		10/20/2012
Bromomethane	ND		0.50	µg/L	1.0		10/20/2012
Chloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichlorofluoromethane	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
Methylene chloride	ND		0.50	µg/L	1.0		10/20/2012
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,1-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
<b>cis-1,2-Dichloroethene</b>	<b>22</b>		0.50	µg/L	1.0		10/20/2012
Chloroform	ND		0.50	µg/L	1.0		10/20/2012
Carbon Tetrachloride	ND		0.50	µg/L	1.0		10/20/2012
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
<b>Benzene</b>	<b>0.95</b>		0.50	µg/L	1.0		10/20/2012
1,2-Dichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Trichloroethene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichloropropane	ND		1.0	µg/L	1.0		10/20/2012
Bromodichloromethane	ND		0.50	µg/L	1.0		10/20/2012
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
Toluene	ND		0.50	µg/L	1.0		10/20/2012
Tetrachloroethene	ND		0.50	µg/L	1.0		10/20/2012
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		10/20/2012
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		10/20/2012
Dibromochloromethane	ND		0.50	µg/L	1.0		10/20/2012
Chlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Ethylbenzene	ND		0.50	µg/L	1.0		10/20/2012
m,p-Xylene	ND		0.50	µg/L	1.0		10/20/2012
o-Xylene	ND		0.50	µg/L	1.0		10/20/2012
Bromoform	ND		0.50	µg/L	1.0		10/20/2012
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		10/20/2012
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		10/20/2012
Surrogate: 1,2-Dichloroethane-d4	96.4		70-130	% Rec	1.0		10/20/2012
Surrogate: Dibromofluoromethane	93.2		70.9-120	% Rec	1.0		10/20/2012
Surrogate: Toluene-d8	99.1		70-130	% Rec	1.0		10/20/2012



**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1210345  
**Project:** 003154 STC Arcata Reman Facility

**QC SUMMARY REPORT**  
 Method Blank

Sample ID: MB 102012	Batch ID: R72363	Test Code: 8260EW	Units: µg/L	Analysis Date 10/20/2012 11:05:00	Prep Date:						
Client ID:	Run ID: ORGCMS2_121020A	SeqNo: 1051499									
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Bromomethane	ND	0.50									
Chloroethane	ND	0.50									
Trichlorofluoromethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
Methylene chloride	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
1,1-Dichloroethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
Chloroform	ND	0.50									
Carbon Tetrachloride	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
Benzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Trichloroethene	ND	0.50									
1,2-Dichloropropane	ND	1.0									
Bromodichloromethane	ND	0.50									
cis-1,3-Dichloropropene	ND	1.0									
Toluene	ND	0.50									
Tetrachloroethene	ND	0.50									
trans-1,3-Dichloropropene	ND	1.0									
1,1,2-Trichloroethane	ND	0.50									
Dibromochloromethane	ND	0.50									
Chlorobenzene	ND	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	0.50									
o-Xylene	ND	0.50									

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1210345  
**Project:** 003154 STC Arcata Reman Facility

## QC SUMMARY REPORT

Method Blank

Bromoform	ND	0.50						
1,1,2,2-Tetrachloroethane	ND	0.50						
1,3-Dichlorobenzene	ND	0.50						
1,4-Dichlorobenzene	ND	0.50						
1,2-Dichlorobenzene	ND	0.50						
Surrogate: Dibromofluoromethane	0.916	0.10	1.00	0	91.6%	77	125	0
Surrogate: 1,2-Dichloroethane-d4	0.928	0.10	1.00	0	92.7%	73	132	0
Surrogate: Toluene-d8	0.962	0.10	1.00	0	96.2%	81	124	0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1210345  
**Project:** 003154 STC Arcata Reman Facility

**QC SUMMARY REPORT**  
 Laboratory Control Spike

Sample ID: LCS-12363	Batch ID: R72363	Test Code: 8260EW	Units: µg/L	Analysis Date: 10/20/2012 09:39:00	Prep Date:						
Client ID:	Run ID: ORGCMS2_121020A	SeqNo: 1051496									
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	13.80	0.50	20.0	0	69.0%	44	131	0			
Vinyl chloride	15.77	0.50	20.0	0	78.9%	51	133	0			
Bromomethane	14.29	0.50	20.0	0	71.5%	42	142	0			
Chloroethane	17.46	0.50	20.0	0	87.3%	55	132	0			
Trichlorofluoromethane	19.33	0.50	20.0	0	96.7%	47	138	0			
1,1-Dichloroethene	17.72	0.50	20.0	0	88.6%	55	126	0			
Methylene chloride	14.51	0.50	20.0	0	72.5%	53	128	0			
trans-1,2-Dichloroethene	23.53	0.50	20.0	0	118%	53	135	0			
1,1-Dichloroethane	18.45	0.50	20.0	0	92.2%	62	118	0			
cis-1,2-Dichloroethene	21.92	0.50	20.0	0	110%	72	119	0			
Chloroform	20.03	0.50	20.0	0	100%	65	126	0			
Carbon Tetrachloride	28.59	0.50	20.0	0	143%	58	140	0			S
1,1,1-Trichloroethane	23.81	0.50	20.0	0	119%	61	132	0			
Benzene	20.33	0.50	20.0	0	102%	74	118	0			
1,2-Dichloroethane	19.76	0.50	20.0	0	98.8%	68	128	0			
Trichloroethene	18.39	0.50	20.0	0	92.0%	75	113	0			
1,2-Dichloropropane	16.59	1.0	20.0	0	82.9%	63	126	0			
Bromodichloromethane	16.28	0.50	20.0	0	81.4%	69	124	0			
cis-1,3-Dichloropropene	19.59	1.0	20.0	0	98.0%	63	133	0			
Toluene	19.80	0.50	20.0	0	99.0%	76	133	0			
Tetrachloroethene	13.72	0.50	20.0	0	68.6%	60	129	0			
trans-1,3-Dichloropropene	27.99	1.0	20.0	0	140%	66	139	0			S
1,1,2-Trichloroethane	20.62	0.50	20.0	0	103%	64	132	0			
Dibromochloromethane	20.94	0.50	20.0	0	105%	72	135	0			
Chlorobenzene	19.53	0.50	20.0	0	97.7%	79	119	0			
Ethylbenzene	22.86	0.50	20.0	0	114%	77	129	0			
m,p-Xylene	43.32	0.50	40.0	0	108%	82	129	0			
o-Xylene	19.44	0.50	20.0	0	97.2%	84	126	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists

**Work Order:** 1210345

**Project:** 003154 STC Arcata Reman Facility

## QC SUMMARY REPORT

Laboratory Control Spike

Bromoform	20.60	0.50	20.0	0	103%	71	129	0
1,1,2,2-Tetrachloroethane	22.08	0.50	20.0	0	110%	62	138	0
1,3-Dichlorobenzene	19.10	0.50	20.0	0	95.5%	73	128	0
1,4-Dichlorobenzene	19.61	0.50	20.0	0	98.0%	79	121	0
1,2-Dichlorobenzene	19.17	0.50	20.0	0	95.8%	73	122	0
Surrogate: Dibromofluoromethane	1.14	0.10	1.00	0	114%	71	120	0
Surrogate: 1,2-Dichloroethane-d4	1.05	0.10	1.00	0	105%	70	130	0
Surrogate: Toluene-d8	0.948	0.10	1.00	0	94.8%	70	130	0

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1210345  
**Project:** 003154 STC Arcata Reman Facility

## QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID: LCSD-12363	Batch ID: R72363	Test Code: 8260EW	Units: µg/L	Analysis Date: 10/20/2012 10:08:00	Prep Date:						
Client ID:	Run ID: ORGCMS2_121020A	SeqNo: 1051497									
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	17.23	0.50	20.0	0	86.2%	44	131	13.8	22.1%	30	
Vinyl chloride	18.90	0.50	20.0	0	94.5%	51	133	15.8	18.1%	30	
Bromomethane	16.06	0.50	20.0	0	80.3%	42	142	14.3	11.7%	30	
Chloroethane	19.93	0.50	20.0	0	99.6%	55	132	17.5	13.2%	30	
Trichlorofluoromethane	24.21	0.50	20.0	0	121%	47	138	19.3	22.4%	30	
1,1-Dichloroethene	21.92	0.50	20.0	0	110%	55	126	17.7	21.2%	30	
Methylene chloride	14.49	0.50	20.0	0	72.5%	53	128	14.5	0.0935%	30	
trans-1,2-Dichloroethene	19.55	0.50	20.0	0	97.7%	53	135	23.5	18.5%	30	
1,1-Dichloroethane	18.73	0.50	20.0	0	93.6%	62	118	18.4	1.51%	30	
cis-1,2-Dichloroethene	19.28	0.50	20.0	0	96.4%	72	119	21.9	12.8%	30	
Chloroform	18.27	0.50	20.0	0	91.3%	65	126	20.0	9.23%	30	
Carbon Tetrachloride	21.68	0.50	20.0	0	108%	58	140	28.6	27.5%	30	
1,1,1-Trichloroethane	18.96	0.50	20.0	0	94.8%	61	132	23.8	22.7%	30	
Benzene	20.11	0.50	20.0	0	101%	74	118	20.3	1.10%	30	
1,2-Dichloroethane	18.45	0.50	20.0	0	92.3%	68	128	19.8	6.87%	30	
Trichloroethene	19.56	0.50	20.0	0	97.8%	75	113	18.4	6.15%	30	
1,2-Dichloropropane	20.98	1.0	20.0	0	105%	63	126	16.6	23.4%	30	
Bromodichloromethane	21.08	0.50	20.0	0	105%	69	124	16.3	25.7%	30	
cis-1,3-Dichloropropene	26.16	1.0	20.0	0	131%	63	133	19.6	28.7%	30	
Toluene	18.74	0.50	20.0	0	93.7%	76	133	19.8	5.54%	30	
Tetrachloroethene	13.88	0.50	20.0	0	69.4%	60	129	13.7	1.16%	30	
trans-1,3-Dichloropropene	27.61	1.0	20.0	0	138%	66	139	28.0	1.35%	30	
1,1,2-Trichloroethane	20.22	0.50	20.0	0	101%	64	132	20.6	1.95%	30	
Dibromochloromethane	22.74	0.50	20.0	0	114%	72	135	20.9	8.24%	30	
Chlorobenzene	19.80	0.50	20.0	0	99.0%	79	119	19.5	1.35%	30	
Ethylbenzene	22.66	0.50	20.0	0	113%	77	129	22.9	0.913%	30	
m,p-Xylene	43.15	0.50	40.0	0	108%	82	129	43.3	0.391%	30	
o-Xylene	19.60	0.50	20.0	0	98.0%	84	126	19.4	0.844%	30	
Bromoform	21.39	0.50	20.0	0	107%	71	129	20.6	3.78%	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists

**Work Order:** 1210345

**Project:** 003154 STC Arcata Reman Facility

## QC SUMMARY REPORT

Laboratory Control Spike Duplicate

1,1,2,2-Tetrachloroethane	22.39	0.50	20.0	0	112%	62	138	22.1	1.40%	30
1,3-Dichlorobenzene	18.87	0.50	20.0	0	94.4%	73	128	19.1	1.21%	30
1,4-Dichlorobenzene	19.52	0.50	20.0	0	97.6%	79	121	19.6	0.437%	30
1,2-Dichlorobenzene	19.19	0.50	20.0	0	96.0%	73	122	19.2	0.130%	30
Surrogate: Dibromofluoromethane	0.935	0.10	1.00	0	93.5%	71	120	1.14	19.7%	30
Surrogate: 1,2-Dichloroethane-d4	0.975	0.10	1.00	0	97.5%	70	130	1.05	7.56%	30
Surrogate: Toluene-d8	0.945	0.10	1.00	0	94.5%	70	130	0.948	0.359%	30

**Qualifiers:** ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



## Chain of Custody

Attention: DIANA WARD  
Results & Invoice to: SHW  
Address: 812 W. WABASH AVE.  
EUREKA, CA 95501  
Phone: 707-441-8855  
Copies of Report to: \_\_\_\_\_  
\_\_\_\_\_  
Sampler (Sign & Print): \_\_\_\_\_

Project Number: 003154  
Project Name: STC ARCAIA REMAN FACILITY  
Purchase Order Number: \_\_\_\_\_

[illegible]

SPECIAL INSTRUCTIONS	SAMPLE CONDITION
EDF	Temperature 1.4 °C
	Received On Ice? Y/N
	Samples Intact? Y/N
	Preserved? Y/N
	Preserved @ NCL?
	Y/N/NA

**CHAIN OF CUSTODY SEALS Y/N/NA** ☐ ☐ ☐

**SHIPPED VIA:** UPS Fed-Ex Hand

**ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT**



**NORTH COAST  
LABORATORIES LTD.**

April 24, 2013

SHN Consulting Engineers and Geologists  
812 West Wabash Avenue  
Eureka, CA 95501

Order No.: 1304230

Invoice No.: 108978

PO No.:

ELAP No.1247-Expires July 2014

Attn: Diana Ward

RE: 003154 Former Simpson Reman Facility

**SAMPLE IDENTIFICATION**

Fraction	Client Sample Description
----------	---------------------------

01A	MW-2
02A	MW-3
03A	MW-4
04A	MW-7
05A	DUP

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

**REPORT CERTIFIED BY**

Laboratory Supervisor(s)

QA Unit

Jesse G. Chaney, Jr.  
Laboratory Director



Date: 24-Apr-2013  
WorkOrder: 1304230

## ANALYTICAL REPORT

Client Sample ID: MW-2  
Lab ID: 1304230-01A

Received: 4/11/2013  
Collected: 4/11/2013 13:05

Test Name: EPA 8260B

Reference: EPA 8260B

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND		0.50	µg/L	1.0		4/19/2013
Vinyl chloride	ND		0.50	µg/L	1.0		4/19/2013
Bromomethane	ND		0.50	µg/L	1.0		4/19/2013
Chloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichlorofluoromethane	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
Methylene chloride	ND		0.50	µg/L	1.0		4/19/2013
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
Chloroform	ND		0.50	µg/L	1.0		4/19/2013
Carbon Tetrachloride	ND		0.50	µg/L	1.0		4/19/2013
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Benzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloropropane	ND		1.0	µg/L	1.0		4/19/2013
Bromodichloromethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
Toluene	ND		0.50	µg/L	1.0		4/19/2013
Tetrachloroethene	ND		0.50	µg/L	1.0		4/19/2013
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Dibromochloromethane	ND		0.50	µg/L	1.0		4/19/2013
Chlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Ethylbenzene	ND		0.50	µg/L	1.0		4/19/2013
m,p-Xylene	ND		0.50	µg/L	1.0		4/19/2013
o-Xylene	ND		0.50	µg/L	1.0		4/19/2013
Bromoform	ND		0.50	µg/L	1.0		4/19/2013
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		4/19/2013
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Surrogate: 1,2-Dichloroethane-d4	105		68.8-126	% Rec	1.0		4/19/2013
Surrogate: Dibromofluoromethane	103		72.3-120	% Rec	1.0		4/19/2013
Surrogate: Toluene-d8	101		77.6-137	% Rec	1.0		4/19/2013

Date: 24-Apr-2013  
WorkOrder: 1304230

## ANALYTICAL REPORT

Client Sample ID: MW-3  
Lab ID: 1304230-02A

Received: 4/11/2013  
Collected: 4/11/2013 16:10

Test Name: EPA 8260B

Reference: EPA 8260B

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND		0.50	µg/L	1.0		4/19/2013
Vinyl chloride	0.53		0.50	µg/L	1.0		4/19/2013
Bromomethane	ND		0.50	µg/L	1.0		4/19/2013
Chloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichlorofluoromethane	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
Methylene chloride	ND		0.50	µg/L	1.0		4/19/2013
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,2-Dichloroethene	3.5		0.50	µg/L	1.0		4/19/2013
Chloroform	ND		0.50	µg/L	1.0		4/19/2013
Carbon Tetrachloride	ND		0.50	µg/L	1.0		4/19/2013
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Benzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloropropane	ND		1.0	µg/L	1.0		4/19/2013
Bromodichloromethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
Toluene	ND		0.50	µg/L	1.0		4/19/2013
Tetrachloroethene	ND		0.50	µg/L	1.0		4/19/2013
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Dibromochloromethane	ND		0.50	µg/L	1.0		4/19/2013
Chlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Ethylbenzene	ND		0.50	µg/L	1.0		4/19/2013
m,p-Xylene	ND		0.50	µg/L	1.0		4/19/2013
o-Xylene	ND		0.50	µg/L	1.0		4/19/2013
Bromoform	ND		0.50	µg/L	1.0		4/19/2013
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		4/19/2013
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Surrogate: 1,2-Dichloroethane-d4	106		68.8-126	% Rec	1.0		4/19/2013
Surrogate: Dibromofluoromethane	103		72.3-120	% Rec	1.0		4/19/2013
Surrogate: Toluene-d8	99.4		77.6-137	% Rec	1.0		4/19/2013

Date: 24-Apr-2013  
WorkOrder: 1304230

## ANALYTICAL REPORT

Client Sample ID: MW-4  
Lab ID: 1304230-03A

Received: 4/11/2013  
Collected: 4/11/2013 13:55

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Chloromethane	ND		0.50	µg/L	1.0		4/19/2013
Vinyl chloride	ND		0.50	µg/L	1.0		4/19/2013
Bromomethane	ND		0.50	µg/L	1.0		4/19/2013
Chloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichlorofluoromethane	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
Methylene chloride	ND		0.50	µg/L	1.0		4/19/2013
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
<i>cis-1,2-Dichloroethene</i>	1.3		0.50	µg/L	1.0		4/19/2013
Chloroform	ND		0.50	µg/L	1.0		4/19/2013
Carbon Tetrachloride	ND		0.50	µg/L	1.0		4/19/2013
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Benzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloropropane	ND		1.0	µg/L	1.0		4/19/2013
Bromodichloromethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
Toluene	ND		0.50	µg/L	1.0		4/19/2013
Tetrachloroethene	ND		0.50	µg/L	1.0		4/19/2013
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Dibromochloromethane	ND		0.50	µg/L	1.0		4/19/2013
Chlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Ethylbenzene	ND		0.50	µg/L	1.0		4/19/2013
m,p-Xylene	ND		0.50	µg/L	1.0		4/19/2013
o-Xylene	ND		0.50	µg/L	1.0		4/19/2013
Bromoform	ND		0.50	µg/L	1.0		4/19/2013
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		4/19/2013
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Surrogate: 1,2-Dichloroethane-d4	105		68.8-126	% Rec	1.0		4/19/2013
Surrogate: Dibromofluoromethane	104		72.3-120	% Rec	1.0		4/19/2013
Surrogate: Toluene-d8	101		77.6-137	% Rec	1.0		4/19/2013

Date: 24-Apr-2013  
WorkOrder: 1304230

## ANALYTICAL REPORT

Client Sample ID: MW-7  
Lab ID: 1304230-04A

Received: 4/11/2013  
Collected: 4/11/2013 15:05

Test Name: EPA 8260B

Reference: EPA 8260B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Chloromethane	ND		0.50	µg/L	1.0		4/19/2013
Vinyl chloride	ND		0.50	µg/L	1.0		4/19/2013
Bromomethane	ND		0.50	µg/L	1.0		4/19/2013
Chloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichlorofluoromethane	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
Methylene chloride	ND		0.50	µg/L	1.0		4/19/2013
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,2-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
Chloroform	ND		0.50	µg/L	1.0		4/19/2013
Carbon Tetrachloride	ND		0.50	µg/L	1.0		4/19/2013
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Benzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloropropane	ND		1.0	µg/L	1.0		4/19/2013
Bromodichloromethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
Toluene	ND		0.50	µg/L	1.0		4/19/2013
Tetrachloroethene	ND		0.50	µg/L	1.0		4/19/2013
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Dibromochloromethane	ND		0.50	µg/L	1.0		4/19/2013
Chlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Ethylbenzene	ND		0.50	µg/L	1.0		4/19/2013
m,p-Xylene	ND		0.50	µg/L	1.0		4/19/2013
o-Xylene	ND		0.50	µg/L	1.0		4/19/2013
Bromoform	ND		0.50	µg/L	1.0		4/19/2013
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		4/19/2013
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Surrogate: 1,2-Dichloroethane-d4	107		68.8-126	% Rec	1.0		4/19/2013
Surrogate: Dibromofluoromethane	106		72.3-120	% Rec	1.0		4/19/2013
Surrogate: Toluene-d8	101		77.6-137	% Rec	1.0		4/19/2013



Date: 24-Apr-2013  
WorkOrder: 1304230

## ANALYTICAL REPORT

Client Sample ID: DUP  
Lab ID: 1304230-05A

Received: 4/11/2013  
Collected: 4/11/2013 00:00

Test Name: EPA 8260B

Reference: EPA 8260B

Parameter	Result	Flag	Limit	Units	DF	Extracted	Analyzed
Chloromethane	ND		0.50	µg/L	1.0		4/19/2013
<i>Vinyl chloride</i>	0.52		0.50	µg/L	1.0		4/19/2013
Bromomethane	ND		0.50	µg/L	1.0		4/19/2013
Chloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichlorofluoromethane	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
Methylene chloride	ND		0.50	µg/L	1.0		4/19/2013
trans-1,2-Dichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,1-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
<i>cis-1,2-Dichloroethene</i>	3.4		0.50	µg/L	1.0		4/19/2013
Chloroform	ND		0.50	µg/L	1.0		4/19/2013
Carbon Tetrachloride	ND		0.50	µg/L	1.0		4/19/2013
1,1,1-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Benzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Trichloroethene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichloropropane	ND		1.0	µg/L	1.0		4/19/2013
Bromodichloromethane	ND		0.50	µg/L	1.0		4/19/2013
cis-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
Toluene	ND		0.50	µg/L	1.0		4/19/2013
Tetrachloroethene	ND		0.50	µg/L	1.0		4/19/2013
trans-1,3-Dichloropropene	ND		1.0	µg/L	1.0		4/19/2013
1,1,2-Trichloroethane	ND		0.50	µg/L	1.0		4/19/2013
Dibromochloromethane	ND		0.50	µg/L	1.0		4/19/2013
Chlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Ethylbenzene	ND		0.50	µg/L	1.0		4/19/2013
m,p-Xylene	ND		0.50	µg/L	1.0		4/19/2013
o-Xylene	ND		0.50	µg/L	1.0		4/19/2013
Bromoform	ND		0.50	µg/L	1.0		4/19/2013
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1.0		4/19/2013
1,3-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,4-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
1,2-Dichlorobenzene	ND		0.50	µg/L	1.0		4/19/2013
Surrogate: 1,2-Dichloroethane-d4	107		68.8-126	% Rec	1.0		4/19/2013
Surrogate: Dibromofluoromethane	105		72.3-120	% Rec	1.0		4/19/2013
Surrogate: Toluene-d8	101		77.6-137	% Rec	1.0		4/19/2013

CLIENT: SHN Consulting Engineers and Geologists

Work Order: 1304230

Project: 003154 Former Simpson Reman Facility

## QC SUMMARY REPORT

Method Blank

Sample ID: MB 041913	Batch ID: R74240	Test Code: 8260EW	Units: µg/L	Analysis Date 4/19/2013 13:36:00	Prep Date:						
Client ID:	Run ID: ORGCMS2_130419B	SeqNo: 1078432									
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Bromomethane	ND	0.50									
Chloroethane	ND	0.50									
Trichlorofluoromethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
Methylene chloride	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
1,1-Dichloroethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
Chloroform	ND	0.50									
Carbon Tetrachloride	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
Benzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
Trichloroethene	ND	0.50									
1,2-Dichloropropane	ND	1.0									
Bromodichloromethane	ND	0.50									
cis-1,3-Dichloropropene	ND	1.0									
Toluene	ND	0.50									
Tetrachloroethene	ND	0.50									
trans-1,3-Dichloropropene	ND	1.0									
1,1,2-Trichloroethane	ND	0.50									
Dibromochloromethane	ND	0.50									
Chlorobenzene	ND	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	0.50									
o-Xylene	ND	0.50									

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1304230  
**Project:** 003154 Former Simpson Reman Facility

## QC SUMMARY REPORT

Method Blank

Bromoform	ND	0.50						
1,1,2,2-Tetrachloroethane	ND	0.50						
1,3-Dichlorobenzene	ND	0.50						
1,4-Dichlorobenzene	ND	0.50						
1,2-Dichlorobenzene	ND	0.50						
Surrogate: Dibromofluoromethane	1.00	0.10	1.00	0	100%	72	120	0
Surrogate: 1,2-Dichloroethane-d4	0.986	0.10	1.00	0	98.6%	69	126	0
Surrogate: Toluene-d8	1.02	0.10	1.00	0	102%	78	137	0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1304230  
**Project:** 003154 Former Simpson Reman Facility

**QC SUMMARY REPORT**

Sample Matrix Spike

Sample ID: 1304230-01AMS		Batch ID: R74240		Test Code: 8260EW		Units: µg/L		Analysis Date 4/19/2013 17:50:00		Prep Date:	
Client ID: MW-2		Run ID: ORGCMS2_130419B		SeqNo: 1078441							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	19.65	0.50	20.0	0	98.2%	44	131	0			
Vinyl chloride	23.09	0.50	20.0	0	115%	51	133	0			
Bromomethane	10.47	0.50	20.0	0	52.4%	42	142	0			
Chloroethane	19.07	0.50	20.0	0	95.3%	55	132	0			
Trichlorofluoromethane	25.20	0.50	20.0	0	126%	47	138	0			
1,1-Dichloroethene	19.55	0.50	20.0	0	97.7%	55	126	0			
Methylene chloride	20.11	0.50	20.0	0	101%	53	128	0			
trans-1,2-Dichloroethene	21.58	0.50	20.0	0	108%	53	135	0			
1,1-Dichloroethane	19.13	0.50	20.0	0	95.7%	62	118	0			
cis-1,2-Dichloroethene	20.11	0.50	20.0	0	101%	72	119	0			
Chloroform	18.73	0.50	20.0	0	93.7%	65	126	0			
Carbon Tetrachloride	21.63	0.50	20.0	0	108%	58	140	0			
1,1,1-Trichloroethane	20.44	0.50	20.0	0	102%	61	132	0			
Benzene	19.42	0.50	20.0	0	97.1%	74	118	0			
1,2-Dichloroethane	20.26	0.50	20.0	0	101%	68	128	0			
Trichloroethene	20.79	0.50	20.0	0	104%	75	113	0			
1,2-Dichloropropane	19.25	1.0	20.0	0	96.2%	63	126	0			
Bromodichloromethane	18.83	0.50	20.0	0	94.2%	69	124	0			
cis-1,3-Dichloropropene	18.91	1.0	20.0	0	94.6%	63	133	0			
Toluene	18.58	0.50	20.0	0	92.9%	76	133	0			
Tetrachloroethene	18.11	0.50	20.0	0	90.6%	60	129	0			
trans-1,3-Dichloropropene	18.25	1.0	20.0	0	91.3%	66	139	0			
1,1,2-Trichloroethane	20.70	0.50	20.0	0	103%	64	132	0			
Dibromochloromethane	18.09	0.50	20.0	0	90.4%	72	135	0			
Chlorobenzene	17.87	0.50	20.0	0	89.3%	79	119	0			
Ethylbenzene	20.22	0.50	20.0	0	101%	77	129	0			
m,p-Xylene	41.49	0.50	40.0	0	104%	82	129	0			
o-Xylene	19.28	0.50	20.0	0	96.4%	84	126	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1304230  
**Project:** 003154 Former Simpson Reman Facility

## QC SUMMARY REPORT

Sample Matrix Spike

Bromoform	17.51	0.50	20.0	0	87.5%	71	129	0
1,1,2,2-Tetrachloroethane	20.22	0.50	20.0	0	101%	62	138	0
1,3-Dichlorobenzene	19.15	0.50	20.0	0	95.7%	73	128	0
1,4-Dichlorobenzene	19.23	0.50	20.0	0	96.2%	79	121	0
1,2-Dichlorobenzene	18.67	0.50	20.0	0	93.4%	73	122	0
Surrogate: Dibromofluoromethane	1.05	0.10	1.00	0	105%	72	120	0
Surrogate: 1,2-Dichloroethane-d4	1.11	0.10	1.00	0	111%	69	126	0
Surrogate: Toluene-d8	0.972	0.10	1.00	0	97.2%	78	137	0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1304230  
**Project:** 003154 Former Simpson Reman Facility

**QC SUMMARY REPORT**

Laboratory Control Spike

Sample ID: LCS-13115	Batch ID: R74240	Test Code: 8260EW	Units: µg/L	Analysis Date: 4/19/2013 11:43:00	Prep Date:						
Client ID:	Run ID: ORGCMS2_130419B	SeqNo: 1078430									
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	20.76	0.50	20.0	0	104%	44	131	0			
Vinyl chloride	22.23	0.50	20.0	0	111%	51	133	0			
Bromomethane	15.78	0.50	20.0	0	78.9%	42	142	0			
Chloroethane	20.36	0.50	20.0	0	102%	55	132	0			
Trichlorofluoromethane	23.66	0.50	20.0	0	118%	47	138	0			
1,1-Dichloroethene	19.15	0.50	20.0	0	95.8%	55	126	0			
Methylene chloride	20.97	0.50	20.0	0	105%	53	128	0			
trans-1,2-Dichloroethene	21.59	0.50	20.0	0	108%	53	135	0			
1,1-Dichloroethane	20.51	0.50	20.0	0	103%	62	118	0			
cis-1,2-Dichloroethene	20.54	0.50	20.0	0	103%	72	119	0			
Chloroform	19.69	0.50	20.0	0	98.4%	65	126	0			
Carbon Tetrachloride	21.59	0.50	20.0	0	108%	58	140	0			
1,1,1-Trichloroethane	21.26	0.50	20.0	0	106%	61	132	0			
Benzene	20.12	0.50	20.0	0	101%	74	118	0			
1,2-Dichloroethane	19.58	0.50	20.0	0	97.9%	68	128	0			
Trichloroethene	21.05	0.50	20.0	0	105%	75	113	0			
1,2-Dichloropropane	20.22	1.0	20.0	0	101%	63	126	0			
Bromodichloromethane	19.64	0.50	20.0	0	98.2%	69	124	0			
cis-1,3-Dichloropropene	21.16	1.0	20.0	0	106%	63	133	0			
Toluene	19.63	0.50	20.0	0	98.1%	76	133	0			
Tetrachloroethene	19.88	0.50	20.0	0	99.4%	60	129	0			
trans-1,3-Dichloropropene	18.88	1.0	20.0	0	94.4%	66	139	0			
1,1,2-Trichloroethane	19.07	0.50	20.0	0	95.4%	64	132	0			
Dibromochloromethane	19.71	0.50	20.0	0	98.6%	72	135	0			
Chlorobenzene	19.45	0.50	20.0	0	97.2%	79	119	0			
Ethylbenzene	21.45	0.50	20.0	0	107%	77	129	0			
m,p-Xylene	43.88	0.50	40.0	0	110%	82	129	0			
o-Xylene	20.62	0.50	20.0	0	103%	84	126	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1304230  
**Project:** 003154 Former Simpson Reman Facility

## QC SUMMARY REPORT

Laboratory Control Spike

Bromoform	17.84	0.50	20.0	0	89.2%	71	129	0
1,1,2,2-Tetrachloroethane	18.45	0.50	20.0	0	92.3%	62	138	0
1,3-Dichlorobenzene	20.17	0.50	20.0	0	101%	73	128	0
1,4-Dichlorobenzene	20.25	0.50	20.0	0	101%	79	121	0
1,2-Dichlorobenzene	19.77	0.50	20.0	0	98.9%	73	122	0
Surrogate: Dibromofluoromethane	0.997	0.10	1.00	0	99.7%	72	120	0
Surrogate: 1,2-Dichloroethane-d4	1.02	0.10	1.00	0	102%	69	126	0
Surrogate: Toluene-d8	1.01	0.10	1.00	0	101%	78	137	0

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1304230  
**Project:** 003154 Former Simpson Reman Facility

## QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID: LCSD-13115		Batch ID: R74240		Test Code: 8260EW		Units: µg/L		Analysis Date 4/19/2013 12:11:00		Prep Date:	
Client ID:		Run ID: ORGCMS2_130419B				SeqNo: 1078431					
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	18.55	0.50	20.0	0	92.7%	44	131	20.8	11.3%	30	
Vinyl chloride	21.89	0.50	20.0	0	109%	51	133	22.2	1.53%	30	
Bromomethane	16.45	0.50	20.0	0	82.3%	42	142	15.8	4.16%	30	
Chloroethane	19.55	0.50	20.0	0	97.7%	55	132	20.4	4.10%	30	
Trichlorofluoromethane	22.68	0.50	20.0	0	113%	47	138	23.7	4.25%	30	
1,1-Dichloroethene	18.51	0.50	20.0	0	92.5%	55	126	19.2	3.44%	30	
Methylene chloride	20.44	0.50	20.0	0	102%	53	128	21.0	2.60%	30	
trans-1,2-Dichloroethene	20.69	0.50	20.0	0	103%	53	135	21.6	4.25%	30	
1,1-Dichloroethane	19.97	0.50	20.0	0	99.8%	62	118	20.5	2.67%	30	
cis-1,2-Dichloroethene	20.05	0.50	20.0	0	100%	72	119	20.5	2.41%	30	
Chloroform	19.11	0.50	20.0	0	95.6%	65	126	19.7	2.98%	30	
Carbon Tetrachloride	21.02	0.50	20.0	0	105%	58	140	21.6	2.64%	30	
1,1,1-Trichloroethane	20.26	0.50	20.0	0	101%	61	132	21.3	4.82%	30	
Benzene	19.46	0.50	20.0	0	97.3%	74	118	20.1	3.34%	30	
1,2-Dichloroethane	18.50	0.50	20.0	0	92.5%	68	128	19.6	5.70%	30	
Trichloroethene	20.34	0.50	20.0	0	102%	75	113	21.0	3.46%	30	
1,2-Dichloropropane	19.40	1.0	20.0	0	97.0%	63	126	20.2	4.12%	30	
Bromodichloromethane	18.95	0.50	20.0	0	94.8%	69	124	19.6	3.55%	30	
cis-1,3-Dichloropropene	20.43	1.0	20.0	0	102%	63	133	21.2	3.51%	30	
Toluene	19.25	0.50	20.0	0	96.3%	76	133	19.6	1.95%	30	
Tetrachloroethene	18.99	0.50	20.0	0	95.0%	60	129	19.9	4.56%	30	
trans-1,3-Dichloropropene	17.87	1.0	20.0	0	89.4%	66	139	18.9	5.48%	30	
1,1,2-Trichloroethane	17.79	0.50	20.0	0	88.9%	64	132	19.1	6.97%	30	
Dibromochloromethane	18.80	0.50	20.0	0	94.0%	72	135	19.7	4.73%	30	
Chlorobenzene	19.09	0.50	20.0	0	95.5%	79	119	19.4	1.84%	30	
Ethylbenzene	20.96	0.50	20.0	0	105%	77	129	21.4	2.28%	30	
m,p-Xylene	43.02	0.50	40.0	0	108%	82	129	43.9	1.98%	30	
o-Xylene	20.37	0.50	20.0	0	102%	84	126	20.6	1.21%	30	
Bromoform	16.75	0.50	20.0	0	83.8%	71	129	17.8	6.31%	30	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



**CLIENT:** SHN Consulting Engineers and Geologists  
**Work Order:** 1304230  
**Project:** 003154 Former Simpson Reman Facility

**QC SUMMARY REPORT**  
Laboratory Control Spike Duplicate

1,1,2,2-Tetrachloroethane	17.31	0.50	20.0	0	86.5%	62	138	18.4	6.40%	30
1,3-Dichlorobenzene	20.10	0.50	20.0	0	101%	73	128	20.2	0.353%	30
1,4-Dichlorobenzene	20.03	0.50	20.0	0	100%	79	121	20.2	1.10%	30
1,2-Dichlorobenzene	19.36	0.50	20.0	0	96.8%	73	122	19.8	2.09%	30
Surrogate: Dibromofluoromethane	0.995	0.10	1.00	0	99.5%	72	120	0.997	0.201%	30
Surrogate: 1,2-Dichloroethane-d4	0.987	0.10	1.00	0	98.7%	69	126	1.02	3.71%	30
Surrogate: Toluene-d8	1.00	0.10	1.00	0	100%	78	137	1.01	0.229%	30

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



## Chain of Custody

Attention: DIANA WARD  
Results & Invoice to: SHW  
Address: 812 W. WABASH AVE.  
EUREKA, CA 95501  
Phone: 707-441-8855  
Copies of Report to: \_\_\_\_\_

Sampler (Sign & Print): ERIC LIARD

Project Number: 003154  
Project Name: FORMER SIMPSON REMAN FACILITY  
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*
	MW-2	4/11/13	1305	GLH
	MW-3	I	1610	I
	MW-4	I	1355	I
	MW-7	I	1505	I
	DUP	I	→	I

[illegible]

LABORATORY NUMBER: 1304211

**TAT:** ☒ STD(2-3 Wk) ☐ Other:  
PRIOR AUTHORIZATION IS REQUIRED FOR  
RUSH SAMPLES.

### REPORTING REQUIREMENTS:

☐ State Forms  
☒ Geotracker ☐ SWAMP ☐ Other EDD:  
☐ Final Report PDF ☐ FAX By:

**CONTAINER CODES:** 1—½ gal. pl; 2—250 ml pl;  
3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG;  
6—500 ml BG; 7—1 L BG; 8—40 ml VOA;  
9—60 ml VOA; 10—125 ml VOA; 11—4 oz glass jar;  
12—8 oz glass jar; 13—brass tube; 14—other  
**PRESERVATIVE CODES:** a—HNO<sub>3</sub>; b—HCl; c—H<sub>2</sub>SO<sub>4</sub>;  
d—Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>; e—NaOH; f—C<sub>2</sub>H<sub>5</sub>O<sub>2</sub>Cl; g—other

SPECIAL INSTRUCTIONS	SAMPLE CONDITION
	Temperature <u>2.0</u> °C
	Received On Ice? <u>Y</u> /N
	Samples Intact? <u>Y</u> /N
	Preserved? <u>Y</u> /N
	Preserved @ NCL?
	<u>Y</u> / <u>N</u> /NA

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
ERIC WARD	4/11/13 1642	[Signature]	4/11/13 1642

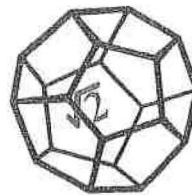
### SAMPLE DISPOSAL

☒ NCL Disposal of Non-Contaminated  
☐ Return ☐ Pickup

**CHAIN OF CUSTODY SEALS Y/N/NA**  
**SHIPPED VIA:** UPS Fed-Ex Hand

\***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW= Waste Water; S= Soil; O= Other.

**ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT**



**NORTH COAST  
LABORATORIES LTD.**

February 23, 2015

The Sun Valley Group  
3160 Upper Bay Road  
Arcata, CA 95521

Attn: Tanner Allen

RE: Settling Pond

Order No.: 1502040

Invoice No.: 119970

PO No.: 97903

ELAP No.1247-Expires July 2016

**SAMPLE IDENTIFICATION**

Fraction	Client Sample Description
01A	SVG614N1

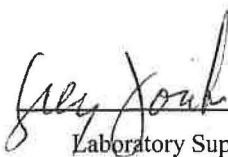
ND = Not Detected at the Reporting Limit

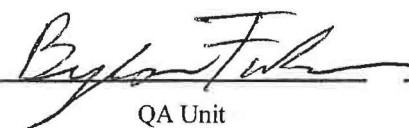
Limit = Reporting Limit

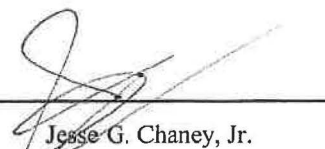
Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

**REPORT CERTIFIED BY**

  
Laboratory Supervisor(s)

  
QA Unit

  
Jesse G. Chaney, Jr.  
Laboratory Director



**North Coast Laboratories, Ltd.**

Date: 23-Feb-2015

**CLIENT:** The Sun Valley Group  
**Project:** Settling Pond  
**Lab Order:** 1502040

**CASE NARRATIVE****EPA 614:**

The laboratory control sample duplicate recovery was above the upper acceptance limit for ethion. The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were above the upper acceptance limits for some analytes. The elevated recoveries equate to a high bias. There were no detectable levels of these analytes in the sample; therefore, the data were accepted.

The relative percent difference (RPD) between the laboratory control samples was above the acceptance limit for some analytes. This indicates that the sample results could be variable. Since there were no detectable levels of analyte in the sample, the data were accepted.



Date: 23-Feb-2015

WorkOrder: 1502040

## ANALYTICAL REPORT

Client Sample ID: SVG614N1

Lab ID: 1502040-01A

Received: 2/3/2015

Collected: 2/3/2015 13:30

Test Name: Organophosphorous Pesticides

Reference: EPA 614

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Demeton	ND		2.0	µg/L	1.0	2/5/2015	2/11/2015
Diazinon	ND		0.50	µg/L	1.0	2/5/2015	2/11/2015
Disulfoton	ND		0.50	µg/L	1.0	2/5/2015	2/11/2015
Methyl Parathion	ND		0.50	µg/L	1.0	2/5/2015	2/11/2015
Malathion	ND		0.50	µg/L	1.0	2/5/2015	2/11/2015
Parathion	ND		0.50	µg/L	1.0	2/5/2015	2/11/2015
Ethion	ND		0.50	µg/L	1.0	2/5/2015	2/11/2015
Azinphos Methyl	ND		2.5	µg/L	1.0	2/5/2015	2/11/2015
Surrogate: Triphenylphosphate	88.5		20-165	% Rec	1.0	2/5/2015	2/11/2015

**CLIENT:** The Sun Valley Group  
**Work Order:** 1502040  
**Project:** Settling Pond

**QC SUMMARY REPORT**

Method Blank

Sample ID	MB-31649	Batch ID:	31649	Test Code:	614	Units:	µg/L	Analysis Date	2/11/2015 21:06:59	Prep Date	2/5/2015
Client ID:		Run ID:	ORGC13_150211A	SeqNo:	1177020						
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Demeton	ND	2.0									
Diazinon	ND	0.50									
Disulfoton	ND	0.50									
Methyl Parathion	ND	0.50									
Malathion	ND	0.50									
Parathion	ND	0.50									
Ethion	ND	0.50									
Azinphos Methyl	ND	2.5									
Surrogate: Triphenylphosphate	21.5	0.10	25.0	0	86.2%	20	165	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: The Sun Valley Group  
 Work Order: 1502040  
 Project: Settling Pond

## QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS-31649	Batch ID: 31649	Test Code: 614	Units: µg/L	Analysis Date	2/11/2015 21:52:05	Prep Date	2/5/2015			
Client ID:		Run ID:	ORGC13_150211A		SeqNo:	1177021					
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Demeton	3.607	2.0	12.5	0	28.9%	27	106	0			
Diazinon	11.36	0.50	12.5	0	90.9%	59	103	0			
Disulfoton	7.561	0.50	12.5	0	60.5%	46	101	0			
Methyl Parathion	12.61	0.50	12.5	0	101%	56	110	0			
Malathion	11.88	0.50	12.5	0	95.1%	58	110	0			
Parathion	12.30	0.50	12.5	0	98.4%	57	105	0			
Ethion	13.46	0.50	12.5	0	108%	57	106	0			S
Azinphos Methyl	10.05	2.5	12.5	0	80.4%	36	137	0			
Surrogate: Triphenylphosphate	24.5	0.10	25.0	0	98.1%	20	165	0			

Sample ID	LCSD-31649	Batch ID: 31649	Test Code: 614	Units: µg/L	Analysis Date	2/11/2015 22:37:32			Prep Date	2/5/2015		
Client ID:			Run ID:	ORGC13_150211A		SeqNo:	1177022					
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Demeton	6.099	2.0	12.5	0	48.8%	27	106	3.61	51.4%	30	R	
Diazinon	16.33	0.50	12.5	0	131%	59	103	11.4	35.9%	30	SR	
Disulfoton	8.687	0.50	12.5	0	69.5%	46	101	7.56	13.9%	30		
Methyl Parathion	17.09	0.50	12.5	0	137%	56	110	12.6	30.2%	30	SR	
Malathion	17.98	0.50	12.5	0	144%	58	110	11.9	40.8%	30	SR	
Parathion	18.07	0.50	12.5	0	145%	57	105	12.3	38.0%	30	SR	
Ethion	18.75	0.50	12.5	0	150%	57	106	13.5	32.8%	30	SR	
Azinphos Methyl	14.23	2.5	12.5	0	114%	36	137	10.0	34.4%	30	R	
Surrogate: Triphenylphosphate	24.4	0.10	25.0	0	97.8%	20	165	24.5	0.307%	30		

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



## Chain of Custody

Attention: Tamer Allen  
Results & Invoice to: The Sun Valley Group  
Address: 3160 upper Bay Rd  
Arata, CA 95521  
Phone: (707) 298-7458  
Copies of Report to: tallen @ TSVA.com

Sampler (Sign & Print): Tanner Allen



Project Number: \_\_\_\_\_  
Project Name: Settling Pond  
Purchase Order Number: 97903

[illegible]

**TAT:** ☐ STD (2-3 Wk) ☐ Other: \_\_\_\_\_  
PRIOR AUTHORIZATION IS REQUIRED FOR  
RUSH SAMPLES.

☐ State Forms  
☐ Geotracker ☐ SWAMP ☐ Other EDD:  
☐ Final Report PDF ☐ FAX By:

**CONTAINER CODES:** 1—½ gal. pl; 2—250 ml pl;  
3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG;  
6—500 ml BG; 7—1 L BG; 8—40 ml VOA;  
9—60 ml VOA; 10—125 ml VOA; 11—4 oz glass jar;  
12—8 oz glass jar; 13—brass tube; 14—other  
**PRESERVATIVE CODES:** a—HNO<sub>3</sub>; b—HCl; c—H<sub>2</sub>SO<sub>4</sub>;  
d—Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>; e—NaOH; f—C<sub>2</sub>H<sub>5</sub>O<sub>2</sub>Cl; g—other

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
		 2/3/15	1547

☐ NCL Disposal of Non-Contaminated  
☐ Return ☐ Pickup

**CHAIN OF CUSTODY SEALS Y/N/NA**  
**SHIPPED VIA:** UPS Fed-Ex Hand

\***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW= Waste Water; S= Soil; O= Other.

**ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT**



## **APPENDIX C: REGULATORY DATABASE REPORT**

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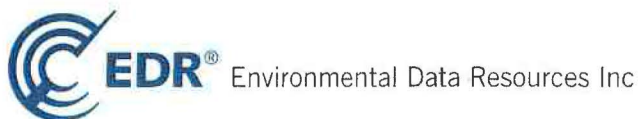
**PARTNER**

**Arcata Properties**

3318 Foster Avenue, 2725 Simpson Mill Road, 4044 L  
Arcata, CA 95521

Inquiry Number: 4293018.2s  
May 13, 2015

## The EDR Radius Map™ Report with GeoCheck®



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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

3318 FOSTER AVENUE, 2725 SIMPSON MILL ROAD, 4044 L  
ARCATA, CA 95521

#### COORDINATES

Latitude (North): 40.8893000 - 40° 53' 21.48"  
Longitude (West): 124.1069000 - 124° 6' 24.84"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 406749.1  
UTM Y (Meters): 4526846.5  
Elevation: 24 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40124-H1 ARCATA NORTH, CA  
Most Recent Revision: 1972  
  
South Map: 40124-G1 ARCATA SOUTH, CA  
Most Recent Revision: 1972  
  
West Map: 40124-H2 TYEE CITY, CA  
Most Recent Revision: 1972

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120610  
Source: USDA



# MAPPED SITES SUMMARY

Target Property Address:

3318 FOSTER AVENUE, 2725 SIMPSON MILL ROAD, 4044 L  
ARCATA, CA 95521

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.)
					DIRECTION
1	SIMPSON REDWOOD CO.	FOSTER AVENUE	VCP, ENVIROSTOR	Higher	1 ft.
2	EEL RIVER SAWMILL,	FOSTER AVENUE	HIST CORTESE, LUST, SLIC	Higher	8, 0.002, SE
A3	SUN VALLEY BULB FARM	1780 27TH STREET	Notify 65	Higher	35, 0.007, East
A4	SUN VALLEY BULB FARM	1780 27TH STREET	Notify 65	Higher	35, 0.007, East
A5	SUN VALLEY BULB FARM	1780 27TH STREET	Notify 65	Higher	35, 0.007, East
6	ROBERT GRAHAM	3466 SEIDEL RD	HIST UST	Lower	49, 0.009, NW
A7	SUN VALLEY BULB FARM	1780 TWENTYSEVENTH	SLIC, LDS	Higher	66, 0.013, East
B8	SUN VALLEY FLORAL FA	3160 UPPER BAY ROAD	Notify 65	Higher	75, 0.014, NNE
B9		3160 UPPER BAY RD	AST	Higher	75, 0.014, NNE
B10	SUN VALLEY FLORAL FA	3160 UPPER BAY RD	CUPA Listings	Higher	75, 0.014, NNE
C11	TROUT, ELMER B.	3655 SPEAR AVE	CA FID UST, SWEEPS UST	Higher	378, 0.072, ENE
C12	ELMER B. TROUT	3655 SPEAR AVE	HIST UST	Higher	378, 0.072, ENE
D13	S&H AUTO WRECKERS	3028 ALLIANCE ROAD	LUST, SLIC	Higher	663, 0.126, East
D14	ARCATA PETRO MART	3197 ALLIANCE RD	UST	Higher	671, 0.127, East
D15	GAS-4-LESS	3197 ALLIANCE ROAD	HIST CORTESE, LUST, CUPA Listings, EMI	Higher	671, 0.127, East
D16	HPI ARCATA SHELL PET	3197 ALLIANCE RD	CA FID UST, SWEEPS UST	Higher	671, 0.127, East
D17	BEACON	3198 ALLIANCE RD	HIST UST	Higher	683, 0.129, East
18	CITY OF ARCATA - ALL	2815 ALLIANCE RD	CUPA Listings	Higher	728, 0.138, East
E19	SIMPSON TIMBER COMPA	3315 FOSTER AVENUE	SLIC	Lower	743, 0.141, SW
E20	BAR M ORGANIC DAIRY	3364 FOSTER AVE	CUPA Listings	Lower	808, 0.153, SW
21	COOK, ESSE & LINDA	2809 BAY SCHOOL ROAD	SLIC, ENF	Lower	886, 0.168, SSE
F22	PACIFIC UNION SCHOOL	3001 JANES RD	HIST UST	Higher	996, 0.189, ENE
F23	PACIFIC UNION ELEMEN	3001 JANES	HIST CORTESE, LUST	Higher	996, 0.189, ENE
F24	PACIFIC UNION ELEMEN	3001 JANES RD	CA FID UST, SWEEPS UST	Higher	996, 0.189, ENE
G25	ALLIANCE MARKET	1499 SPEAR AVE	CA FID UST, SWEEPS UST	Higher	1009, 0.191, East
G26	ALLIANCE MARKET	1499 SPEAR AVE	HIST UST	Higher	1009, 0.191, East
H27		2505 ALLIANCE RD	EDR US Hist Cleaners	Higher	1037, 0.196, ESE
H28	WESTWOOD LAUNDROMAT	2505 ALLIANCE	HIST CORTESE, LUST	Higher	1037, 0.196, ESE
I29	CASCADE FOREST PRO.	1800 Q ST	HIST UST, CUPA Listings	Lower	1211, 0.229, SE
I30		1800 Q ST	EDR US Hist Auto Stat	Lower	1211, 0.229, SE
31	ARCATA 76	2205 ALLIANCE ROAD	HIST CORTESE, LUST, CUPA Listings, EMI	Higher	1827, 0.346, ESE
32	HOMEM DAIRY	4003 SEIDEL RD	HIST CORTESE, LUST, CUPA Listings	Lower	2316, 0.439, NNW
33	SUNSET SCHOOL	2400 BALDWIN	HIST CORTESE, LUST	Higher	2326, 0.441, ESE
J34	CAL-KIRK LANDSCAPING	2905 ST LOUIS RD	HIST CORTESE, LUST, CUPA Listings	Higher	2488, 0.471, East
J35	MAD RIVER LUMBER	2935 ST LOUIS RD	HIST CORTESE, LUST, CUPA Listings	Higher	2488, 0.471, East
36	CHISUM, SHIRLEY	JANES & ELEVENTH STR	SLIC	Lower	2544, 0.482, SSE
J37	SAMOA LANDFILL SITE	1/2 MI S OF LOUISIAN	SWF/LF, Financial Assurance	Higher	2555, 0.484, East
38	ARCATA COMMUNITY REC	1380 NINTH STREET	LUST, SLIC, Notify 65	Lower	3864, 0.732, SSE

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

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

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

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

#### ***Federal CERCLIS NFRAP site List***

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

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

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

#### ***Federal RCRA generators list***

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

#### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

## EXECUTIVE SUMMARY

LUCIS..... Land Use Control Information System

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent NPL**

RESPONSE..... State Response Sites

### **State and tribal leaking storage tank lists**

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### **State and tribal registered storage tank lists**

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

### **Local Lists of Landfill / Solid Waste Disposal Sites**

ODL..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODL..... Report on the Status of Open Dumps on Indian Lands

WMUDS/SWAT..... Waste Management Unit Database

### **Local Lists of Hazardous waste / Contaminated Sites**

US CDL..... Clandestine Drug Labs

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

Toxic Pits..... Toxic Pits Cleanup Act Sites

CDL..... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

LIENS..... Environmental Liens Listing

DEED..... Deed Restriction Listing

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System



## EXECUTIVE SUMMARY

CHMIRS..... California Hazardous Material Incident Report System  
 LDS..... Land Disposal Sites Listing  
 MCS..... Military Cleanup Sites Listing  
 SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
 DOT OPS..... Incident and Accident Data  
 DOD..... Department of Defense Sites  
 FUDS..... Formerly Used Defense Sites  
 CONSENT..... Superfund (CERCLA) Consent Decrees  
 ROD..... Records Of Decision  
 UMTA..... Uranium Mill Tailings Sites  
 US MINES..... Mines Master Index File  
 TRIS..... Toxic Chemical Release Inventory System  
 TSCA..... Toxic Substances Control Act  
 FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
 HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
 SSTs..... Section 7 Tracking Systems  
 ICIS..... Integrated Compliance Information System  
 PADS..... PCB Activity Database System  
 MLTS..... Material Licensing Tracking System  
 RADINFO..... Radiation Information Database  
 FINDS..... Facility Index System/Facility Registry System  
 RAATS..... RCRA Administrative Action Tracking System  
 RMP..... Risk Management Plans  
 CA BOND EXP. PLAN..... Bond Expenditure Plan  
 NPDES..... NPDES Permits Listing  
 UIC..... UIC Listing  
 Cortese..... "Cortese" Hazardous Waste & Substances Sites List  
 DRYCLEANERS..... Cleaner Facilities  
 WIP..... Well Investigation Program Case List  
 ENF..... Enforcement Action Listing  
 HAZNET..... Facility and Manifest Data  
 EML..... Emissions Inventory Data  
 INDIAN RESERV..... Indian Reservations  
 SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
 WDS..... Waste Discharge System  
 MWMP..... Medical Waste Management Program Listing  
 PCB TRANSFORMER..... PCB Transformer Registration Database  
 US FIN ASSUR..... Financial Assurance Information  
 EPA WATCH LIST..... EPA WATCH LIST  
 LEAD SMELTERS..... Lead Smelter Sites  
 Financial Assurance..... Financial Assurance Information Listing  
 PROC..... Certified Processors Database  
 HWT..... Registered Hazardous Waste Transporter Database  
 HWP..... EnviroStor Permitted Facilities Listing  
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
 US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
 COAL ASH DOE..... Steam-Electric Plant Operation Data  
 2020 COR ACTION..... 2020 Corrective Action Program List  
 PRP..... Potentially Responsible Parties

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants



## EXECUTIVE SUMMARY

### EDR RECOVERED GOVERNMENT ARCHIVES

#### **Exclusive Recovered Govt. Archives**

RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank  
RGA LF..... Recovered Government Archive Solid Waste Facilities List

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### **State- and tribal - equivalent CERCLIS**

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 03/11/2015 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SIMPSON REDWOOD CO.</b> Facility Id: 12240118 Status: Certified / Operation & Maintenance	<b>FOSTER AVENUE</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>1</b>	<b>8</b>

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

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

A review of the SWF/LF list, as provided by EDR, and dated 02/16/2015 has revealed that there is 1

## EXECUTIVE SUMMARY

SWF/LF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SAMOA LANDFILL SITE</b> Facility ID: 12-AA-0017 Regulation Status: Permitted Operational Status: Closed	<b>1/2 MI S OF LOUISIAN</b>	<b>E 1/4 - 1/2 (0.484 mi.)</b>	<b>J37</b>	<b>80</b>

### **State and tribal leaking storage tank lists**

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EEL RIVER SAWMILL,</b> Status: Completed - Case Closed Facility Id: 1THU518 Global Id: T0602300394	<b>FOSTER AVENUE</b>	<b>SE 0 - 1/8 (0.002 mi.)</b>	<b>2</b>	<b>22</b>
<b>S&amp;H AUTO WRECKERS</b> Status: Completed - Case Closed Global Id: T0602392503	<b>3028 ALLIANCE ROAD</b>	<b>E 1/8 - 1/4 (0.126 mi.)</b>	<b>D13</b>	<b>28</b>
<b>GAS-4-LESS</b> Status: Completed - Case Closed Facility Id: 1THU163 Global Id: T0602300129	<b>3197 ALLIANCE ROAD</b>	<b>E 1/8 - 1/4 (0.127 mi.)</b>	<b>D15</b>	<b>35</b>
<b>PACIFIC UNION ELEMEN</b> Status: Completed - Case Closed Facility Id: 1THU279 Global Id: T0602300211	<b>3001 JANES</b>	<b>ENE 1/8 - 1/4 (0.189 mi.)</b>	<b>F23</b>	<b>50</b>
<b>WESTWOOD LAUNDROMAT</b> Status: Completed - Case Closed Facility Id: 1THU431 Global Id: T0602300326	<b>2505 ALLIANCE</b>	<b>ESE 1/8 - 1/4 (0.196 mi.)</b>	<b>H28</b>	<b>55</b>
<b>ARCATA 76</b> Status: Open - Site Assessment Facility Id: 1THU339 Global Id: T0602300259	<b>2205 ALLIANCE ROAD</b>	<b>ESE 1/4 - 1/2 (0.346 mi.)</b>	<b>31</b>	<b>58</b>
<b>SUNSET SCHOOL</b> Status: Completed - Case Closed Facility Id: 1THU415 Global Id: T0602300315	<b>2400 BALDWIN</b>	<b>ESE 1/4 - 1/2 (0.441 mi.)</b>	<b>33</b>	<b>70</b>
<b>CAL-KIRK LANDSCAPING</b> Status: Completed - Case Closed Facility Id: 1THU082 Global Id: T0602300075	<b>2905 ST LOUIS RD</b>	<b>E 1/4 - 1/2 (0.471 mi.)</b>	<b>J34</b>	<b>72</b>
<b>MAD RIVER LUMBER</b> Status: Open - Verification Monitoring Facility Id: 1THU387 Global Id: T0602300292	<b>2935 ST LOUIS RD</b>	<b>E 1/4 - 1/2 (0.471 mi.)</b>	<b>J35</b>	<b>74</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HOMEM DAIRY</b> Status: Completed - Case Closed Facility Id: 1THU361 Global Id: T0602300273	<b>4003 SEIDEL RD</b>	<b>NNW 1/4 - 1/2 (0.439 mi.)</b>	<b>32</b>	<b>68</b>

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 03/13/2015 has revealed that there are 6 SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EEL RIVER SAWMILL,</b> Facility Id: 1NHU518 Facility Status: Completed - Case Closed Global Id: T0602391361	<b>FOSTER AVENUE</b>	<b>SE 0 - 1/8 (0.002 mi.)</b>	<b>2</b>	<b>22</b>
<b>SUN VALLEY BULB FARM</b> Facility Id: 1NHU091	<b>1780 TWENTYSEVENTH</b>	<b>E 0 - 1/8 (0.013 mi.)</b>	<b>A7</b>	<b>25</b>
<b>S&amp;H AUTO WRECKERS</b> Facility Status: Completed - Case Closed Global Id: SL0602311838	<b>3028 ALLIANCE ROAD</b>	<b>E 1/8 - 1/4 (0.126 mi.)</b>	<b>D13</b>	<b>28</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SIMPSON TIMBER COMPA</b> Facility Id: 1NHU661 Facility Status: Open - Verification Monitoring Global Id: T0602393409	<b>3315 FOSTER AVENUE</b>	<b>SW 1/8 - 1/4 (0.141 mi.)</b>	<b>E19</b>	<b>45</b>
<b>COOK, ESSE &amp; LINDA</b> Facility Id: 1NHU319 Facility Status: Open - Inactive Global Id: T0602393236	<b>2809 BAY SCHOOL ROAD</b>	<b>SSE 1/8 - 1/4 (0.168 mi.)</b>	<b>21</b>	<b>47</b>
<b>CHISUM, SHIRLEY</b> Facility Id: 1NHU452 Facility Status: Open - Site Assessment Global Id: T0602393280	<b>JANES &amp; ELEVENTH STR</b>	<b>SSE 1/4 - 1/2 (0.482 mi.)</b>	<b>36</b>	<b>79</b>

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 03/13/2015 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ARCATA PETRO MART</b> Facility Id: 12-000-000421	<b>3197 ALLIANCE RD</b>	<b>E 1/8 - 1/4 (0.127 mi.)</b>	<b>D14</b>	<b>35</b>

## EXECUTIVE SUMMARY

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	3160 UPPER BAY RD	NNE 0 - 1/8 (0.014 mi.)	B9	26

### ***State and tribal voluntary cleanup sites***

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 03/11/2015 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SIMPSON REDWOOD CO.</b> Status: Certified / Operation & Maintenance Facility Id: 12240118	<b>FOSTER AVENUE</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>1</b>	<b>8</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Registered Storage Tanks***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 4 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TROUT, ELMER B.</b> Status: I Facility Id: 12001242	<b>3655 SPEAR AVE</b>	<b>ENE 0 - 1/8 (0.072 mi.)</b>	<b>C11</b>	<b>27</b>
<b>HPI ARCATA SHELL PET</b> Status: A Facility Id: 12000111	<b>3197 ALLIANCE RD</b>	<b>E 1/8 - 1/4 (0.127 mi.)</b>	<b>D16</b>	<b>42</b>
<b>PACIFIC UNION ELEMEN</b> Status: I Facility Id: 12001139	<b>3001 JANES RD</b>	<b>ENE 1/8 - 1/4 (0.189 mi.)</b>	<b>F24</b>	<b>51</b>
<b>ALLIANCE MARKET</b> Status: I Facility Id: 12001340	<b>1499 SPEAR AVE</b>	<b>E 1/8 - 1/4 (0.191 mi.)</b>	<b>G25</b>	<b>52</b>



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HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 6 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ELMER B. TROUT Facility Id: 00000014727	3655 SPEAR AVE	ENE 0 - 1/8 (0.072 mi.)	C12	28
BEACON Facility Id: 00000002895	3198 ALLIANCE RD	E 1/8 - 1/4 (0.129 mi.)	D17	44
PACIFIC UNION SCHOOL Facility Id: 00000011592 Facility Id: 00000044839	3001 JANES RD	ENE 1/8 - 1/4 (0.189 mi.)	F22	49
ALLIANCE MARKET Facility Id: 00000052739	1499 SPEAR AVE	E 1/8 - 1/4 (0.191 mi.)	G26	54
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROBERT GRAHAM Facility Id: 00000031492	3466 SEIDEL RD	NW 0 - 1/8 (0.009 mi.)	6	25
<b>CASCADE FOREST PRO.</b> Facility Id: 00000050374	<b>1800 Q ST</b>	<b>SE 1/8 - 1/4 (0.229 mi.)</b>	<b>I29</b>	<b>57</b>

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TROUT, ELMER B.</b> Comp Number: 14727	<b>3655 SPEAR AVE</b>	<b>ENE 0 - 1/8 (0.072 mi.)</b>	<b>C11</b>	<b>27</b>
<b>HPI ARCATA SHELL PET</b> Status: A Tank Status: A Comp Number: 2895	<b>3197 ALLIANCE RD</b>	<b>E 1/8 - 1/4 (0.127 mi.)</b>	<b>D16</b>	<b>42</b>
<b>PACIFIC UNION ELEMEN</b> Comp Number: 11592	<b>3001 JANES RD</b>	<b>ENE 1/8 - 1/4 (0.189 mi.)</b>	<b>F24</b>	<b>51</b>
<b>ALLIANCE MARKET</b> Comp Number: 52739	<b>1499 SPEAR AVE</b>	<b>E 1/8 - 1/4 (0.191 mi.)</b>	<b>G25</b>	<b>52</b>

### Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there

## EXECUTIVE SUMMARY

are 9 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EEL RIVER SAWMILL,</b> Reg Id: 1THU518	<b>FOSTER AVENUE</b>	<b>SE 0 - 1/8 (0.002 mi.)</b>	<b>2</b>	<b>22</b>
<b>GAS-4-LESS</b> Reg Id: 1THU163	<b>3197 ALLIANCE ROAD</b>	<b>E 1/8 - 1/4 (0.127 mi.)</b>	<b>D15</b>	<b>35</b>
<b>PACIFIC UNION ELEMEN</b> Reg Id: 1THU279	<b>3001 JANES</b>	<b>ENE 1/8 - 1/4 (0.189 mi.)</b>	<b>F23</b>	<b>50</b>
<b>WESTWOOD LAUNDROMAT</b> Reg Id: 1THU431	<b>2505 ALLIANCE</b>	<b>ESE 1/8 - 1/4 (0.196 mi.)</b>	<b>H28</b>	<b>55</b>
<b>ARCATA 76</b> Reg Id: 1THU339	<b>2205 ALLIANCE ROAD</b>	<b>ESE 1/4 - 1/2 (0.346 mi.)</b>	<b>31</b>	<b>58</b>
<b>SUNSET SCHOOL</b> Reg Id: 1THU415	<b>2400 BALDWIN</b>	<b>ESE 1/4 - 1/2 (0.441 mi.)</b>	<b>33</b>	<b>70</b>
<b>CAL-KIRK LANDSCAPING</b> Reg Id: 1THU082	<b>2905 ST LOUIS RD</b>	<b>E 1/4 - 1/2 (0.471 mi.)</b>	<b>J34</b>	<b>72</b>
<b>MAD RIVER LUMBER</b> Reg Id: 1THU387	<b>2935 ST LOUIS RD</b>	<b>E 1/4 - 1/2 (0.471 mi.)</b>	<b>J35</b>	<b>74</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HOMEM DAIRY</b> Reg Id: 1THU361	<b>4003 SEIDEL RD</b>	<b>NNW 1/4 - 1/2 (0.439 mi.)</b>	<b>32</b>	<b>68</b>

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 5 CUPA Listings sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUN VALLEY FLORAL FA</b> Local Site Id: FA0003203 Permit Status: (none) Permit Status: Active Permit Status: Inactive	<b>3160 UPPER BAY RD</b>	<b>NNE 0 - 1/8 (0.014 mi.)</b>	<b>B10</b>	<b>26</b>
<b>GAS-4-LESS</b> Local Site Id: FA0000128 Permit Status: Active	<b>3197 ALLIANCE ROAD</b>	<b>E 1/8 - 1/4 (0.127 mi.)</b>	<b>D15</b>	<b>35</b>
<b>CITY OF ARCATA - ALL</b> Local Site Id: FA0000649 Permit Status: (none) Permit Status: Active	<b>2815 ALLIANCE RD</b>	<b>E 1/8 - 1/4 (0.138 mi.)</b>	<b>18</b>	<b>45</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>BAR M ORGANIC DAIRY</b> Local Site Id: FA0004539 Permit Status: Active Permit Status: (none)	<b>3364 FOSTER AVE</b>	<b>SW 1/8 - 1/4 (0.153 mi.)</b>	<b>E20</b>	<b>46</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CASCADE FOREST PRO.</b> Local Site Id: FA0002525 Permit Status: Active Permit Status: Inactive	<b>1800 Q ST</b>	<b>SE 1/8 - 1/4 (0.229 mi.)</b>	<b>I29</b>	<b>57</b>

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

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 5 Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUN VALLEY BULB FARM	1780 27TH STREET	E 0 - 1/8 (0.007 mi.)	A3	24
SUN VALLEY BULB FARM	1780 27TH STREET	E 0 - 1/8 (0.007 mi.)	A4	24
SUN VALLEY BULB FARM	1780 27TH STREET	E 0 - 1/8 (0.007 mi.)	A5	24
SUN VALLEY FLORAL FA	3160 UPPER BAY ROAD	NNE 0 - 1/8 (0.014 mi.)	B8	26
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ARCATA COMMUNITY REC</b>	<b>1380 NINTH STREET</b>	<b>SSE 1/2 - 1 (0.732 mi.)</b>	<b>38</b>	<b>82</b>

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1800 Q ST	SE 1/8 - 1/4 (0.229 mi.)	I30	58

## EXECUTIVE SUMMARY

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2505 ALLIANCE RD	ESE 1/8 - 1/4 (0.196 mi.)	H27	54



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name

ARCATA REMANUFACTURING  
S&H AUTO WRECKERS  
ARCATA REMANUFACTURING

Database(s)

CA FID UST, SWEEPS UST  
LUST  
HIST UST

# OVERVIEW MAP - 4293018.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

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

SITE NAME: Arcata Properties  
ADDRESS: 3318 Foster Avenue, 2725 Simpson Mill Road, 4044 L  
Arcata CA 95521  
LAT/LONG: 40.8893 / 124.1069

CLIENT: Partner Engineering and Science, Inc.  
CONTACT: Brett Nielsen  
INQUIRY #: 4293018.2s  
DATE: May 13, 2015 3:44 pm



# DETAIL MAP - 4293018.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Concern

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

SITE NAME: Arcata Properties  
 ADDRESS: 3318 Foster Avenue, 2725 Simpson Mill Road, 4044 L  
 Arcata CA 95521  
 LAT/LONG: 40.8893 / 124.1069

CLIENT: Partner Engineering and Science, Inc.  
 CONTACT: Brett Nielsen  
 INQUIRY #: 4293018.2s  
 DATE: May 13, 2015 3:47 pm



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b>Federal NPL site list</b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b>Federal Delisted NPL site list</b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b>Federal CERCLIS list</b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b>Federal CERCLIS NFRAP site List</b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b>Federal RCRA CORRACTS facilities list</b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b>Federal RCRA non-CORRACTS TSD facilities list</b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b>Federal RCRA generators list</b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b>Federal institutional controls / engineering controls registries</b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b>Federal ERNS list</b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b>State- and tribal - equivalent NPL</b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b>State- and tribal - equivalent CERCLIS</b>								
ENVIROSTOR	1.000		1	0	0	0	NR	1
<b>State and tribal landfill and/or solid waste disposal site lists</b>								
SWF/LF	0.500		0	0	1	NR	NR	1
<b>State and tribal leaking storage tank lists</b>								
LUST	0.500		1	4	5	NR	NR	10



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		2	3	1	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		1	0	0	NR	NR	1
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST	0.250		1	3	NR	NR	NR	4
HIST UST	0.250		2	4	NR	NR	NR	6
SWEEPS UST	0.250		1	3	NR	NR	NR	4
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		1	3	5	NR	NR	9
CUPA Listings	0.250		1	4	NR	NR	NR	5
Notify 65	1.000		4	0	0	1	NR	5
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
2020 COR ACTION PRP	0.250 TP		0 NR	0 NR	NR NR	NR NR	NR NR	0 0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<b><i>EDR Exclusive Records</i></b>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	1	NR	NR	NR	1
EDR US Hist Cleaners	0.250		0	1	NR	NR	NR	1
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	16	27	12	1	0	56

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

1 SIMPSON REDWOOD CO. VCP S102564437  
FOSTER AVENUE ENVIROSTOR N/A  
< 1/8 ARCATA, CA 95518  
1 ft.

Relative: VCP:  
Higher Facility ID: 12240118  
Site Type: Voluntary Cleanup  
Site Type Detail: Voluntary Cleanup  
Actual: Site Mgmt. Req.: NONE SPECIFIED  
24 ft. Acres: 209  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP, RWQCB 1 - North Coast  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Charles (Chip) Gribble  
Supervisor: Denise Tsuji  
Division Branch: Cleanup Berkeley  
Site Code: 200917  
Assembly: 02  
Senate: 02  
Special Programs Code: Voluntary Cleanup Program  
Status: Certified / Operation & Maintenance  
Status Date: 02/18/1999  
Restricted Use: NO  
Funding: Responsible Party  
Lat/Long: 40.88412 / -124.1079  
APN: 505-151-03, 505-151-04, 505-151-05, 505-161-09, 505-161-10,  
505-161-29, 505-181-07, 50515103, 50515104, 50515105, 50516109,  
50516110, 50516129, 50518107, 506-131-11, 506-231-01, 506-231-02,  
506-231-04, 506-231-05, 506-241-16, 50613111, 50623104, 50623105,  
50624116  
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS  
Potential COC: 30019, 30027, 30195, 30448  
Confirmed COC: 30019,30027,30195,30448  
Potential Description: OTH, SOIL  
Alias Name: FORMER SIMPSON TIMBER CO. RMNFCTNG PLANT  
Alias Type: Alternate Name  
Alias Name: SIMPSON ARCATA  
Alias Type: Alternate Name  
Alias Name: SIMPSON COMMON PAYMASTER COMPANY  
Alias Type: Alternate Name  
Alias Name: SIMPSON REDWOOD  
Alias Type: Alternate Name  
Alias Name: SIMPSON REMANUFACTURING  
Alias Type: Alternate Name  
Alias Name: SIMPSON TIMBER COMPANY  
Alias Type: Alternate Name  
Alias Name: 505-151-03  
Alias Type: APN  
Alias Name: 505-151-04  
Alias Type: APN  
Alias Name: 505-151-05  
Alias Type: APN  
Alias Name: 505-161-09  
Alias Type: APN  
Alias Name: 505-161-10  
Alias Type: APN  
Alias Name: 505-161-29



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Alias Type:	APN
Alias Name:	505-181-07
Alias Type:	APN
Alias Name:	50515103
Alias Type:	APN
Alias Name:	50515104
Alias Type:	APN
Alias Name:	50515105
Alias Type:	APN
Alias Name:	50516109
Alias Type:	APN
Alias Name:	50516110
Alias Type:	APN
Alias Name:	50516129
Alias Type:	APN
Alias Name:	50518107
Alias Type:	APN
Alias Name:	506-131-11
Alias Type:	APN
Alias Name:	506-231-01
Alias Type:	APN
Alias Name:	506-231-02
Alias Type:	APN
Alias Name:	506-231-04
Alias Type:	APN
Alias Name:	506-231-05
Alias Type:	APN
Alias Name:	506-241-16
Alias Type:	APN
Alias Name:	50613111
Alias Type:	APN
Alias Name:	50623104
Alias Type:	APN
Alias Name:	50623105
Alias Type:	APN
Alias Name:	50624116
Alias Type:	APN
Alias Name:	110033609263
Alias Type:	EPA (FRS #)
Alias Name:	200917
Alias Type:	Project Code (Site Code)
Alias Name:	12240118
Alias Type:	Envirostor ID Number

**Completed Info:**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	5 Year Review Reports
Completed Date:	07/06/2005
Comments:	Two additional monitoring wells (MW-7 and MW-8 in the former south lunchroom area) were installed January 2004 in accordance with the DTSC-approved Five Year Review Workplan. DTSC concurred with the Five Year Review Report's recommendation to implement a Monitored Natural Attenuation (MNA) program on a quarterly basis for one year. After one year, the additional information will be evaluated and used to determine if contaminant concentrations in groundwater are being effectively reduced and if water quality objectives can be achieved in a reasonable timeframe.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 02/13/1999  
Comments: Approximately 8600 cubic yards of soil was excavated and disposed off-site. Approximately 1.2 million gallons of water was removed and treated through a transporable treatment unit before being discharged to the Greater Eureka Area (Elk River) Waste Water Treatment Plant. All cleanup goals were met except for the presence of cis-1,2-dichloroethylene, found in the groundwater at levels 10 to 15 micrograms per liter (exceeding drinking water standards).

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 11/07/1997  
Comments: Approved RAW requiring hot spot soil and groundwater removal. Groundwater monitoring is also required after removal of impacted soil and groundwater.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 08/28/1997  
Comments: Completed PEA. Investigations conducted in 1987 determined that the soil was contaminated with pentachlorophenol (PCP). The groundwater detected PCP, cis-1,2-dichloroethylene, benzene, toluene, and xylenes. Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 06/29/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 09/15/1997  
Comments: Mailed out on 9/13/1997 and hand-delivered 9/15 and 9/16/1997.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 09/15/1997  
Comments: Published in the Times-Standard on 9/15/1997.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/16/2007  
Comments: Comments sent requiring continued quarterly groundwater monitoring as well as the addition of ethane and ethane, biodegradation products of volatile organic compounds including vinyl chloride, to the analytical suite for the quarterly groundwater monitoring

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 09/12/2008  
Comments: Quarterly monitoring will continue.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 06/23/2008  
Comments: Groundwater monitoring will continue.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 10/21/2008  
Comments: Report approved. Approval sets groundwater monitoring schedule to occur during the second week of the sampling month each time.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 03/16/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 05/28/2009  
Comments: Quarterly groundwater monitoring will continue.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/13/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/28/2009  
Comments: DTSC annual cost estimate letter sent.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 04/18/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/19/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation & Maintenance Order/Agreement

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Date: 01/28/1999  
Comments: Six groundwater monitoring wells surrounding the excavation and extraction zone require quarterly monitoring as a part of required operation and maintenance activities.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 09/25/1997  
Comments: Added Simpson Common Paymaster Company as a project proponent, and updated scope of work, cost estimate, and schedule.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 02/18/1999  
Comments: Certified Removal Action Workplan implementation. Groundwater monitoring is required as a part of operation and maintenance activities.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 11/07/1997  
Comments: Approved becoming an Appendix to the Final RAW. Based on the initial study findings, no significant environmental impacts will occur from Final Removal Action Workplan implementation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 04/21/1997  
Comments: Amendment updates schedule and cost estimate.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 02/05/1997  
Comments: Simpson Redwood Company entered into the VCA for DTSC to oversee site investigation and remediation activities.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 07/15/2009  
Comments: Groundwater sampling results indicate chemicals of concerns remain elevated above Site cleanup goals. Groundwater sampling will continue.  
Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 12/03/2010  
Comments: Not reported

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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Document Type: Operations and Maintenance Report  
Completed Date: 12/20/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/11/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 04/11/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 06/13/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/12/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/13/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 07/18/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 06/23/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 10/28/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 05/11/2011  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 02/01/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 12/07/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 07/11/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 08/09/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 09/11/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/06/2012  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Operations and Maintenance Report  
Future Due Date: 2015  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Operations and Maintenance Report  
Future Due Date: 2016  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2016  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Facility ID: 12240118  
Status: Certified / Operation & Maintenance

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Status Date: 02/18/1999  
Site Code: 200917  
Site Type: Voluntary Cleanup  
Site Type Detailed: Voluntary Cleanup  
Acres: 209  
NPL: NO  
Regulatory Agencies: SMBRP, RWQCB 1 - North Coast  
Lead Agency: SMBRP  
Program Manager: Charles (Chip) Gribble  
Supervisor: Denise Tsuji  
Division Branch: Cleanup Berkeley  
Assembly: 02  
Senate: 02  
Special Program: Voluntary Cleanup Program  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 40.88412  
Longitude: -124.1079  
APN: 505-151-03, 505-151-04, 505-151-05, 505-161-09, 505-161-10,  
505-161-29, 505-181-07, 50515103, 50515104, 50515105, 50516109,  
50516110, 50516129, 50518107, 506-131-11, 506-231-01, 506-231-02,  
506-231-04, 506-231-05, 506-241-16, 50613111, 50623104, 50623105,  
50624116  
Past Use: MANUFACTURING - LUMBER/WOOD PRODUCTS  
Potential COC: Polynuclear aromatic hydrocarbons (PAHs Trichloroethylene (TCE  
1,2-Dichloroethylene (cis Pentachlorophenol  
Confirmed COC: Polynuclear aromatic hydrocarbons (PAHs Trichloroethylene (TCE  
1,2-Dichloroethylene (cis Pentachlorophenol  
Potential Description: OTH, SOIL  
Alias Name: FORMER SIMPSON TIMBER CO. RMNFCTNG PLANT  
Alias Type: Alternate Name  
Alias Name: SIMPSON ARCATA  
Alias Type: Alternate Name  
Alias Name: SIMPSON COMMON PAYMASTER COMPANY  
Alias Type: Alternate Name  
Alias Name: SIMPSON REDWOOD  
Alias Type: Alternate Name  
Alias Name: SIMPSON REMANUFACTURING  
Alias Type: Alternate Name  
Alias Name: SIMPSON TIMBER COMPANY  
Alias Type: Alternate Name  
Alias Name: 505-151-03  
Alias Type: APN  
Alias Name: 505-151-04  
Alias Type: APN  
Alias Name: 505-151-05  
Alias Type: APN  
Alias Name: 505-161-09  
Alias Type: APN  
Alias Name: 505-161-10  
Alias Type: APN  
Alias Name: 505-161-29  
Alias Type: APN  
Alias Name: 505-181-07  
Alias Type: APN  
Alias Name: 50515103

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Alias Type: APN  
Alias Name: 50515104  
Alias Type: APN  
Alias Name: 50515105  
Alias Type: APN  
Alias Name: 50516109  
Alias Type: APN  
Alias Name: 50516110  
Alias Type: APN  
Alias Name: 50516129  
Alias Type: APN  
Alias Name: 50518107  
Alias Type: APN  
Alias Name: 506-131-11  
Alias Type: APN  
Alias Name: 506-231-01  
Alias Type: APN  
Alias Name: 506-231-02  
Alias Type: APN  
Alias Name: 506-231-04  
Alias Type: APN  
Alias Name: 506-231-05  
Alias Type: APN  
Alias Name: 506-241-16  
Alias Type: APN  
Alias Name: 50613111  
Alias Type: APN  
Alias Name: 50623104  
Alias Type: APN  
Alias Name: 50623105  
Alias Type: APN  
Alias Name: 50624116  
Alias Type: APN  
Alias Name: 110033609263  
Alias Type: EPA (FRS #)  
Alias Name: 200917  
Alias Type: Project Code (Site Code)  
Alias Name: 12240118  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 07/06/2005  
Comments: Two additional monitoring wells (MW-7 and MW-8 in the former south lunchroom area) were installed January 2004 in accordance with the DTSC-approved Five Year Review Workplan. DTSC concurred with the Five Year Review Report's recommendation to implement a Monitored Natural Attenuation (MNA) program on a quarterly basis for one year. After one year, the additional information will be evaluated and used to determine if contaminant concentrations in groundwater are being effectively reduced and if water quality objectives can be achieved in a reasonable timeframe.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Date: 02/13/1999  
Comments: Approximately 8600 cubic yards of soil was excavated and disposed off-site. Approximately 1.2 million gallons of water was removed and treated through a transportable treatment unit before being discharged to the Greater Eureka Area (Elk River) Waste Water Treatment Plant. All cleanup goals were met except for the presence of cis-1,2-dichloroethylene, found in the groundwater at levels 10 to 15 micrograms per liter (exceeding drinking water standards).

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 11/07/1997  
Comments: Approved RAW requiring hot spot soil and groundwater removal. Groundwater monitoring is also required after removal of impacted soil and groundwater.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 08/28/1997  
Comments: Completed PEA. Investigations conducted in 1987 determined that the soil was contaminated with pentachlorophenol (PCP). The groundwater detected PCP, cis-1,2-dichloroethylene, benzene, toluene, and xylenes. Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: 5 Year Review Reports  
Completed Date: 06/29/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 09/15/1997  
Comments: Mailed out on 9/13/1997 and hand-delivered 9/15 and 9/16/1997.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 09/15/1997  
Comments: Published in the Times-Standard on 9/15/1997.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/16/2007  
Comments: Comments sent requiring continued quarterly groundwater monitoring as well as the addition of ethane and ethane, biodegradation products of volatile organic compounds including vinyl chloride, to the analytical suite for the quarterly groundwater monitoring

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 09/12/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Comments: Quarterly monitoring will continue.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 06/23/2008  
Comments: Groundwater monitoring will continue.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 10/21/2008  
Comments: Report approved. Approval sets groundwater monitoring schedule to occur during the second week of the sampling month each time.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 03/16/2009  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 05/28/2009  
Comments: Quarterly groundwater monitoring will continue.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 01/13/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/28/2009  
Comments: DTSC annual cost estimate letter sent.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 04/18/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/19/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operation & Maintenance Order/Agreement  
Completed Date: 01/28/1999  
Comments: Six groundwater monitoring wells surrounding the excavation and extraction zone require quarterly monitoring as a part of required

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

operation and maintenance activities.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 09/25/1997  
Comments: Added Simpson Common Paymaster Company as a project proponent, and updated scope of work, cost estimate, and schedule.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 02/18/1999  
Comments: Certified Removal Action Workplan implementation. Groundwater monitoring is required as a part of operation and maintenance activities.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Initial Study/ Neg. Declaration  
Completed Date: 11/07/1997  
Comments: Approved becoming an Appendix to the Final RAW. Based on the initial study findings, no significant environmental impacts will occur from Final Removal Action Workplan implementation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 04/21/1997  
Comments: Amendment updates schedule and cost estimate.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 02/05/1997  
Comments: Simpson Redwood Company entered into the VCA for DTSC to oversee site investigation and remediation activities.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 07/15/2009  
Comments: Groundwater sampling results indicate chemicals of concerns remain elevated above Site cleanup goals. Groundwater sampling will continue.  
Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 12/03/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 12/20/2010  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/11/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 04/11/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 06/13/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/12/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 01/13/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 07/18/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Financial Assurance Documentation  
Completed Date: 06/23/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 10/28/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \*Correspondence - Received  
Completed Date: 05/11/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON REDWOOD CO. (Continued)**

**S102564437**

Completed Date: 02/01/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 12/07/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 07/11/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Report  
Completed Date: 08/09/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Operations and Maintenance Plan Amendment  
Completed Date: 09/11/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/06/2012  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Operations and Maintenance Report  
Future Due Date: 2015

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Operations and Maintenance Report  
Future Due Date: 2016

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2016

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

2  
SE  
< 1/8  
0.002 mi.  
8 ft.

EEL RIVER SAWMILL, SPECIALITY  
FOSTER AVENUE  
ARCATA, CA 0

HIST CORTESE  
LUST  
SLIC

S102429138  
N/A

Relative:  
Higher

HIST CORTESE:

Region: CORTESE  
Facility County Code: 12  
Reg By: LTNKA  
Reg Id: 1THU518

Actual:  
25 ft.

LUST:

Region: STATE  
Global Id: T0602300394  
Latitude: 40.881698  
Longitude: -124.09478  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 05/22/2001  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU518  
LOC Case Number: 12518  
File Location: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0602300394  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Global Id: T0602300394  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100  
City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

Status History:

Global Id: T0602300394  
Status: Completed - Case Closed  
Status Date: 05/22/2001

Global Id: T0602300394  
Status: Open - Verification Monitoring  
Status Date: 05/21/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

EEL RIVER SAWMILL, SPECIALITY (Continued)

S102429138

Global Id: T0602300394  
Status: Open - Case Begin Date  
Status Date: 02/28/1995

Global Id: T0602300394  
Status: Open - Remediation  
Status Date: 05/21/2001

Global Id: T0602300394  
Status: Open - Site Assessment  
Status Date: 03/20/1995

Global Id: T0602300394  
Status: Open - Site Assessment  
Status Date: 05/21/2001

Regulatory Activities:

Global Id: T0602300394  
Action Type: ENFORCEMENT  
Date: 05/22/2001  
Action: Closure/No Further Action Letter

Global Id: T0602300394  
Action Type: Other  
Date: 02/28/1995  
Action: Leak Discovery

Global Id: T0602300394  
Action Type: Other  
Date: 02/28/1995  
Action: Leak Stopped

Global Id: T0602300394  
Action Type: Other  
Date: 02/28/1995  
Action: Leak Reported

LUST REG 1:

Region: 1  
Facility ID: 1THU518  
Staff Initials: HUM

SLIC:

Region: STATE  
**Facility Status:** Completed - Case Closed  
Status Date: 03/10/2009  
Global Id: T0602391361  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 40.880935  
Longitude: -124.099052  
Case Type: Cleanup Program Site  
Case Worker: ZZZ  
Local Agency: Not reported  
RB Case Number: 1NHU518

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EEL RIVER SAWMILL, SPECIALITY (Continued)**

**S102429138**

File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply, Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Redwood mill - dioxins found associated with former teepee burner.  
contaminated soils removed. No further action required as of 2-2-09.

[Click here to access the California GeoTracker records for this facility:](#)

**SLIC REG 1:**

Region: 1  
Facility ID: 1NHU518  
Staff Initials: AAA

**A3**  
**East**  
**< 1/8**  
**0.007 mi.**  
**35 ft.**  
**SUN VALLEY BULB FARMS INC**  
**1780 27TH STREET**  
**ARCATA, CA 93923**  
**Site 1 of 4 in cluster A**

**Notify 65** **S100178248**  
**N/A**

**Relative:** NOTIFY 65:  
**Higher** Date Reported: Not reported  
Staff Initials: Not reported  
**Actual:** Board File Number: Not reported  
**32 ft.** Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 93923

**A4**  
**East**  
**< 1/8**  
**0.007 mi.**  
**35 ft.**  
**SUN VALLEY BULB FARMS**  
**1780 27TH STREET**  
**ARCATA, CA 93923**  
**Site 2 of 4 in cluster A**

**Notify 65** **S100178356**  
**N/A**

**Relative:** NOTIFY 65:  
**Higher** Date Reported: Not reported  
Staff Initials: Not reported  
**Actual:** Board File Number: Not reported  
**32 ft.** Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 93923

**A5**  
**East**  
**< 1/8**  
**0.007 mi.**  
**35 ft.**  
**SUN VALLEY BULB FARMS**  
**1780 27TH STREET**  
**ARCATA, CA 93923**  
**Site 3 of 4 in cluster A**

**Notify 65** **S100178419**  
**N/A**

**Relative:** NOTIFY 65:  
**Higher** Date Reported: Not reported  
Staff Initials: Not reported  
**Actual:** Board File Number: Not reported  
**32 ft.** Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 93923



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

6  
NW  
< 1/8  
0.009 mi.  
49 ft.

ROBERT GRAHAM  
3466 SEIDEL RD  
ARCATA, CA 95521

HIST UST U001611506  
N/A

Relative:  
Lower

HIST UST:

Region: STATE  
Facility ID: 00000031492  
Facility Type: Other  
Other Type: FARM  
Contact Name: Not reported  
Telephone: 7078221234  
Owner Name: ROBERT GRAHAM  
Owner Address: 3466 SEIDEL ROAD  
Owner City,St,Zip: ARCATA, CA 95521  
Total Tanks: 0001

Tank Num: 001  
Container Num: 1  
Year Installed: 1945  
Tank Capacity: 00000300  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

A7  
East  
< 1/8  
0.013 mi.  
66 ft.

SUN VALLEY BULB FARMS  
1780 TWENTYSEVENTH  
ARCATA, CA 95521

SLIC S105050870  
LDS N/A

Site 4 of 4 in cluster A

Relative:  
Higher

SLIC REG 1:

Region: 1  
Facility ID: 1NHU091  
Staff Initials: RRA

Actual:  
33 ft.

LDS:

Global Id: T0602393182  
Latitude: 40.88841  
Longitude: -124.0967  
Case Type: Land Disposal Site  
Status: Open - Site Assessment  
Status Date: 02/01/1989  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Caseworker: LDP  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1LDHU091  
LOC Case Number: Not reported  
File Location: Regional Board  
Potential Media Affect: Under Investigation  
EDR Link ID: T0602393182  
Potential Contaminants of Concern: Other Insecticides / Pesticide / Fumigants / Herbicides  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN VALLEY BULB FARMS (Continued)**

**S105050870**

[Click here to access the California GeoTracker records for this facility:](#)

**B8** **SUN VALLEY FLORAL FARMS** **Notify 65** **S100562407**  
**NNE** **3160 UPPER BAY ROAD** **N/A**  
**< 1/8** **ARCATA, CA 95521**  
**0.014 mi.**  
**75 ft.** **Site 1 of 3 in cluster B**

**Relative:** **NOTIFY 65:**  
**Higher** **Date Reported:** 19930623  
**Staff Initials:** SAW  
**Actual:** **Board File Number:** 0TE930000  
**25 ft.** **Facility Type:** NONPOINT  
**Discharge Date:** Not reported  
**Incident Description:** 95521 SELF-MONITORING REPORTS FROM SVFF SHOWS PESTICIDES LIKE ZIRAM (DITHIOCARBAMATES) IN WELL WATER ON-SITE, AND RUN

**B9** **3160 UPPER BAY RD** **AST** **A100211422**  
**NNE** **ARCATA, CA 95521** **N/A**  
**< 1/8**  
**0.014 mi.**  
**75 ft.** **Site 2 of 3 in cluster B**

**Relative:** **AST:**  
**Higher** **Certified Unified Program Agencies:** Humboldt  
**Owner:** Sun Valley Floral Farms  
**Actual:** **Total Gallons:** 33,875  
**25 ft.**

**B10** **SUN VALLEY FLORAL FARMS - ARCATA DIVISION** **CUPA Listings** **S107146144**  
**NNE** **3160 UPPER BAY RD** **N/A**  
**< 1/8** **ARCATA, CA 95521**  
**0.014 mi.**  
**75 ft.** **Site 3 of 3 in cluster B**

**Relative:** **CUPA HUMBOLDT:**  
**Higher** **Local Site Id:** FA0003203  
**Facility Address 2:** Not reported  
**Actual:** **Program Identifier:** CUPA - Hazardous Materials Facility Fee  
**25 ft.** **Program Element Code Desc:** 4202 Hazardous Materials Facility Fee  
**Permit Status:** (none)  
**Latitude:** 40.89607  
**Longitude:** -124.1007

**Local Site Id:** FA0003203  
**Facility Address 2:** Not reported  
**Program Identifier:** CUPA - Hazardous Waste Generator (SQG)  
**Program Element Code Desc:** 4401 Hazardous Waste Generator (SQG)  
**Permit Status:** Active  
**Latitude:** 40.89607  
**Longitude:** -124.1007

**Local Site Id:** FA0003203  
**Facility Address 2:** Not reported  
**Program Identifier:** CUPA - Response Team Support

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN VALLEY FLORAL FARMS - ARCATA DIVISION (Continued)**

**S107146144**

Program Element Code Desc: 5056 HazMat Emergency Response Team Support

Permit Status: Inactive

Latitude: 40.89607

Longitude: -124.1007

Local Site Id: FA0003203

Facility Address 2: Not reported

Program Identifier: CUPA - APSA Engineered Facility

Program Element Code Desc: 4007 APSA Engineered Facility

Permit Status: Active

Latitude: 40.89607

Longitude: -124.1007

Local Site Id: FA0003203

Facility Address 2: Not reported

Program Identifier: CUPA - HMBP and/or Inventory

Program Element Code Desc: 4201 HMBP and/or Inventory

Permit Status: Active

Latitude: 40.89607

Longitude: -124.1007

**C11**  
**ENE**  
**< 1/8**  
**0.072 mi.**  
**378 ft.**

**TROUT, ELMER B.**  
**3655 SPEAR AVE**  
**ARCATA, CA 95521**

**CA FID UST** **S101582093**  
**SWEEPS UST** **N/A**

**Site 1 of 2 in cluster C**

**Relative:**  
**Higher**

**Actual:**  
**36 ft.**

**CA FID UST:**

Facility ID: 12001242

Regulated By: UTNKI

Regulated ID: 00014727

Cortese Code: Not reported

SIC Code: Not reported

Facility Phone: Not reported

Mail To: Not reported

Mailing Address: 3655 SPEAR AVE

Mailing Address 2: Not reported

Mailing City,St,Zip: ARCATA 95521

Contact: Not reported

Contact Phone: Not reported

DUNs Number: Not reported

NPDES Number: Not reported

EPA ID: Not reported

Comments: Not reported

Status: Inactive

**SWEEPS UST:**

Status: Not reported

Comp Number: 14727

Number: Not reported

Board Of Equalization: Not reported

Referral Date: Not reported

Action Date: Not reported

Created Date: Not reported

Owner Tank Id: Not reported

SWRCB Tank Id: 12-000-014727-000001

Tank Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TROUT, ELMER B. (Continued)**

**S101582093**

Capacity: 550  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: LEADED  
Number Of Tanks: 1

**C12**  
**ENE**  
**< 1/8**  
**0.072 mi.**  
**378 ft.**

**ELMER B. TROUT**  
**3655 SPEAR AVE**  
**ARCATA, CA 95521**  
**Site 2 of 2 in cluster C**

**HIST UST** **U001611426**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**36 ft.**

**HIST UST:**  
Region: STATE  
Facility ID: 00000014727  
Facility Type: Other  
Other Type: HOME  
Contact Name: Not reported  
Telephone: 7078225762  
Owner Name: ELMER B. TROUT  
Owner Address: 3655 SPEAR AVE.  
Owner City,St,Zip: ARCATA, CA 95521  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 012  
Year Installed: 1976  
Tank Capacity: 00000550  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: None

**D13**  
**East**  
**1/8-1/4**  
**0.126 mi.**  
**663 ft.**

**S&H AUTO WRECKERS**  
**3028 ALLIANCE ROAD**  
**ARCATA, CA 95521**  
**Site 1 of 5 in cluster D**

**LUST** **S103866821**  
**SLIC** **N/A**

**Relative:**  
**Higher**

**Actual:**  
**36 ft.**

**LUST:**  
Region: STATE  
Global Id: T0602392503  
Latitude: 40.888840736  
Longitude: -124.087688089  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/04/2010  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: BS  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU737  
LOC Case Number: 12737  
File Location: Local Agency  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline, Benzene, Toluene, Xylene



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S&H AUTO WRECKERS (Continued)**

**S103866821**

Site History: site submitted to RB for nfa decision 3/1/0/10 RB concur 5/10/10

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0602392503  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY HD LOP LEAD  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: 7074456215

Global Id: T0602392503  
Contact Type: Local Agency Caseworker  
Contact Name: BOB STONE  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H STREET, SUITE 100  
City: EUREKA  
Email: bstone@co.humboldt.ca.us  
Phone Number: Not reported

**Status History:**

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 12/20/2004

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 03/28/2005

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 02/01/2006

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 03/10/2006

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 06/15/2006

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 07/31/2006

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 09/21/2006

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 01/18/2007

Global Id: T0602392503

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S&H AUTO WRECKERS (Continued)**

**S103866821**

Status:	Open - Site Assessment
Status Date:	04/09/2007
Global Id:	T0602392503
Status:	Open - Site Assessment
Status Date:	07/09/2007
Global Id:	T0602392503
Status:	Completed - Case Closed
Status Date:	08/04/2010
Global Id:	T0602392503
Status:	Open - Verification Monitoring
Status Date:	02/21/2008
Global Id:	T0602392503
Status:	Open - Verification Monitoring
Status Date:	02/25/2009
Global Id:	T0602392503
Status:	Open - Case Begin Date
Status Date:	07/01/1998
Global Id:	T0602392503
Status:	Open - Remediation
Status Date:	05/25/2005
Global Id:	T0602392503
Status:	Open - Remediation
Status Date:	05/31/2005
Global Id:	T0602392503
Status:	Open - Remediation
Status Date:	11/15/2007
Global Id:	T0602392503
Status:	Open - Remediation
Status Date:	01/14/2008
Global Id:	T0602392503
Status:	Open - Remediation
Status Date:	06/02/2008
Global Id:	T0602392503
Status:	Open - Site Assessment
Status Date:	01/14/2000
Global Id:	T0602392503
Status:	Open - Site Assessment
Status Date:	08/21/2000
Global Id:	T0602392503
Status:	Open - Site Assessment
Status Date:	02/10/2004
Global Id:	T0602392503
Status:	Open - Site Assessment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S&H AUTO WRECKERS (Continued)**

**S103866821**

Status Date: 04/21/2004

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 05/26/2004

Global Id: T0602392503  
Status: Open - Site Assessment  
Status Date: 09/15/2004

**Regulatory Activities:**

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 06/01/2005  
Action: Staff Letter

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 03/23/2010  
Action: Staff Letter

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 03/23/2010  
Action: LOP Case Closure Summary to RB

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 03/23/2010  
Action: Notification - Public Participation Document

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 05/19/2010  
Action: Staff Letter

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 05/13/2010  
Action: Technical Correspondence / Assistance / Other

Global Id: T0602392503  
Action Type: RESPONSE  
Date: 06/07/2002  
Action: Soil and Water Investigation Workplan

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 02/17/2004  
Action: Staff Letter

Global Id: T0602392503  
Action Type: ENFORCEMENT  
Date: 02/17/2004  
Action: Staff Letter

Global Id: T0602392503

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S&H AUTO WRECKERS (Continued)**

**S103866821**

Action Type:	ENFORCEMENT
Date:	01/06/2005
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	Other
Date:	06/01/2000
Action:	Leak Discovery
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	09/28/2006
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	07/09/2007
Action:	Site Visit / Inspection / Sampling
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	03/10/2006
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	05/18/2007
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	04/09/2007
Action:	File review
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	09/21/2006
Action:	Verbal Communication
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	01/19/2007
Action:	File review
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	06/15/2006
Action:	File review
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	07/31/2006
Action:	File review
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	09/17/2010



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S&H AUTO WRECKERS (Continued)**

**S103866821**

Action:	Technical Correspondence / Assistance / Other
Global Id:	T0602392503
Action Type:	RESPONSE
Date:	04/16/2004
Action:	Soil and Water Investigation Workplan
Global Id:	T0602392503
Action Type:	RESPONSE
Date:	07/30/2004
Action:	Other Workplan
Global Id:	T0602392503
Action Type:	RESPONSE
Date:	03/07/2005
Action:	Corrective Action Plan / Remedial Action Plan
Global Id:	T0602392503
Action Type:	REMEDICATION
Date:	03/24/2008
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0602392503
Action Type:	REMEDICATION
Date:	07/09/2007
Action:	In Situ Physical/Chemical Treatment (other than SVE)
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	02/21/2008
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	07/16/2007
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	08/04/2010
Action:	Closure/No Further Action Letter
Global Id:	T0602392503
Action Type:	Other
Date:	06/01/2000
Action:	Leak Stopped
Global Id:	T0602392503
Action Type:	Other
Date:	08/21/2000
Action:	Leak Reported
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	06/20/2002
Action:	Meeting

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S&H AUTO WRECKERS (Continued)**

**S103866821**

Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	02/25/2009
Action:	File review
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	07/02/2004
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	08/14/2008
Action:	File review
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	12/10/2008
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	03/02/2009
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	RESPONSE
Date:	08/14/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	02/04/2002
Action:	* Historical Enforcement
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	02/01/2006
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	07/08/2002
Action:	Staff Letter
Global Id:	T0602392503
Action Type:	ENFORCEMENT
Date:	09/01/2009
Action:	File review

**SLIC:**

Region:	STATE
<b>Facility Status:</b>	<b>Completed - Case Closed</b>
Status Date:	04/18/2003
Global Id:	SL0602311838
Lead Agency:	NORTH COAST RWQCB (REGION 1)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**S&H AUTO WRECKERS (Continued)**

**S103866821**

Lead Agency Case Number: Not reported  
Latitude: 40.888633  
Longitude: -124.086536  
Case Type: Cleanup Program Site  
Case Worker: ZZZ  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1NHU737  
File Location: Not reported  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Lead, Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**D14**  
**East**  
**1/8-1/4**  
**0.127 mi.**  
**671 ft.**  
**ARCATA PETRO MART**  
**3197 ALLIANCE RD**  
**ARCATA, CA 95521**  
**Site 2 of 5 in cluster D**

**UST** **U003775959**  
**N/A**

**Relative:** **UST:**  
**Higher** Facility ID: 12-000-000421  
Permitting Agency: HUMBOLDT COUNTY  
**Actual:** Latitude: 40.891343  
**37 ft.** Longitude: -124.08648

**D15**  
**East**  
**1/8-1/4**  
**0.127 mi.**  
**671 ft.**  
**GAS-4-LESS**  
**3197 ALLIANCE ROAD**  
**ARCATA, CA 95521**  
**Site 3 of 5 in cluster D**

**HIST CORTESE** **S101294715**  
**LUST** **N/A**  
**CUPA Listings**  
**EMI**

**Relative:** **HIST CORTESE:**  
**Higher** Region: CORTESE  
Facility County Code: 12  
**Actual:** Reg By: LTNKA  
**37 ft.** Reg Id: 1THU163

**LUST:**  
Region: STATE  
Global Id: T0602300129  
Latitude: 40.8902788  
Longitude: -124.0867166  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 02/09/2010  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU163  
LOC Case Number: 12163  
File Location: Local Agency  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS-4-LESS (Continued)**

**S101294715**

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0602300129  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY HD LOP LEAD  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: 7074456215

Global Id: T0602300129  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100  
City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

**Status History:**

Global Id: T0602300129  
Status: Completed - Case Closed  
Status Date: 02/09/2010

Global Id: T0602300129  
Status: Open - Verification Monitoring  
Status Date: 03/24/2006

Global Id: T0602300129  
Status: Open - Verification Monitoring  
Status Date: 07/01/2009

Global Id: T0602300129  
Status: Open - Case Begin Date  
Status Date: 09/07/1989

Global Id: T0602300129  
Status: Open - Remediation  
Status Date: 04/28/2004

Global Id: T0602300129  
Status: Open - Remediation  
Status Date: 06/07/2004

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 09/07/1989

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 08/30/1991

Global Id: T0602300129  
Status: Open - Site Assessment



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS-4-LESS (Continued)**

**S101294715**

Status Date: 09/18/1991

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 04/03/2003

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 04/14/2003

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 06/04/2003

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 08/12/2003

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 09/10/2003

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 01/28/2004

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 02/05/2004

Global Id: T0602300129  
Status: Open - Site Assessment  
Status Date: 04/30/2004

**Regulatory Activities:**

Global Id: T0602300129  
Action Type: ENFORCEMENT  
Date: 02/08/2010  
Action: Closure/No Further Action Letter

Global Id: T0602300129  
Action Type: ENFORCEMENT  
Date: 08/12/2003  
Action: Staff Letter

Global Id: T0602300129  
Action Type: ENFORCEMENT  
Date: 06/04/2003  
Action: Staff Letter

Global Id: T0602300129  
Action Type: ENFORCEMENT  
Date: 09/10/2003  
Action: Staff Letter

Global Id: T0602300129  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS-4-LESS (Continued)**

**S101294715**

Date:	02/05/2004
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	04/28/2004
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	04/03/2003
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	03/24/2006
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	Other
Date:	09/07/1989
Action:	Leak Discovery
Global Id:	T0602300129
Action Type:	REMEDIATION
Date:	06/09/2004
Action:	Not reported
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	11/15/2006
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	Other
Date:	09/07/1989
Action:	Leak Stopped
Global Id:	T0602300129
Action Type:	Other
Date:	09/07/1989
Action:	Leak Reported
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	06/07/2004
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	04/14/2003
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	01/28/2004
Action:	Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS-4-LESS (Continued)**

**S101294715**

Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	04/30/2004
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	01/08/2009
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	07/28/2009
Action:	LOP Case Closure Summary to RB
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	08/12/2009
Action:	Staff Letter
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	09/07/1989
Action:	* Historical Enforcement
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	09/17/2009
Action:	Notification - Public Participation Document
Global Id:	T0602300129
Action Type:	ENFORCEMENT
Date:	11/19/2009
Action:	Closure/No Further Action Letter

**LUST REG 1:**

Region:	1
Facility ID:	1THU163
Staff Initials:	HUM

**CUPA HUMBOLDT:**

Local Site Id:	FA0000128
Facility Address 2:	Not reported
Program Identifier:	CUPA - Response Team Support
Program Element Code Desc:	5056 HazMat Emergency Response Team Support
Permit Status:	Active
Latitude:	40.89012
Longitude:	-124.0878

Local Site Id:	FA0000128
Facility Address 2:	Not reported
Program Identifier:	CUPA - SQG
Program Element Code Desc:	4401 Hazardous Waste Generator (SQG)
Permit Status:	Active
Latitude:	40.89012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS-4-LESS (Continued)**

**S101294715**

Longitude: -124.0878  
  
Local Site Id: FA0000128  
Facility Address 2: Not reported  
Program Identifier: CUPA - Hazardous Materials Facility Fee  
Program Element Code Desc: 4202 Hazardous Materials Facility Fee  
Permit Status: Active  
Latitude: 40.89012  
Longitude: -124.0878

Local Site Id: FA0000128  
Facility Address 2: Not reported  
Program Identifier: CUPA - HMBP  
Program Element Code Desc: 4201 HMBP and/or Inventory  
Permit Status: Active  
Latitude: 40.89012  
Longitude: -124.0878

Local Site Id: FA0000128  
Facility Address 2: Not reported  
Program Identifier: CUPA - UST  
Program Element Code Desc: 4101 UST Facility Operating Permit  
Permit Status: Active  
Latitude: 40.89012  
Longitude: -124.0878

**EMI:**

Year: 2006  
County Code: 12  
Air Basin: NC  
Facility ID: 622  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1624486962705177233  
Reactive Organic Gases Tons/Yr: .1616374  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2007  
County Code: 12  
Air Basin: NC  
Facility ID: 622  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1446305093052274067  
Reactive Organic Gases Tons/Yr: .1439082  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS-4-LESS (Continued)**

**S101294715**

SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0  
  
Year: 2008  
County Code: 12  
Air Basin: NC  
Facility ID: 622  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1315822440854620378  
Reactive Organic Gases Tons/Yr: .1309251  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2009  
County Code: 12  
Air Basin: NC  
Facility ID: 622  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.118310764125935  
Reactive Organic Gases Tons/Yr: 0.1177199  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2010  
County Code: 12  
Air Basin: NC  
Facility ID: 622  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.118310764125935  
Reactive Organic Gases Tons/Yr: 0.1177199  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2011  
County Code: 12

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GAS-4-LESS (Continued)**

**S101294715**

Air Basin: NC  
Facility ID: 622  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.13871928751  
Reactive Organic Gases Tons/Yr: 0.1380265  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

**D16**  
**East**  
**1/8-1/4**  
**0.127 mi.**  
**671 ft.**

**HPI ARCATA SHELL PETRO MART**  
**3197 ALLIANCE RD**  
**ARCATA, CA 95521**

**CA FID UST S101581998**  
**SWEEPS UST N/A**

**Site 4 of 5 in cluster D**

**Relative:**  
**Higher**

**Actual:**  
**37 ft.**

CA FID UST:  
Facility ID: 12000111  
Regulated By: UTKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: Not reported  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: ARCATA 95521  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: Not reported  
Comp Number: 2895  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 12-000-002895-000503  
Tank Status: Not reported  
Capacity: 6000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HPI ARCATA SHELL PETRO MART (Continued)

S101581998

Status: Not reported  
Comp Number: 2895  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 12-000-002895-005901  
Tank Status: Not reported  
Capacity: 6000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: LEADED  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 2895  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 12-000-002895-005902  
Tank Status: Not reported  
Capacity: 8000  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2895  
Number: 1  
Board Of Equalization: Not reported  
Referral Date: 06-11-91  
Action Date: 06-11-91  
Created Date: 12-05-88  
Owner Tank Id: 1  
SWRCB Tank Id: 12-000-002895-000001  
Tank Status: A  
Capacity: 8000  
Active Date: 06-05-92  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: Active  
Comp Number: 2895  
Number: 1  
Board Of Equalization: Not reported  
Referral Date: 06-11-91  
Action Date: 06-11-91

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HPI ARCATA SHELL PETRO MART (Continued)

S101581998

Created Date: 12-05-88  
Owner Tank Id: 2  
SWRCB Tank Id: 12-000-002895-000002  
Tank Status: A  
Capacity: 6000  
Active Date: 06-05-92  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2895  
Number: 1  
Board Of Equalization: Not reported  
Referral Date: 06-11-91  
Action Date: 06-11-91  
Created Date: 12-05-88  
Owner Tank Id: 3  
SWRCB Tank Id: 12-000-002895-000003  
Tank Status: A  
Capacity: 6000  
Active Date: 06-05-92  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

D17  
East  
1/8-1/4  
0.129 mi.  
683 ft.

BEACON  
3198 ALLIANCE RD  
ARCATA, CA 95521  
Site 5 of 5 in cluster D

HIST UST U001611409  
N/A

Relative:  
Higher

Actual:  
37 ft.

HIST UST:  
Region: STATE  
Facility ID: 00000002895  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: DAVID CRIBB  
Telephone: 7078228741  
Owner Name: RUELL OIL COMPANY  
Owner Address: 1125 4TH STREET  
Owner City,St,Zip: EUREKA, CA 95501  
Total Tanks: 0003

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BEACON (Continued)**

**U001611409**

Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

18  
East  
1/8-1/4  
0.138 mi.  
728 ft.

**CITY OF ARCATA - ALLIANCE ROAD TRANSFER STATION**  
**2815 ALLIANCE RD**  
**ARCATA, CA 95521**

**CUPA Listings S110737982**  
**N/A**

**Relative:**  
**Higher**

**CUPA HUMBOLDT:**  
Local Site Id: FA0000649  
Facility Address 2: Not reported  
Program Identifier: CUPA - Response Team Support  
Program Element Code Desc: 5056 HazMat Emergency Response Team Support  
Permit Status: (none)  
Latitude: 40.88744  
Longitude: -124.0887

**Actual:**  
**35 ft.**

Local Site Id: FA0000649  
Facility Address 2: Not reported  
Program Identifier: CUPA - Hazardous Materials Facility Fee  
Program Element Code Desc: 4202 Hazardous Materials Facility Fee  
Permit Status: (none)  
Latitude: 40.88744  
Longitude: -124.0887

Local Site Id: FA0000649  
Facility Address 2: Not reported  
Program Identifier: CUPA - HMBP  
Program Element Code Desc: 4201 HMBP and/or Inventory  
Permit Status: Active  
Latitude: 40.88744  
Longitude: -124.0887

E19  
SW  
1/8-1/4  
0.141 mi.  
743 ft.

**SIMPSON TIMBER COMPANY, ARCATA**  
**3315 FOSTER AVENUE**  
**ARCATA, CA 95521**

**SLIC S105050961**  
**N/A**

**Site 1 of 2 in cluster E**

**Relative:**  
**Lower**

**SLIC:**  
Region: STATE  
Facility Status: **Open - Verification Monitoring**  
Status Date: 08/05/2013

**Actual:**  
**16 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SIMPSON TIMBER COMPANY, ARCATA (Continued)**

**S105050961**

Global Id: T0602393409  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 40.8831338898209  
Longitude: -124.106991291046  
Case Type: Cleanup Program Site  
Case Worker: RBD  
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
RB Case Number: 1NHU661  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: \* Solvents, Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Vinyl chloride, Dioxin / Furans, Polychlorinated biphenyls (PCBs), Other Insecticides / Pesticide / Fumigants / Herbicides, Pentachlorophenol (PCP), Nickel, Benzene, Diesel, Gasoline, Toluene, Waste Oil / Motor / Hydraulic / Lubricating, Xylene  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**SLIC REG 1:**

Region: 1  
Facility ID: 1NHU661  
Staff Initials: KSA

**E20  
SW  
1/8-1/4  
0.153 mi.  
808 ft.**

**BAR M ORGANIC DAIRY  
3364 FOSTER AVE  
ARCATA, CA 95521  
Site 2 of 2 in cluster E**

**CUPA Listings S112135829  
N/A**

**Relative:  
Lower**

**CUPA HUMBOLDT:**

Local Site Id: FA0004539  
Facility Address 2: Not reported  
Program Identifier: CUPA - SQG - Ag Facility  
Program Element Code Desc: 4413 Haz Waste Generator (SQG) - Ag Facility  
Permit Status: Active  
Latitude: 40.88323  
Longitude: -124.1110

**Actual:  
15 ft.**

Local Site Id: FA0004539  
Facility Address 2: Not reported  
Program Identifier: CUPA - Response Team Support  
Program Element Code Desc: 5056 HazMat Emergency Response Team Support  
Permit Status: (none)  
Latitude: 40.88323  
Longitude: -124.1110

Local Site Id: FA0004539  
Facility Address 2: Not reported  
Program Identifier: CUPA - Hazardous Materials Facility Fee  
Program Element Code Desc: 4202 Hazardous Materials Facility Fee  
Permit Status: (none)  
Latitude: 40.88323  
Longitude: -124.1110

Local Site Id: FA0004539

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BAR M ORGANIC DAIRY (Continued)**

**S112135829**

Facility Address 2: Not reported  
Program Identifier: CUPA - HMBP and/or Inventory - Ag Facility  
Program Element Code Desc: 4213 HMBP and/or Inventory - Ag Facility  
Permit Status: Active  
Latitude: 40.88323  
Longitude: -124.1110

21  
SSE  
1/8-1/4  
0.168 mi.  
886 ft.

**COOK, ESSE & LINDA**  
**2809 BAY SCHOOL ROAD**  
**ARCATA, CA 95521**

**SLIC S105051183**  
**ENF N/A**

**Relative:**  
**Lower**

**SLIC:**

Region: STATE  
**Facility Status: Open - Inactive**  
Status Date: 02/19/2009  
Global Id: T0602393236  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 40.879363  
Longitude: -124.103619  
Case Type: Cleanup Program Site  
Case Worker: BBB  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1NHU319  
File Location: Regional Board  
Potential Media Affected: Under Investigation  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

**Actual:**  
**22 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

**SLIC REG 1:**

Region: 1  
Facility ID: 1NHU319  
Staff Initials: KSA

**ENF:**

Region: 1  
Facility Id: 215627  
Agency Name: Not reported  
Place Type: Facility  
Place Subtype: Groundwater Cleanup Site  
Facility Type: All other facilities  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 40.879442  
Place Longitude: -124.103757  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COOK, ESSE & LINDA (Continued)

S105051183

NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	TANKS
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	225010
Region:	1
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/23/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/23/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 1B1HU319NSL Cook, Jesse & Linda



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COOK, ESSE & LINDA (Continued)

S105051183

Description:	WORKPLAN LATE BY 3.5 MONTHS
Program:	SLIC
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	\$0.00
Initial Assessed Amount:	\$0.00
Liability \$ Amount:	\$0.00
Project \$ Amount:	\$0.00
Liability \$ Paid:	\$0.00
Project \$ Completed:	\$0.00
Total \$ Paid/Completed Amount:	\$0.00

F22  
ENE  
1/8-1/4  
0.189 mi.  
996 ft.

PACIFIC UNION SCHOOL  
3001 JANES RD  
ARCATA, CA 95521  
Site 1 of 3 in cluster F

HIST UST U001611492  
N/A

Relative:  
Higher

Actual:  
34 ft.

HIST UST:	
Region:	STATE
Facility ID:	00000011592
Facility Type:	Other
Other Type:	SCHOOL
Contact Name:	Not reported
Telephone:	7078223594
Owner Name:	PACIFIC UNION SCHOOL DISTRICT
Owner Address:	3001 JANES RD
Owner City,St,Zip:	ARCATA, CA 95521
Total Tanks:	0002

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	001
Container Num:	1
Year Installed:	1959
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

F23  
ENE  
1/8-1/4  
0.189 mi.  
996 ft.  
PACIFIC UNION ELEMENTARY  
3001 JANES  
ARCATA, CA 95521  
Site 2 of 3 in cluster F

HIST CORTESE  
LUST  
S104164062  
N/A

Relative:  
Higher  
Actual:  
34 ft.  
HIST CORTESE:  
Region:  
Facility County Code:  
Reg By:  
Reg Id:  
CORTESE  
12  
LTNKA  
1THU279

LUST:  
Region:  
Global Id:  
Latitude:  
Longitude:  
Case Type:  
Status:  
Status Date:  
Lead Agency:  
Case Worker:  
Local Agency:  
RB Case Number:  
LOC Case Number:  
File Location:  
Potential Media Affect:  
Potential Contaminants of Concern:  
Site History:  
STATE  
T0602300211  
40.894747  
-124.093431  
LUST Cleanup Site  
Completed - Case Closed  
08/14/1991  
NORTH COAST RWQCB (REGION 1)  
ZZZ  
HUMBOLDT COUNTY LOP  
1THU279  
Not reported  
Not reported  
Soil  
Gasoline  
Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:  
Global Id:  
Contact Type:  
Contact Name:  
Organization Name:  
Address:  
City:  
Email:  
Phone Number:  
T0602300211  
Regional Board Caseworker  
REGIONAL WATER BOARD SITE CLOSED  
NORTH COAST RWQCB (REGION 1)  
5550 SKYLANE BOULEVARD, SUITE A  
SANTA ROSA  
craig.hunt@waterboards.ca.gov  
7075762220

Global Id:  
Contact Type:  
Contact Name:  
Organization Name:  
Address:  
City:  
Email:  
Phone Number:  
T0602300211  
Local Agency Caseworker  
Mark Verhey  
HUMBOLDT COUNTY LOP  
100 H Street, Suite 100  
Eureka  
mark.verhey@co.humboldt.ca.us  
Not reported

Status History:  
Global Id:  
Status:  
Status Date:  
Global Id:  
Status:  
Status Date:  
T0602300211  
Open - Verification Monitoring  
08/13/1991  
T0602300211  
Open - Case Begin Date  
08/02/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC UNION ELEMENTARY (Continued)**

**S104164062**

Global Id: T0602300211  
Status: Open - Remediation  
Status Date: 08/13/1991

Global Id: T0602300211  
Status: Open - Site Assessment  
Status Date: 08/03/1990

Global Id: T0602300211  
Status: Open - Site Assessment  
Status Date: 08/13/1991

Global Id: T0602300211  
Status: Completed - Case Closed  
Status Date: 08/14/1991

**Regulatory Activities:**

Global Id: T0602300211  
Action Type: Other  
Date: 08/02/1990  
Action: Leak Discovery

Global Id: T0602300211  
Action Type: Other  
Date: 08/02/1990  
Action: Leak Stopped

Global Id: T0602300211  
Action Type: Other  
Date: 08/02/1990  
Action: Leak Reported

Global Id: T0602300211  
Action Type: ENFORCEMENT  
Date: 08/03/1990  
Action: \* Historical Enforcement

**LUST REG 1:**

Region: 1  
Facility ID: 1THU279  
Staff Initials: Closed

**F24  
ENE  
1/8-1/4  
0.189 mi.  
996 ft.**

**PACIFIC UNION ELEMENTARY SCHOOL  
3001 JANES RD  
ARCATA, CA 95521**

**Site 3 of 3 in cluster F**

**Relative:  
Higher**

**Actual:  
34 ft.**

CA FID UST:  
Facility ID: 12001139  
Regulated By: UTNKL  
Regulated ID: 00011592  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: Not reported  
Mail To: Not reported

**CA FID UST S101629711  
SWEEPS UST N/A**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC UNION ELEMENTARY SCHOOL (Continued)**

**S101629711**

Mailing Address: 3001 JANES RD  
Mailing Address 2: Not reported  
Mailing City, St, Zip: ARCATA 95521  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**SWEEPS UST:**

Status: Not reported  
Comp Number: 11592  
Number: Not reported  
Board Of Equalization: 44-004907  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 12-000-011592-000001  
Tank Status: Not reported  
Capacity: Not reported  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: LEADED  
Number Of Tanks: 2

Status: Not reported  
Comp Number: 11592  
Number: Not reported  
Board Of Equalization: 44-004907  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 12-000-011592-000002  
Tank Status: Not reported  
Capacity: Not reported  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: DIESEL  
Number Of Tanks: Not reported

**G25**  
**East**  
**1/8-1/4**  
**0.191 mi.**  
**1009 ft.**  
**ALLIANCE MARKET**  
**1499 SPEAR AVE**  
**ARCATA, CA 95521**  
**Site 1 of 2 in cluster G**

**CA FID UST** **S101627531**  
**SWEEPS UST** **N/A**

**Relative:**  
**Higher**

**Actual:**  
**38 ft.**

CA FID UST:  
Facility ID: 12001340  
Regulated By: UTNKI  
Regulated ID: 00052739  
Cortese Code: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLIANCE MARKET (Continued)**

**S101627531**

SIC Code: Not reported  
Facility Phone: Not reported  
Mail To: Not reported  
Mailing Address: 4972 CRESTWOOD CT  
Mailing Address 2: Not reported  
Mailing City,St,Zip: ARCATA 95521  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**SWEEPS UST:**

Status: Not reported  
Comp Number: 52739  
Number: Not reported  
Board Of Equalization: 44-005115  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 12-000-052739-000001  
Tank Status: Not reported  
Capacity: 300  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: REG UNLEADED  
Number Of Tanks: 2

Status: Not reported  
Comp Number: 52739  
Number: Not reported  
Board Of Equalization: 44-005115  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 12-000-052739-000002  
Tank Status: Not reported  
Capacity: 300  
Active Date: Not reported  
Tank Use: M.V. FUEL  
STG: PRODUCT  
Content: LEADED  
Number Of Tanks: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G26**  
**East**  
**1/8-1/4**  
**0.191 mi.**  
**1009 ft.**

**ALLIANCE MARKET**  
**1499 SPEAR AVE**  
**ARCATA, CA 95521**

**Site 2 of 2 in cluster G**

**HIST UST**    **U001611394**  
**N/A**

**Relative:**  
**Higher**

HIST UST:

Region: STATE  
Facility ID: 00000052739  
Facility Type: Other  
Other Type: GROCERY STORE  
Contact Name: HIRAM J DIMMICK  
Telephone: 7078221653  
Owner Name: HIRAM J & MARJORIE A DIMMICK  
Owner Address: 4972 CRESTWOOD COURT  
Owner City,St,Zip: ARCATA, CA 95521  
Total Tanks: 0002

**Actual:**  
**38 ft.**

Tank Num: 001  
Container Num: #1  
Year Installed: Not reported  
Tank Capacity: 00000300  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: #2  
Year Installed: Not reported  
Tank Capacity: 00000300  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: None

**H27**  
**ESE**  
**1/8-1/4**  
**0.196 mi.**  
**1037 ft.**

**2505 ALLIANCE RD**  
**ARCATA, CA 95521**

**Site 1 of 2 in cluster H**

**EDR US Hist Cleaners**    **1015028064**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Cleaners:

Name: WESTWOOD LAUNDROMAT  
Year: 1999  
Address: 2505 ALLIANCE RD

**Actual:**  
**29 ft.**

Name: WESTWOOD LAUNDROMAT  
Year: 2000  
Address: 2505 ALLIANCE RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

H28 WESTWOOD LAUNDROMAT  
ESE 2505 ALLIANCE  
1/8-1/4 ARCATA, CA 95521  
0.196 mi.  
1037 ft. Site 2 of 2 in cluster H

HIST CORTESE S101294714  
LUST N/A

Relative:  
Higher

HIST CORTESE:

Region: CORTESE  
Facility County Code: 12  
Reg By: LTNKA  
Reg Id: 1THU431

Actual:  
29 ft.

LUST:

Region: STATE  
Global Id: T0602300326  
Latitude: 40.884782  
Longitude: -124.090218  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/30/1999  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU431  
LOC Case Number: 12431  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0602300326  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Global Id: T0602300326  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100  
City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

Status History:

Global Id: T0602300326  
Status: Completed - Case Closed  
Status Date: 06/30/1999

Global Id: T0602300326  
Status: Open - Verification Monitoring  
Status Date: 06/29/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WESTWOOD LAUNDROMAT (Continued)**

**S101294714**

Global Id: T0602300326  
Status: Open - Case Begin Date  
Status Date: 08/31/1992

Global Id: T0602300326  
Status: Open - Remediation  
Status Date: 06/29/1999

Global Id: T0602300326  
Status: Open - Site Assessment  
Status Date: 10/05/1992

Global Id: T0602300326  
Status: Open - Site Assessment  
Status Date: 09/26/1994

Global Id: T0602300326  
Status: Open - Site Assessment  
Status Date: 06/29/1999

**Regulatory Activities:**

Global Id: T0602300326  
Action Type: Other  
Date: 08/31/1992  
Action: Leak Discovery

Global Id: T0602300326  
Action Type: Other  
Date: 08/31/1992  
Action: Leak Stopped

Global Id: T0602300326  
Action Type: Other  
Date: 08/31/1992  
Action: Leak Reported

Global Id: T0602300326  
Action Type: ENFORCEMENT  
Date: 10/05/1992  
Action: \* Historical Enforcement

**LUST REG 1:**

Region: 1  
Facility ID: 1THU431  
Staff Initials: HUM



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

I29      CASCADE FOREST PRO. INC.  
SE      1800 Q ST  
1/8-1/4      ARCATA, CA 95521  
0.229 mi.  
1211 ft.      Site 1 of 2 in cluster I

HIST UST      U001611419  
CUPA Listings      N/A

Relative:  
Lower

HIST UST:

Region:      STATE  
Facility ID:      00000050374  
Facility Type:      Other  
Other Type:      COMPOST MFG. CO.  
Contact Name:      JOE LINDAREN  
Telephone:      7078222476  
Owner Name:      CASCADE FOREST PRO. INC.  
Owner Address:      1800 Q ST.  
Owner City,St,Zip:      ARCATA, CA 95521  
Total Tanks:      0001

Tank Num:      001  
Container Num:      001  
Year Installed:      Not reported  
Tank Capacity:      00000500  
Tank Used for:      PRODUCT  
Type of Fuel:      UNLEADED  
Container Construction Thickness:      Not reported  
Leak Detection:      None

Actual:  
19 ft.

CUPA HUMBOLDT:

Local Site Id:      FA0002525  
Facility Address 2:      Not reported  
Program Identifier:      CUPA - SQG  
Program Element Code Desc:      4401 Hazardous Waste Generator (SQG)  
Permit Status:      Active  
Latitude:      40.87852  
Longitude:      -124.0940

Local Site Id:      FA0002525  
Facility Address 2:      Not reported  
Program Identifier:      CUPA - Hazardous Materials Facility Fee  
Program Element Code Desc:      4202 Hazardous Materials Facility Fee  
Permit Status:      Inactive  
Latitude:      40.87852  
Longitude:      -124.0940

Local Site Id:      FA0002525  
Facility Address 2:      Not reported  
Program Identifier:      CUPA - Response Team Support  
Program Element Code Desc:      5056 HazMat Emergency Response Team Support  
Permit Status:      Inactive  
Latitude:      40.87852  
Longitude:      -124.0940

Local Site Id:      FA0002525  
Facility Address 2:      Not reported  
Program Identifier:      CUPA - HMBP  
Program Element Code Desc:      4201 HMBP and/or Inventory  
Permit Status:      Active  
Latitude:      40.87852  
Longitude:      -124.0940

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

I30  
SE  
1/8-1/4  
0.229 mi.  
1211 ft.

1800 Q ST  
ARCATA, CA 95521

EDR US Hist Auto Stat 1015277803  
N/A

Site 2 of 2 in cluster I

Relative:  
Lower

EDR Historical Auto Stations:

Name: G & M QUALITY TRUCK REPAIR  
Year: 1999  
Address: 1800 Q ST

Actual:  
19 ft.

Name: G & M QUALITY TRUCK REPAIR  
Year: 2000  
Address: 1800 Q ST

Name: G & M QUALITY TRUCK REPAIR  
Year: 2001  
Address: 1800 Q ST

Name: G & M QUALITY TRUCK REPAIR  
Year: 2002  
Address: 1800 Q ST

Name: G & M QUALITY TRUCK REPAIR  
Year: 2003  
Address: 1800 Q ST

Name: G & M QUALITY TRUCK REPAIR  
Year: 2004  
Address: 1800 Q ST

Name: G & M QUALITY TRUCK REPAIR  
Year: 2005  
Address: 1800 Q ST

Name: SHIFT EZE TRANSMISSION SPECIALISTS  
Year: 2007  
Address: 1800 Q ST

Name: Q ST SVC CTR  
Year: 2010  
Address: 1800 Q ST

31  
ESE  
1/4-1/2  
0.346 mi.  
1827 ft.

ARCATA 76  
2205 ALLIANCE ROAD  
ARCATA, CA 0

HIST CORTESE S101307182  
LUST N/A  
CUPA Listings  
EMI

Relative:  
Higher

HIST CORTESE:

Region: CORTESE  
Facility County Code: 12  
Reg By: LTNKA  
Reg Id: 1THU339

Actual:  
24 ft.

LUST:

Region: STATE  
Global Id: T0602300259  
Latitude: 40.8823938671991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA 76 (Continued)**

**S101307182**

Longitude: -124.091567611754  
Case Type: LUST Cleanup Site  
Status: Open - Site Assessment  
Status Date: 05/02/2013  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU339  
LOC Case Number: 12339  
File Location: Local Agency  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0602300259  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY HD LOP LEAD  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: 7074456215

Global Id: T0602300259  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100  
City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

**Status History:**

Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 10/31/2005

Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 02/01/2006

Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 02/02/2006

Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 04/12/2006

Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 05/04/2006

Global Id: T0602300259

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA 76 (Continued)**

**S101307182**

Status:	Open - Site Assessment
Status Date:	10/11/2006
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	10/20/2006
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	11/15/2006
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	02/26/2007
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	04/19/2007
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	05/25/2007
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	08/08/2007
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	11/19/2007
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	12/21/2007
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	08/04/2009
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	05/02/2013
Global Id:	T0602300259
Status:	Open - Case Begin Date
Status Date:	03/14/1991
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	03/15/1991
Global Id:	T0602300259
Status:	Open - Site Assessment
Status Date:	10/26/1994
Global Id:	T0602300259
Status:	Open - Site Assessment



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCATA 76 (Continued)

S101307182

Status Date: 07/31/2003  
  
Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 09/02/2003  
  
Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 12/08/2003  
  
Global Id: T0602300259  
Status: Open - Site Assessment  
Status Date: 12/14/2003

Regulatory Activities:

Global Id: T0602300259  
Action Type: RESPONSE  
Date: 10/08/2014  
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 07/31/2003  
Action: Staff Letter

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 09/02/2003  
Action: Staff Letter

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 10/20/2006  
Action: Staff Letter

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 04/12/2006  
Action: Staff Letter

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 10/19/2011  
Action: Staff Letter

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 05/13/2011  
Action: Staff Letter

Global Id: T0602300259  
Action Type: Other  
Date: 03/14/1991  
Action: Leak Discovery

Global Id: T0602300259  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCATA 76 (Continued)

S101307182

Date:	10/31/2005
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	05/04/2006
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	08/08/2007
Action:	File review
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	02/02/2006
Action:	File review
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	11/15/2006
Action:	File review
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	02/01/2006
Action:	Site Visit / Inspection / Sampling
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	04/19/2007
Action:	Meeting
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	02/03/2011
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	10/11/2006
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	11/19/2007
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	05/25/2007
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	12/14/2006
Action:	Verbal Communication

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCATA 76 (Continued)

S101307182

Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	03/15/2011
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	Other
Date:	03/14/1991
Action:	Leak Stopped
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	01/16/2013
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	Other
Date:	03/14/1991
Action:	Leak Reported
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	03/15/1991
Action:	* Historical Enforcement
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	12/08/2003
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	02/26/2007
Action:	File review
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	04/19/2012
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	10/11/2012
Action:	Notice of Violation
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	08/23/2012
Action:	Warning Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	03/17/2009
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA 76 (Continued)**

**S101307182**

Date:	11/14/2008
Action:	Notice of Violation
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	12/22/2008
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	02/26/2009
Action:	Meeting
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	02/17/2009
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	06/10/2009
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	06/30/2014
Action:	File review
Global Id:	T0602300259
Action Type:	RESPONSE
Date:	01/19/2009
Action:	Conceptual Site Model
Global Id:	T0602300259
Action Type:	RESPONSE
Date:	05/01/2009
Action:	Conceptual Site Model
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	08/04/2009
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	07/29/2009
Action:	Meeting
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	10/20/2014
Action:	Staff Letter
Global Id:	T0602300259
Action Type:	ENFORCEMENT
Date:	12/22/2014
Action:	Staff Letter



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA 76 (Continued)**

**S101307182**

Global Id: T0602300259  
Action Type: RESPONSE  
Date: 08/04/2014  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 10/03/2002  
Action: Staff Letter

Global Id: T0602300259  
Action Type: ENFORCEMENT  
Date: 02/20/2015  
Action: Staff Letter

Global Id: T0602300259  
Action Type: RESPONSE  
Date: 08/04/2014  
Action: Clean Up Fund - 5-Year Review Summary

**LUST REG 1:**

Region: 1  
Facility ID: 1THU339  
Staff Initials: HUM

**CUPA HUMBOLDT:**

Local Site Id: FA0000345  
Facility Address 2: Not reported  
Program Identifier: CUPA - Hazardous Materials Facility Fee  
Program Element Code Desc: 4202 Hazardous Materials Facility Fee  
Permit Status: (none)  
Latitude: 40.88247  
Longitude: -124.0916

Local Site Id: FA0000345  
Facility Address 2: Not reported  
Program Identifier: CUPA - Response Team Support  
Program Element Code Desc: 5056 HazMat Emergency Response Team Support  
Permit Status: Inactive  
Latitude: 40.88247  
Longitude: -124.0916

Local Site Id: FA0000345  
Facility Address 2: Not reported  
Program Identifier: CUPA - SQG  
Program Element Code Desc: 4401 Hazardous Waste Generator (SQG)  
Permit Status: Active  
Latitude: 40.88247  
Longitude: -124.0916

Local Site Id: FA0000345  
Facility Address 2: Not reported  
Program Identifier: CUPA - HMBP  
Program Element Code Desc: 4201 HMBP and/or Inventory  
Permit Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA 76 (Continued)**

**S101307182**

Latitude: 40.88247  
Longitude: -124.0916

Local Site Id: FA0000345  
Facility Address 2: Not reported  
Program Identifier: CUPA - UST  
Program Element Code Desc: 4101 UST Facility Operating Permit  
Permit Status: Active  
Latitude: 40.88247  
Longitude: -124.0916

**EMI:**

Year: 2006  
County Code: 12  
Air Basin: NC  
Facility ID: 654  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .2556406124061688464  
Reactive Organic Gases Tons/Yr: .2543639  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2007  
County Code: 12  
Air Basin: NC  
Facility ID: 654  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .2419636073666034703  
Reactive Organic Gases Tons/Yr: .2407552  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2008  
County Code: 12  
Air Basin: NC  
Facility ID: 654  
Air District Name: NCU  
SIC Code: 5541  
Air District Name: NORTH COAST UNIFIED AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1949648875870952269  
Reactive Organic Gases Tons/Yr: .1939912

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCATA 76 (Continued)

S101307182

Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2009
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.13227409917298499
Reactive Organic Gases Tons/Yr:	0.13161349999999999
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2010
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.13227409917298499
Reactive Organic Gases Tons/Yr:	0.13161349999999999
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2011
County Code:	12
Air Basin:	NC
Facility ID:	654
Air District Name:	NCU
SIC Code:	5541
Air District Name:	NORTH COAST UNIFIED AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.21631671256
Reactive Organic Gases Tons/Yr:	0.2152534
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

32  
NNW  
1/4-1/2  
0.439 mi.  
2316 ft.

HOMEM DAIRY  
4003 SEIDEL RD  
ARCATA, CA 95521

HIST CORTESE  
LUST  
CUPA Listings

S100272092  
N/A

Relative:  
Lower

HIST CORTESE:

Region: CORTESE  
Facility County Code: 12  
Reg By: LTNKA  
Reg Id: 1THU361

Actual:  
10 ft.

LUST:

Region: STATE  
Global Id: T0602300273  
Latitude: 40.906124  
Longitude: -124.115285  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 02/20/2003  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU361  
LOC Case Number: 12361  
File Location: Not reported  
Potential Media Affect: Well used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0602300273  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Global Id: T0602300273  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100  
City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

Status History:

Global Id: T0602300273  
Status: Completed - Case Closed  
Status Date: 02/20/2003

Global Id: T0602300273  
Status: Open - Case Begin Date  
Status Date: 06/19/1991



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOMEM DAIRY (Continued)**

**S100272092**

Global Id: T0602300273  
Status: Open - Site Assessment  
Status Date: 07/05/1991

**Regulatory Activities:**

Global Id: T0602300273  
Action Type: ENFORCEMENT  
Date: 11/19/2002  
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300273  
Action Type: ENFORCEMENT  
Date: 02/20/2003  
Action: Closure/No Further Action Letter

Global Id: T0602300273  
Action Type: ENFORCEMENT  
Date: 11/26/2002  
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300273  
Action Type: Other  
Date: 06/19/1991  
Action: Leak Discovery

Global Id: T0602300273  
Action Type: Other  
Date: 06/19/1991  
Action: Leak Stopped

Global Id: T0602300273  
Action Type: Other  
Date: 06/19/1991  
Action: Leak Reported

Global Id: T0602300273  
Action Type: ENFORCEMENT  
Date: 07/05/1991  
Action: \* Historical Enforcement

Global Id: T0602300273  
Action Type: ENFORCEMENT  
Date: 05/01/2003  
Action: Staff Letter

**LUST REG 1:**

Region: 1  
Facility ID: 1THU361  
Staff Initials: HUM

**CUPA HUMBOLDT:**

Local Site Id: FA0001461  
Facility Address 2: Not reported  
Program Identifier: CUPA - SQG- Ag Facility  
Program Element Code Desc: 4413 Haz Waste Generator (SQG) - Ag Facility

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOMEM DAIRY (Continued)**

**S100272092**

Permit Status: Active  
Latitude: 40.90512  
Longitude: -124.1152

Local Site Id: FA0001461  
Facility Address 2: Not reported  
Program Identifier: CUPA - HMBP and/or Inventory - Ag Facility  
Program Element Code Desc: 4213 HMBP and/or Inventory - Ag Facility  
Permit Status: Active  
Latitude: 40.90512  
Longitude: -124.1152

Local Site Id: FA0001461  
Facility Address 2: Not reported  
Program Identifier: CUPA - Response Team Support  
Program Element Code Desc: 5056 HazMat Emergency Response Team Support  
Permit Status: (none)  
Latitude: 40.90512  
Longitude: -124.1152

Local Site Id: FA0001461  
Facility Address 2: Not reported  
Program Identifier: CUPA - Hazardous Materials Facility Fee  
Program Element Code Desc: 4202 Hazardous Materials Facility Fee  
Permit Status: (none)  
Latitude: 40.90512  
Longitude: -124.1152

33  
ESE  
1/4-1/2  
0.441 mi.  
2326 ft.

**SUNSET SCHOOL**  
**2400 BALDWIN**  
**ARCATA, CA 95521**

**HIST CORTESE** **S101294717**  
**LUST** **N/A**

**Relative:**  
**Higher**

**HIST CORTESE:**  
Region: CORTESE  
Facility County Code: 12  
Reg By: LTNKA  
Reg Id: 1THU415

**Actual:**  
**48 ft.**

**LUST:**  
Region: STATE  
Global Id: T0602300315  
Latitude: 40.8833967  
Longitude: -124.0842319  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/07/2002  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: BS  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU415  
LOC Case Number: 12415  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET SCHOOL (Continued)**

**S101294717**

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0602300315  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Global Id: T0602300315  
Contact Type: Local Agency Caseworker  
Contact Name: BOB STONE  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H STREET, SUITE 100  
City: EUREKA  
Email: bstone@co.humboldt.ca.us  
Phone Number: Not reported

**Status History:**

Global Id: T0602300315  
Status: Completed - Case Closed  
Status Date: 06/07/2002

Global Id: T0602300315  
Status: Open - Case Begin Date  
Status Date: 08/24/1992

Global Id: T0602300315  
Status: Open - Site Assessment  
Status Date: 08/24/1992

**Regulatory Activities:**

Global Id: T0602300315  
Action Type: Other  
Date: 08/24/1992  
Action: Leak Discovery

Global Id: T0602300315  
Action Type: Other  
Date: 08/24/1992  
Action: Leak Stopped

Global Id: T0602300315  
Action Type: Other  
Date: 08/24/1992  
Action: Leak Reported

Global Id: T0602300315  
Action Type: ENFORCEMENT  
Date: 08/24/1992  
Action: \* Historical Enforcement

Global Id: T0602300315

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUNSET SCHOOL (Continued)**

**S101294717**

Action Type: ENFORCEMENT  
Date: 06/07/2002  
Action: Closure/No Further Action Letter

**LUST REG 1:**

Region: 1  
Facility ID: 1THU415  
Staff Initials: HUM

**J34**  
**East**  
**1/4-1/2**  
**0.471 mi.**  
**2488 ft.**

**CAL-KIRK LANDSCAPING**  
**2905 ST LOUIS RD**  
**ARCATA, CA 95521**

**HIST CORTESE**  
**LUST**  
**CUPA Listings**

**S101294733**  
**N/A**

**Site 1 of 3 in cluster J**

**Relative:**  
**Higher**

**HIST CORTESE:**  
Region: CORTESE  
Facility County Code: 12  
Reg By: LTNKA  
Reg Id: 1THU082

**Actual:**  
**38 ft.**

**LUST:**

Region: STATE  
Global Id: T0602300075  
Latitude: 40.884786  
Longitude: -124.081179  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 01/17/2001  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU082  
LOC Case Number: 12082  
File Location: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0602300075  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY LOP CLOSED SITE  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: Not reported

Global Id: T0602300075  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAL-KIRK LANDSCAPING (Continued)**

**S101294733**

City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

**Status History:**

Global Id: T0602300075  
Status: Completed - Case Closed  
Status Date: 01/17/2001

Global Id: T0602300075  
Status: Open - Case Begin Date  
Status Date: 01/23/1989

Global Id: T0602300075  
Status: Open - Site Assessment  
Status Date: 01/23/1989

Global Id: T0602300075  
Status: Open - Site Assessment  
Status Date: 05/19/1992

Global Id: T0602300075  
Status: Open - Site Assessment  
Status Date: 06/10/1992

**Regulatory Activities:**

Global Id: T0602300075  
Action Type: ENFORCEMENT  
Date: 01/17/2001  
Action: Closure/No Further Action Letter

Global Id: T0602300075  
Action Type: Other  
Date: 01/23/1989  
Action: Leak Discovery

Global Id: T0602300075  
Action Type: Other  
Date: 01/23/1989  
Action: Leak Stopped

Global Id: T0602300075  
Action Type: ENFORCEMENT  
Date: 01/16/2001  
Action: Closure/No Further Action Letter

Global Id: T0602300075  
Action Type: Other  
Date: 01/23/1989  
Action: Leak Reported

Global Id: T0602300075  
Action Type: ENFORCEMENT  
Date: 03/14/1989  
Action: \* Historical Enforcement



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAL-KIRK LANDSCAPING (Continued)**

**S101294733**

**LUST REG 1:**

Region: 1  
Facility ID: 1THU082  
Staff Initials: Closed

**CUPA HUMBOLDT:**

Local Site Id: FA0000491  
Facility Address 2: 2905 St Louis Rd  
Program Identifier: CUPA - SQG  
Program Element Code Desc: 4401 Hazardous Waste Generator (SQG)  
Permit Status: Active  
Latitude: 40.88390  
Longitude: -124.0826

Local Site Id: FA0000491  
Facility Address 2: 2905 St Louis Rd  
Program Identifier: CUPA - Hazardous Materials Facility Fee  
Program Element Code Desc: 4202 Hazardous Materials Facility Fee  
Permit Status: Active  
Latitude: 40.88390  
Longitude: -124.0826

Local Site Id: FA0000491  
Facility Address 2: 2905 St Louis Rd  
Program Identifier: CUPA - Response Team Support  
Program Element Code Desc: 5056 HazMat Emergency Response Team Support  
Permit Status: Active  
Latitude: 40.88390  
Longitude: -124.0826

Local Site Id: FA0000491  
Facility Address 2: 2905 St Louis Rd  
Program Identifier: CUPA - HMBP  
Program Element Code Desc: 4201 HMBP and/or Inventory  
Permit Status: Active  
Latitude: 40.88390  
Longitude: -124.0826

**J35**  
**East**  
**1/4-1/2**  
**0.471 mi.**  
**2488 ft.**

**MAD RIVER LUMBER**  
**2935 ST LOUIS RD**  
**ARCATA, CA 95521**  
**Site 2 of 3 in cluster J**

**HIST CORTESE** **S101294734**  
**LUST** **N/A**  
**CUPA Listings**

**Relative:**  
**Higher**

**HIST CORTESE:**  
Region: CORTESE  
Facility County Code: 12  
Reg By: LTNKA  
Reg Id: 1THU387

**Actual:**  
**38 ft.**

**LUST:**

Region: STATE  
Global Id: T0602300292  
Latitude: 40.8860053  
Longitude: -124.080992664  
Case Type: LUST Cleanup Site

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAD RIVER LUMBER (Continued)**

**S101294734**

Status: Open - Verification Monitoring  
Status Date: 02/24/2015  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU387  
LOC Case Number: 12387  
File Location: Local Agency  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0602300292  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY HD LOP LEAD  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: 7074456215

Global Id: T0602300292  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100  
City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

**Status History:**

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 07/17/2006

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 08/17/2009

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 08/19/2009

Global Id: T0602300292  
Status: Open - Verification Monitoring  
Status Date: 02/24/2015

Global Id: T0602300292  
Status: Open - Case Begin Date  
Status Date: 12/16/1991

Global Id: T0602300292  
Status: Open - Remediation  
Status Date: 04/01/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAD RIVER LUMBER (Continued)**

**S101294734**

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 12/23/1991

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 08/10/1992

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 12/30/1992

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 02/19/2003

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 06/20/2003

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 08/29/2003

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 12/18/2003

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 12/24/2003

Global Id: T0602300292  
Status: Open - Site Assessment  
Status Date: 01/02/2004

**Regulatory Activities:**

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 04/21/2014  
Action: Staff Letter

Global Id: T0602300292  
Action Type: RESPONSE  
Date: 12/12/2012  
Action: Remedial Investigation Workplan - Regulator Responded

Global Id: T0602300292  
Action Type: RESPONSE  
Date: 04/03/2014  
Action: Remedial Investigation Workplan - Regulator Responded

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 02/19/2003  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAD RIVER LUMBER (Continued)**

**S101294734**

Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	12/18/2003
Action:	Staff Letter
Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	06/20/2003
Action:	Staff Letter
Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	12/24/2003
Action:	Staff Letter
Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	01/02/2004
Action:	Staff Letter
Global Id:	T0602300292
Action Type:	Other
Date:	12/16/1991
Action:	Leak Discovery
Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	07/17/2006
Action:	Site Visit / Inspection / Sampling
Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	12/05/2006
Action:	Staff Letter
Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	07/28/2011
Action:	Staff Letter
Global Id:	T0602300292
Action Type:	ENFORCEMENT
Date:	04/07/2008
Action:	Staff Letter
Global Id:	T0602300292
Action Type:	Other
Date:	12/16/1991
Action:	Leak Stopped
Global Id:	T0602300292
Action Type:	Other
Date:	12/16/1991
Action:	Leak Reported
Global Id:	T0602300292
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAD RIVER LUMBER (Continued)**

**S101294734**

Date: 12/23/1991  
Action: \* Historical Enforcement

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 08/29/2003  
Action: Staff Letter

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 02/20/2013  
Action: Staff Letter

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 06/13/2012  
Action: Staff Letter

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 10/18/2012  
Action: Staff Letter

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 11/25/2008  
Action: Staff Letter

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 02/09/2009  
Action: Staff Letter

Global Id: T0602300292  
Action Type: ENFORCEMENT  
Date: 08/17/2009  
Action: Staff Letter

**LUST REG 1:**

Region: 1  
Facility ID: 1THU387  
Staff Initials: HUM

**CUPA HUMBOLDT:**

Local Site Id: FA0001960  
Facility Address 2: 2935 St Louis Rd  
Program Identifier: CUPA - SQG  
Program Element Code Desc: 4401 Hazardous Waste Generator (SQG)  
Permit Status: Active  
Latitude: 40.88546  
Longitude: -124.0807

Local Site Id: FA0001960  
Facility Address 2: 2935 St Louis Rd  
Program Identifier: CUPA - Hazardous Materials Facility Fee



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAD RIVER LUMBER (Continued)**

**S101294734**

Program Element Code Desc: 4202 Hazardous Materials Facility Fee  
Permit Status: Inactive  
Latitude: 40.88546  
Longitude: -124.0807  
  
Local Site Id: FA0001960  
Facility Address 2: 2935 St Louis Rd  
Program Identifier: CUPA - Response Team Support  
Program Element Code Desc: 5056 HazMat Emergency Response Team Support  
Permit Status: Inactive  
Latitude: 40.88546  
Longitude: -124.0807  
  
Local Site Id: FA0001960  
Facility Address 2: 2935 St Louis Rd  
Program Identifier: CUPA - HMBP  
Program Element Code Desc: 4201 HMBP and/or Inventory  
Permit Status: Active  
Latitude: 40.88546  
Longitude: -124.0807

36  
SSE  
1/4-1/2  
0.482 mi.  
2544 ft.

**CHISUM, SHIRLEY  
JANES & ELEVENTH STREET  
ARCATA, CA 95521**

**SLIC S105051246  
N/A**

**Relative:  
Lower**

SLIC:  
Region: STATE  
**Facility Status: Open - Site Assessment**  
Status Date: 01/23/2015  
Global Id: T0602393280  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 40.8740987590641  
Longitude: -124.100289214611  
Case Type: Cleanup Program Site  
Case Worker: RBD  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1NHU452  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Former creamery

**Actual:  
14 ft.**

[Click here to access the California GeoTracker records for this facility:](#)

**SLIC REG 1:**

Region: 1  
Facility ID: 1NHU452  
Staff Initials: LMB

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

J37  
East  
1/4-1/2  
0.484 mi.  
2555 ft.

**SAMOA LANDFILL SITE**  
**1/2 MI S OF LOUISIANA-PAC DR & NAVY RD**  
**SAMOA, CA**

**Site 3 of 3 in cluster J**

**SWF/LF**  
**Financial Assurance**

**S102360140**  
**N/A**

**Relative:** SWF/LF (SWIS):  
**Higher** Region: STATE  
Facility ID: 12-AA-0017  
**Actual:** Lat/Long: 40.80583 / -124.19833  
**43 ft.** Owner Name: Freshwater Tissue Co. LLC  
Owner Telephone: 7074457952  
Owner Address: James Lund  
Owner Address2: PO Box 248  
Owner City,St,Zip: Samoa, CA 95564  
Operational Status: Closed  
Operator: Freshwater Tissue Co. LLC  
Operator Phone: 7074457952  
Operator Address: James Lund  
Operator Address2: PO Box 248  
Operator City,St,Zip: Samoa, CA 95564  
Permit Date: 07/24/1978  
Permit Status: Permitted  
Permitted Acreage: 6  
Activity: Wood Waste Disposal Site  
Regulation Status: Permitted  
Landuse Name: Not reported  
GIS Source: Map  
Category: Disposal  
Unit Number: 01  
Inspection Frequency: Annual  
Accepted Waste: Not reported  
Closure Date: 12/31/1998  
Closure Type: Estimated  
Disposal Acreage: 0  
SWIS Num: 12-AA-0017  
Waste Discharge Requirement Num: III  
Program Type: Not reported  
Permitted Throughput with Units: 50  
Actual Throughput with Units: Cu Yards/day  
Permitted Capacity with Units: Not reported  
Remaining Capacity: Not reported  
Remaining Capacity with Units: Not reported  
Lat/Long: 40.80583 / -124.19833

CA Financial Assurance 2:

Region: 2  
SWIS\_NO: 12-AA-0017  
Closure Approved: Yes  
Closure Inf Coverage Date: Not reported  
Closure Plan Coverage: \$180,000.00  
Closure Plan Date: 06/09/1998  
PostClose Approved: Yes  
PostClose Adequacy Date: 06/09/1998  
PostClose Inf Coverage: \$0.00  
PostClose Inf Coverage Date: Not reported  
CorActCoverage: \$0.00  
CorActApproved: No  
CorAct Mec Adequacy Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAMOA LANDFILL SITE (Continued)**

**S102360140**

CorAct Inf Coverage:	\$0.00
CorActPlanCoverage:	\$0.00
CorAct Plan Date:	Not reported
Lia Coverage:	\$0.00
Lia Approved:	No
Review:	Not reported
Closure Mechanism A:	LETTER OF CREDIT
Closure Mechanism B:	Not reported
Closure Coverage:	\$3,816,868.87
Closure Adequacy:	Not reported
Closure Approved:	Yes
Closure Inflation Estimate:	\$0.00
Closure Inflation Date:	Not reported
Closure Plan Coverage:	\$180,000.00
Closure Plan Date:	06/09/1998
Post Closure Mechanism A:	FINANCIAL MEANS TEST
Post Closure Established A:	Not reported
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	\$236,885.87
Post Closure Adequacy:	Not reported
Post Closure Approved:	Yes
Post Close Inflation Estimate:	\$0.00
Post Closure Inflation Date:	Not reported
Post Closure Plan Date:	06/09/1998
Corrective Action Established A:	Not reported
Corrective Action Coverage:	\$0.00
Corrective Action Adequacy:	Not reported
Corrective Action Approved:	No
Corrective Action Inflation Estimate:	\$0.00
Corrective Action Inflationdate:	Not reported
Corrective Action Plan Estimate:	\$0.00
Corrective Action Plan Date:	Not reported
Liability Mechanism A:	Not reported
Liability Established A:	Not reported
Liability Mechanism B:	Not reported
Liability Coverage:	\$0.00
CostAnniversary:	Not reported
ClosureEstablishedA:	Not reported
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	Not reported
CorrectiveActionMechanismB:	Not reported
CorrectiveActionEstablishedB:	Not reported
CorrectiveActionDisbursement:	0
LiabilityEstablishedB:	Not reported
LiabilityAdequacy:	Not reported
Liability Approved:	No
Contact:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number

EPA ID Number

38  
SSE  
1/2-1  
0.732 mi.  
3864 ft.

**ARCATA COMMUNITY RECYCLING CENTER**  
**1380 NINTH STREET**  
**ARCATA, CA 95521**

**LUST**  
**SLIC**  
**Notify 65**

**U000069517**  
**N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**18 ft.**

Region: STATE  
Global Id: T0602300054  
Latitude: 40.8708769  
Longitude: -124.0914066  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/02/2010  
Lead Agency: HUMBOLDT COUNTY LOP  
Case Worker: MAV  
Local Agency: HUMBOLDT COUNTY LOP  
RB Case Number: 1THU060  
LOC Case Number: 12060  
File Location: Local Agency  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Diesel, Gasoline, \* Petroleum - Waste Oil  
Site History: Excavation has been concurred with (5/2010)

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0602300054  
Contact Type: Regional Board Caseworker  
Contact Name: HUMBOLDT COUNTY HD LOP LEAD  
Organization Name: NORTH COAST RWQCB (REGION 1)  
Address: 5550 SKYLANE BOULEVARD, SUITE A  
City: SANTA ROSA  
Email: Not reported  
Phone Number: 7074456215

Global Id: T0602300054  
Contact Type: Local Agency Caseworker  
Contact Name: Mark Verhey  
Organization Name: HUMBOLDT COUNTY LOP  
Address: 100 H Street, Suite 100  
City: Eureka  
Email: mark.verhey@co.humboldt.ca.us  
Phone Number: Not reported

**Status History:**

Global Id: T0602300054  
Status: Open - Site Assessment  
Status Date: 11/13/2006

Global Id: T0602300054  
Status: Open - Site Assessment  
Status Date: 09/16/2007

Global Id: T0602300054  
Status: Open - Site Assessment  
Status Date: 10/26/2007

Global Id: T0602300054

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA COMMUNITY RECYCLING CENTER (Continued)**

**U000069517**

Status:	Open - Site Assessment
Status Date:	05/19/2010
Global Id:	T0602300054
Status:	Completed - Case Closed
Status Date:	05/19/2010
Global Id:	T0602300054
Status:	Completed - Case Closed
Status Date:	08/02/2010
Global Id:	T0602300054
Status:	Open - Case Begin Date
Status Date:	02/07/1987
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	02/07/1987
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	10/04/1988
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	03/02/1995
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	03/06/1995
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	08/20/2002
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	10/24/2002
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	02/27/2003
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	03/04/2003
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	05/14/2003
Global Id:	T0602300054
Status:	Open - Site Assessment
Status Date:	10/28/2003
Global Id:	T0602300054
Status:	Open - Site Assessment



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA COMMUNITY RECYCLING CENTER (Continued)**

**U000069517**

Status Date: 12/10/2003

Global Id: T0602300054  
Status: Open - Site Assessment  
Status Date: 03/23/2004

Global Id: T0602300054  
Status: Open - Site Assessment  
Status Date: 04/23/2004

**Regulatory Activities:**

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 04/23/2004  
Action: File review

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 04/13/2010  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 06/24/2010  
Action: Notification - Public Participation Document

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 04/08/2005  
Action: Notice of Responsibility

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 08/02/2010  
Action: Closure/No Further Action Letter

Global Id: T0602300054  
Action Type: Other  
Date: 10/04/1988  
Action: Leak Discovery

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 10/26/2007  
Action: Technical Correspondence / Assistance / Other

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 06/24/2010  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 04/07/2008  
Action: Staff Letter

Global Id: T0602300054

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ARCATA COMMUNITY RECYCLING CENTER (Continued)

U000069517

Action Type: ENFORCEMENT  
Date: 06/24/2010  
Action: LOP Case Closure Summary to RB

Global Id: T0602300054  
Action Type: Other  
Date: 10/04/1988  
Action: Leak Stopped

Global Id: T0602300054  
Action Type: Other  
Date: 10/04/1988  
Action: Leak Reported

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 05/21/2008  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 01/04/2000  
Action: \* Historical Enforcement

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 04/20/2007  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 10/10/2008  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 03/23/2004  
Action: \* No Action

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 12/16/2008  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 03/03/2009  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 02/19/2009  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 07/10/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARCATA COMMUNITY RECYCLING CENTER (Continued)**

**U000069517**

Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 07/31/2009  
Action: Staff Letter

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 10/28/2003  
Action: Meeting

Global Id: T0602300054  
Action Type: ENFORCEMENT  
Date: 12/10/2003  
Action: Staff Letter

**SLIC:**

Region: STATE  
**Facility Status:** **Open - Assessment & Interim Remedial Action**  
Status Date: 12/23/2010  
Global Id: T10000002709  
Lead Agency: NORTH COAST RWQCB (REGION 1)  
Lead Agency Case Number: Not reported  
Latitude: 40.870528  
Longitude: -124.092514  
Case Type: Cleanup Program Site  
Case Worker: DWP  
Local Agency: Not reported  
RB Case Number: 1NHU060  
File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply, Soil  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**NOTIFY 65:**

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 93923

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Databases(s)
ARCATA	S104857214	S&H AUTO WRECKERS	ALLIANCE ROAD 3028		LUST
ARCATA	U001611403	ARCATA REMANUFACTURING	FOSTER ROAD	95521	HIST UST
ARCATA	S101627537	ARCATA REMANUFACTURING	FOSTER RD	95521	CA FID UST, SWEEPS UST

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

##### **NPL: National Priority List**

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

Date of Government Version: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

##### **NPL Site Boundaries**

###### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 3  
Telephone 215-814-5418

EPA Region 4  
Telephone 404-562-8033

EPA Region 5  
Telephone 312-886-6686

EPA Region 10  
Telephone 206-553-8665

EPA Region 6  
Telephone: 214-655-6659

EPA Region 7  
Telephone: 913-551-7247

EPA Region 8  
Telephone: 303-312-6774

EPA Region 9  
Telephone: 415-947-4246

##### **Proposed NPL: Proposed National Priority List Sites**

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

Date of Government Version: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

##### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ***Federal Delisted NPL site list***

#### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/16/2014	Source: EPA
Date Data Arrived at EDR: 01/08/2015	Telephone: N/A
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

### ***Federal CERCLIS list***

#### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/01/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

#### **FEDERAL FACILITY: Federal Facility Site Information listing**

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 04/08/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Varies

### ***Federal CERCLIS NFRAP site List***

#### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/01/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

### ***Federal RCRA CORRACTS facilities list***

#### **CORRACTS: Corrective Action Report**

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/09/2014  
Date Data Arrived at EDR: 12/29/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 31

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 03/31/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Quarterly

### ***Federal RCRA non-CORRACTS TSD facilities list***

#### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/09/2014  
Date Data Arrived at EDR: 12/29/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/31/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

#### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014  
Date Data Arrived at EDR: 12/29/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/31/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Quarterly

#### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/09/2014  
Date Data Arrived at EDR: 12/29/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/31/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Quarterly

#### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/09/2014  
Date Data Arrived at EDR: 12/29/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 03/31/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### *Federal institutional controls / engineering controls registries*

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/26/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 02/26/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: Varies

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/03/2014	Source: Department of the Navy
Date Data Arrived at EDR: 12/12/2014	Telephone: 843-820-7326
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 02/16/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Varies

### *Federal ERNS list*

#### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/29/2014	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/30/2014	Telephone: 202-267-2180
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 03/31/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Annually

### *State- and tribal - equivalent NPL*

#### RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 03/11/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/12/2015	Telephone: 916-323-3400
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 05/05/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Quarterly

### *State- and tribal - equivalent CERCLIS*



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 03/11/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/12/2015	Telephone: 916-323-3400
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 05/05/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Quarterly

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

#### SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 02/16/2015	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 02/17/2015	Telephone: 916-341-6320
Date Made Active in Reports: 03/03/2015	Last EDR Contact: 02/17/2015
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Quarterly

### **State and tribal leaking storage tank lists**

#### LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

#### LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

#### LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

### LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

### LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/13/2015  
Date Data Arrived at EDR: 03/18/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 6

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 03/18/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Quarterly

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

### LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004  
Date Data Arrived at EDR: 02/26/2004  
Date Made Active in Reports: 03/24/2004  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Varies

### LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

### SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 03/13/2015  
Date Data Arrived at EDR: 03/18/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 6

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/18/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Varies

### SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

### SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

### SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

### SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Semi-Annually

### SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

### SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: Annually

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015  
Date Data Arrived at EDR: 02/12/2015  
Date Made Active in Reports: 03/13/2015  
Number of Days to Update: 29

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Quarterly

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 01/28/2015  
Date Data Arrived at EDR: 01/30/2015  
Date Made Active in Reports: 03/13/2015  
Number of Days to Update: 42

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Quarterly

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/23/2014  
Date Data Arrived at EDR: 11/25/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 65

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 11/01/2013  
Number of Days to Update: 184

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 04/03/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 01/30/2015  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 32

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/23/2015  
Date Data Arrived at EDR: 02/10/2015  
Date Made Active in Reports: 03/13/2015  
Number of Days to Update: 31

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 01/26/2015  
Next Scheduled EDR Contact: 05/11/2015  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-8677
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2015	Telephone: 415-972-3372
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 01/08/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly

### *State and tribal registered storage tank lists*

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/13/2015	Source: SWRCB
Date Data Arrived at EDR: 03/18/2015	Telephone: 916-341-5851
Date Made Active in Reports: 03/26/2015	Last EDR Contact: 03/18/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 07/13/2015
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/13/2015
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 04/28/2015
Number of Days to Update: 271	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 09/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2015	Telephone: 404-562-9424
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 01/30/2015	Source: EPA Region 5
Date Data Arrived at EDR: 02/05/2015	Telephone: 312-886-6136
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/23/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/13/2015	Telephone: 214-665-7591
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Semi-Annually

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 01/29/2015	Source: EPA Region 8
Date Data Arrived at EDR: 01/30/2015	Telephone: 303-312-6137
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Quarterly

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/03/2015	Source: EPA Region 10
Date Data Arrived at EDR: 02/12/2015	Telephone: 206-553-2857
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 02/13/2015	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 01/26/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 05/11/2015
	Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing  
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/13/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Varies

### ***State and tribal voluntary cleanup sites***

INDIAN VCP R1: Voluntary Cleanup Priority Listing  
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 04/02/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing  
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties  
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 03/11/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/12/2015	Telephone: 916-323-3400
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 05/05/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Quarterly

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS: A Listing of Brownfields Sites  
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/22/2014	Telephone: 202-566-2777
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/24/2015
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/06/2015
	Data Release Frequency: Semi-Annually

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 04/23/2015
Number of Days to Update: 137	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: No Update Planned

### SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/16/2015	Source: Department of Conservation
Date Data Arrived at EDR: 03/18/2015	Telephone: 916-323-3836
Date Made Active in Reports: 03/26/2015	Last EDR Contact: 03/18/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Quarterly

### HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/04/2015	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 04/07/2015	Telephone: 916-341-6422
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 02/16/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Varies

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/01/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Varies

### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 05/06/2015
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### *Local Lists of Hazardous waste / Contaminated Sites*

#### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-307-1000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 03/03/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: Quarterly

#### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

#### SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 03/11/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/12/2015	Telephone: 916-323-3400
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 05/05/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Quarterly

#### TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

#### CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/10/2015	Telephone: 916-255-6504
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 04/13/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/10/2015	Telephone: 202-307-1000
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 03/03/2015
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: No Update Planned

### Local Lists of Registered Storage Tanks

#### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 02/26/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/15/2015
	Data Release Frequency: Annually

#### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### Local Land Records

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/11/2015  
Date Data Arrived at EDR: 03/13/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 11

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 03/09/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Varies

### DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/09/2015  
Date Data Arrived at EDR: 03/10/2015  
Date Made Active in Reports: 03/18/2015  
Number of Days to Update: 8

Source: DTSC and SWRCB  
Telephone: 916-323-3400  
Last EDR Contact: 03/10/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/29/2014  
Date Data Arrived at EDR: 12/30/2014  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 69

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 03/31/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Annually

#### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 01/21/2015  
Date Data Arrived at EDR: 01/28/2015  
Date Made Active in Reports: 02/26/2015  
Number of Days to Update: 29

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

#### LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 03/13/2015  
Date Data Arrived at EDR: 03/18/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 6

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/18/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/13/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/18/2015	Telephone: 866-480-1028
Date Made Active in Reports: 03/24/2015	Last EDR Contact: 03/18/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Quarterly

### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### Other Ascertainable Records

#### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/09/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/29/2014	Telephone: (415) 495-8895
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/31/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Varies

#### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/05/2015
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/17/2015
	Data Release Frequency: Varies

#### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/14/2015
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Semi-Annually

#### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/06/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 03/13/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 01/23/2015  
Date Data Arrived at EDR: 02/13/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 24

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 03/30/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Varies

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 03/10/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/27/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 12/30/2014  
Date Data Arrived at EDR: 12/31/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 03/06/2015  
Next Scheduled EDR Contact: 06/15/2015  
Data Release Frequency: Semi-Annually

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 01/29/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Annually

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 03/27/2015  
Next Scheduled EDR Contact: 07/06/2015  
Data Release Frequency: Every 4 Years

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Quarterly

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Quarterly

**HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing**

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

**HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing**

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

**SSTS: Section 7 Tracking Systems**

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 04/10/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015  
Date Data Arrived at EDR: 02/06/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 31

Source: Environmental Protection Agency  
Telephone: 202-564-5088  
Last EDR Contact: 04/09/2015  
Next Scheduled EDR Contact: 07/27/2015  
Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 10/15/2014  
Date Made Active in Reports: 11/17/2014  
Number of Days to Update: 33

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 04/17/2015  
Next Scheduled EDR Contact: 07/27/2015  
Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/29/2014  
Date Data Arrived at EDR: 01/08/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 21

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 03/09/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 02/27/2015  
Date Data Arrived at EDR: 02/27/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 04/09/2015  
Next Scheduled EDR Contact: 07/20/2015  
Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 01/18/2015  
Date Data Arrived at EDR: 02/27/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 26

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 03/09/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/13/2015	Telephone: 202-564-8600
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 02/24/2015
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Biennially

### CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014	Source: Department of Conservation
Date Data Arrived at EDR: 12/15/2014	Telephone: 916-445-2408
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 03/20/2015
Number of Days to Update: 45	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 03/12/2015  
Date Data Arrived at EDR: 03/13/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 11

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 03/13/2015  
Next Scheduled EDR Contact: 06/01/2015  
Data Release Frequency: Quarterly

### CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/10/2015  
Date Data Arrived at EDR: 03/31/2015  
Date Made Active in Reports: 04/10/2015  
Number of Days to Update: 10

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 03/31/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Quarterly

### HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 10/21/1993  
Date Data Arrived at EDR: 11/01/1993  
Date Made Active in Reports: 11/19/1993  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 03/23/2015  
Next Scheduled EDR Contact: 07/06/2015  
Data Release Frequency: No Update Planned

### DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 02/18/2015  
Date Data Arrived at EDR: 02/20/2015  
Date Made Active in Reports: 03/12/2015  
Number of Days to Update: 20

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 03/09/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Annually

### WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009  
Date Data Arrived at EDR: 07/21/2009  
Date Made Active in Reports: 08/03/2009  
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 03/30/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/26/2015	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/28/2015	Telephone: 916-445-9379
Date Made Active in Reports: 02/26/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

### HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/15/2014	Telephone: 916-255-1136
Date Made Active in Reports: 11/19/2014	Last EDR Contact: 04/17/2015
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Annually

### EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012	Source: California Air Resources Board
Date Data Arrived at EDR: 03/25/2014	Telephone: 916-322-2990
Date Made Active in Reports: 04/28/2014	Last EDR Contact: 03/27/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/06/2015
	Data Release Frequency: Varies

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/14/2015
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 02/18/2015
Number of Days to Update: 54	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 04/14/2015  
Next Scheduled EDR Contact: 07/27/2015  
Data Release Frequency: N/A

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014  
Date Data Arrived at EDR: 11/26/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 64

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 04/10/2015  
Next Scheduled EDR Contact: 07/20/2015  
Data Release Frequency: Varies

### WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Quarterly

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013  
Date Data Arrived at EDR: 10/17/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 3

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 02/13/2015  
Next Scheduled EDR Contact: 05/25/2015  
Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 05/07/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/13/2015  
Next Scheduled EDR Contact: 05/25/2015  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 05/01/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

### PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/16/2015  
Date Data Arrived at EDR: 03/18/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 6

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/18/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Quarterly

### Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 02/02/2015  
Date Data Arrived at EDR: 02/06/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 25

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

### Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/17/2015  
Date Data Arrived at EDR: 02/20/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 11

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 02/16/2015  
Next Scheduled EDR Contact: 06/01/2015  
Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015  
Date Data Arrived at EDR: 03/10/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 02/16/2015  
Next Scheduled EDR Contact: 06/01/2015  
Data Release Frequency: Quarterly

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 03/13/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/16/2015	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2015	Telephone: 916-558-1784
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 03/10/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/22/2015
	Data Release Frequency: Varies

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 03/30/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014	Source: EPA
Date Data Arrived at EDR: 10/31/2014	Telephone: 202-564-2496
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 03/30/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Annually

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/15/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Varies

### HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/13/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/15/2015	Telephone: 916-440-7145
Date Made Active in Reports: 04/23/2015	Last EDR Contact: 04/15/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/27/2015
	Data Release Frequency: Quarterly

### HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/23/2015	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 02/24/2015	Telephone: 916-323-3400
Date Made Active in Reports: 03/03/2015	Last EDR Contact: 02/24/2015
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/08/2015
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### RGALUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### COUNTY RECORDS

#### ALAMEDA COUNTY:

##### Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015  
Date Data Arrived at EDR: 01/28/2015  
Date Made Active in Reports: 02/26/2015  
Number of Days to Update: 29

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 03/30/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Semi-Annually

##### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015  
Date Data Arrived at EDR: 01/28/2015  
Date Made Active in Reports: 02/26/2015  
Number of Days to Update: 29

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 03/30/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Semi-Annually

#### AMADOR COUNTY:

##### CUPA Facility List

Cupa Facility List

Date of Government Version: 03/09/2015  
Date Data Arrived at EDR: 03/24/2015  
Date Made Active in Reports: 03/31/2015  
Number of Days to Update: 7

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 03/23/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Varies

#### BUTTE COUNTY:

##### CUPA Facility Listing

Cupa facility list.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/20/2014  
Date Data Arrived at EDR: 11/24/2014  
Date Made Active in Reports: 01/07/2015  
Number of Days to Update: 44

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 04/14/2015  
Next Scheduled EDR Contact: 04/27/2015  
Data Release Frequency: No Update Planned

### CALVERAS COUNTY:

#### CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 04/17/2015  
Date Data Arrived at EDR: 04/21/2015  
Date Made Active in Reports: 05/07/2015  
Number of Days to Update: 16

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 03/30/2015  
Next Scheduled EDR Contact: 07/13/2015  
Data Release Frequency: Quarterly

### COLUSA COUNTY:

#### CUPA Facility List Cupa facility list.

Date of Government Version: 06/11/2014  
Date Data Arrived at EDR: 06/13/2014  
Date Made Active in Reports: 07/07/2014  
Number of Days to Update: 24

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 05/07/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Varies

### CONTRA COSTA COUNTY:

#### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/23/2015  
Date Data Arrived at EDR: 02/25/2015  
Date Made Active in Reports: 03/04/2015  
Number of Days to Update: 7

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 05/04/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Semi-Annually

### DEL NORTE COUNTY:

#### CUPA Facility List Cupa Facility list

Date of Government Version: 02/23/2015  
Date Data Arrived at EDR: 02/25/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 6

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 05/04/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Varies

### EL DORADO COUNTY:

#### CUPA Facility List CUPA facility list.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/24/2015  
Date Data Arrived at EDR: 02/25/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 6

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 05/04/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Varies

### FRESNO COUNTY:

#### CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2015  
Date Data Arrived at EDR: 04/15/2015  
Date Made Active in Reports: 04/23/2015  
Number of Days to Update: 8

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 04/06/2015  
Next Scheduled EDR Contact: 07/20/2015  
Data Release Frequency: Semi-Annually

### HUMBOLDT COUNTY:

#### CUPA Facility List

CUPA facility list.

Date of Government Version: 03/11/2015  
Date Data Arrived at EDR: 03/13/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 11

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### IMPERIAL COUNTY:

#### CUPA Facility List

Cupa facility list.

Date of Government Version: 02/10/2015  
Date Data Arrived at EDR: 02/12/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 19

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

### INYO COUNTY:

#### CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 33

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### KERN COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014  
Date Data Arrived at EDR: 11/12/2014  
Date Made Active in Reports: 12/19/2014  
Number of Days to Update: 37

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 05/07/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

### KINGS COUNTY:

#### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 03/26/2015  
Date Data Arrived at EDR: 04/16/2015  
Date Made Active in Reports: 04/23/2015  
Number of Days to Update: 7

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 04/10/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### LAKE COUNTY:

#### CUPA Facility List

Cupa facility list

Date of Government Version: 01/20/2015  
Date Data Arrived at EDR: 01/21/2015  
Date Made Active in Reports: 02/05/2015  
Number of Days to Update: 15

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 04/16/2015  
Next Scheduled EDR Contact: 08/03/2015  
Data Release Frequency: Varies

### LOS ANGELES COUNTY:

#### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 03/23/2015  
Next Scheduled EDR Contact: 07/06/2015  
Data Release Frequency: No Update Planned

#### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014  
Date Data Arrived at EDR: 01/30/2015  
Date Made Active in Reports: 03/04/2015  
Number of Days to Update: 33

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 04/13/2015  
Next Scheduled EDR Contact: 07/27/2015  
Data Release Frequency: Semi-Annually

#### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2015  
Date Data Arrived at EDR: 04/20/2015  
Date Made Active in Reports: 05/07/2015  
Number of Days to Update: 17

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 04/20/2015  
Next Scheduled EDR Contact: 08/03/2015  
Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 04/15/2015  
Next Scheduled EDR Contact: 08/03/2015  
Data Release Frequency: Varies

### Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015  
Date Data Arrived at EDR: 01/29/2015  
Date Made Active in Reports: 03/10/2015  
Number of Days to Update: 40

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 04/16/2015  
Next Scheduled EDR Contact: 08/03/2015  
Data Release Frequency: Annually

### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015  
Date Data Arrived at EDR: 04/02/2015  
Date Made Active in Reports: 04/13/2015  
Number of Days to Update: 11

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 03/06/2015  
Next Scheduled EDR Contact: 08/03/2015  
Data Release Frequency: Semi-Annually

### City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 01/29/2015  
Date Data Arrived at EDR: 02/13/2015  
Date Made Active in Reports: 02/26/2015  
Number of Days to Update: 13

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Annually

### City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/14/2015  
Date Data Arrived at EDR: 04/23/2015  
Date Made Active in Reports: 05/11/2015  
Number of Days to Update: 18

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 04/13/2015  
Next Scheduled EDR Contact: 07/27/2015  
Data Release Frequency: Semi-Annually

### MADERA COUNTY:

#### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2015  
Date Data Arrived at EDR: 03/24/2015  
Date Made Active in Reports: 03/31/2015  
Number of Days to Update: 7

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 03/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### MARIN COUNTY:

Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014  
Date Data Arrived at EDR: 10/22/2014  
Date Made Active in Reports: 12/15/2014  
Number of Days to Update: 54

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 05/05/2015  
Next Scheduled EDR Contact: 07/20/2015  
Data Release Frequency: Semi-Annually

### MERCED COUNTY:

CUPA Facility List  
CUPA facility list.

Date of Government Version: 02/23/2015  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 7

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### MONO COUNTY:

CUPA Facility List  
CUPA Facility List

Date of Government Version: 02/27/2015  
Date Data Arrived at EDR: 03/06/2015  
Date Made Active in Reports: 03/10/2015  
Number of Days to Update: 4

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 02/26/2015  
Next Scheduled EDR Contact: 06/15/2015  
Data Release Frequency: Varies

### MONTEREY COUNTY:

CUPA Facility Listing  
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/19/2015  
Date Data Arrived at EDR: 03/20/2015  
Date Made Active in Reports: 03/31/2015  
Number of Days to Update: 11

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### NAPA COUNTY:

Sites With Reported Contamination  
A listing of leaking underground storage tank sites located in Napa county.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/06/2011  
Date Made Active in Reports: 02/07/2012  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 02/26/2015  
Next Scheduled EDR Contact: 06/15/2015  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 02/26/2015  
Next Scheduled EDR Contact: 06/15/2015  
Data Release Frequency: No Update Planned

### NEVADA COUNTY:

#### CUPA Facility List

CUPA facility list.

Date of Government Version: 02/12/2015  
Date Data Arrived at EDR: 02/13/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 18

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 05/04/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Varies

### ORANGE COUNTY:

#### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2015  
Date Data Arrived at EDR: 02/13/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 18

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/06/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Annually

#### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/03/2015  
Date Data Arrived at EDR: 02/13/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 18

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/06/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

#### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/01/2015  
Date Data Arrived at EDR: 02/13/2015  
Date Made Active in Reports: 02/26/2015  
Number of Days to Update: 13

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/12/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

### PLACER COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 03/12/2015	Telephone: 530-745-2363
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 03/09/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/22/2015
	Data Release Frequency: Semi-Annually

### RIVERSIDE COUNTY:

#### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/28/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 01/29/2015	Telephone: 951-358-5055
Date Made Active in Reports: 03/03/2015	Last EDR Contact: 03/23/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/06/2015
	Data Release Frequency: Quarterly

#### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/28/2015	Source: Department of Environmental Health
Date Data Arrived at EDR: 01/29/2015	Telephone: 951-358-5055
Date Made Active in Reports: 02/26/2015	Last EDR Contact: 03/23/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 07/06/2015
	Data Release Frequency: Quarterly

### SACRAMENTO COUNTY:

#### Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2015	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 04/08/2015	Telephone: 916-875-8406
Date Made Active in Reports: 04/16/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

#### Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2015	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 04/08/2015	Telephone: 916-875-8406
Date Made Active in Reports: 04/16/2015	Last EDR Contact: 04/08/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Quarterly

### SAN BERNARDINO COUNTY:

#### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/02/2015  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/10/2015  
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 05/12/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

### SAN DIEGO COUNTY:

#### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013  
Date Data Arrived at EDR: 09/24/2013  
Date Made Active in Reports: 10/17/2013  
Number of Days to Update: 23

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 03/10/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: Quarterly

#### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014  
Date Data Arrived at EDR: 11/21/2014  
Date Made Active in Reports: 12/29/2014  
Number of Days to Update: 38

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 04/27/2015  
Next Scheduled EDR Contact: 08/10/2015  
Data Release Frequency: Varies

#### Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 03/09/2015  
Next Scheduled EDR Contact: 06/22/2015  
Data Release Frequency: No Update Planned

### SAN FRANCISCO COUNTY:

#### Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 05/06/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

#### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010  
Date Data Arrived at EDR: 03/10/2011  
Date Made Active in Reports: 03/15/2011  
Number of Days to Update: 5

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 05/06/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Quarterly

### SAN JOAQUIN COUNTY:



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/24/2015  
Date Data Arrived at EDR: 03/25/2015  
Date Made Active in Reports: 03/31/2015  
Number of Days to Update: 6

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 03/23/2015  
Next Scheduled EDR Contact: 07/06/2015  
Data Release Frequency: Semi-Annually

### SAN LUIS OBISPO COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 02/23/2015  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 7

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### SAN MATEO COUNTY:

#### Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/13/2015  
Date Data Arrived at EDR: 04/15/2015  
Date Made Active in Reports: 04/23/2015  
Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/16/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Annually

#### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/16/2015  
Date Data Arrived at EDR: 03/17/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 7

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/13/2015  
Next Scheduled EDR Contact: 06/29/2015  
Data Release Frequency: Semi-Annually

### SANTA BARBARA COUNTY:

#### CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### SANTA CLARA COUNTY:

#### Cupa Facility List

Cupa facility list



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2015  
Date Data Arrived at EDR: 02/25/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 6

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 02/26/2015  
Next Scheduled EDR Contact: 06/15/2015  
Data Release Frequency: Annually

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 02/23/2015  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 03/04/2015  
Number of Days to Update: 8

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 05/07/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Annually

### SANTA CRUZ COUNTY:

#### CUPA Facility List

CUPA facility listing.

Date of Government Version: 11/24/2014  
Date Data Arrived at EDR: 11/25/2014  
Date Made Active in Reports: 12/31/2014  
Number of Days to Update: 36

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### SHASTA COUNTY:

#### CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/11/2015  
Date Data Arrived at EDR: 03/13/2015  
Date Made Active in Reports: 03/24/2015  
Number of Days to Update: 11

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Varies

### SOLANO COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 03/19/2015	Telephone: 707-784-6770
Date Made Active in Reports: 03/24/2015	Last EDR Contact: 03/13/2015
Number of Days to Update: 5	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015	Source: Solano County Department of Environmental Management
Date Data Arrived at EDR: 03/20/2015	Telephone: 707-784-6770
Date Made Active in Reports: 03/31/2015	Last EDR Contact: 03/13/2015
Number of Days to Update: 11	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Quarterly

### SONOMA COUNTY:

#### Cupa Facility List

Cupa Facility list

Date of Government Version: 03/31/2015	Source: County of Sonoma Fire & Emergency Services Department
Date Data Arrived at EDR: 04/02/2015	Telephone: 707-565-1174
Date Made Active in Reports: 04/10/2015	Last EDR Contact: 03/30/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Varies

### Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2015	Source: Department of Health Services
Date Data Arrived at EDR: 04/02/2015	Telephone: 707-565-6565
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 03/30/2015
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/13/2015
	Data Release Frequency: Quarterly

### SUTTER COUNTY:

#### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 03/10/2015	Telephone: 530-822-7500
Date Made Active in Reports: 03/18/2015	Last EDR Contact: 03/09/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/22/2015
	Data Release Frequency: Semi-Annually

### TUOLUMNE COUNTY:

#### CUPA Facility List

Cupa facility list

Date of Government Version: 01/30/2015	Source: Division of Environmental Health
Date Data Arrived at EDR: 02/03/2015	Telephone: 209-533-5633
Date Made Active in Reports: 02/27/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 24	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Varies

### VENTURA COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 01/27/2015	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 02/19/2015	Telephone: 805-654-2813
Date Made Active in Reports: 03/03/2015	Last EDR Contact: 02/16/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 04/02/2015
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/20/2015
	Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 02/16/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 06/01/2015
	Data Release Frequency: Quarterly

### Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/29/2014	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 01/30/2015	Telephone: 805-654-2813
Date Made Active in Reports: 03/03/2015	Last EDR Contact: 04/27/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 08/10/2015
	Data Release Frequency: Quarterly

### Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2015	Source: Environmental Health Division
Date Data Arrived at EDR: 03/18/2015	Telephone: 805-654-2813
Date Made Active in Reports: 03/26/2015	Last EDR Contact: 03/18/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 06/29/2015
	Data Release Frequency: Quarterly

### YOLO COUNTY:

#### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2015	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/01/2015	Telephone: 530-666-8646
Date Made Active in Reports: 04/13/2015	Last EDR Contact: 03/23/2015
Number of Days to Update: 12	Next Scheduled EDR Contact: 07/06/2015
	Data Release Frequency: Annually

### YUBA COUNTY:



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 02/17/2015  
Date Data Arrived at EDR: 02/19/2015  
Date Made Active in Reports: 03/03/2015  
Number of Days to Update: 12

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 05/04/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/17/2014  
Next Scheduled EDR Contact: 03/02/2015  
Data Release Frequency: No Update Planned

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 04/14/2015  
Next Scheduled EDR Contact: 07/27/2015  
Data Release Frequency: Annually

#### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2015  
Date Data Arrived at EDR: 02/04/2015  
Date Made Active in Reports: 02/27/2015  
Number of Days to Update: 23

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 05/06/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Annually

#### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/21/2014  
Date Made Active in Reports: 08/25/2014  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 04/16/2015  
Next Scheduled EDR Contact: 08/03/2015  
Data Release Frequency: Annually

#### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/15/2014  
Date Made Active in Reports: 08/13/2014  
Number of Days to Update: 29

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/23/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014

Date Data Arrived at EDR: 03/19/2015

Date Made Active in Reports: 04/07/2015

Number of Days to Update: 19

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/13/2015

Next Scheduled EDR Contact: 06/29/2015

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

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

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### STREET AND ADDRESS INFORMATION

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## **GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

ARCATA PROPERTIES  
3318 FOSTER AVENUE, 2725 SIMPSON MILL ROAD, 4044 L  
ARCATA, CA 95521

### **TARGET PROPERTY COORDINATES**

Latitude (North):	40.8893 - 40° 53' 21.48"
Longitude (West):	124.1069 - 124° 6' 24.84"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	406749.1
UTM Y (Meters):	4526846.5
Elevation:	24 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	40124-H1 ARCATA NORTH, CA
Most Recent Revision:	1972
South Map:	40124-G1 ARCATA SOUTH, CA
Most Recent Revision:	1972
West Map:	40124-H2 TYEE CITY, CA
Most Recent Revision:	1972

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

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

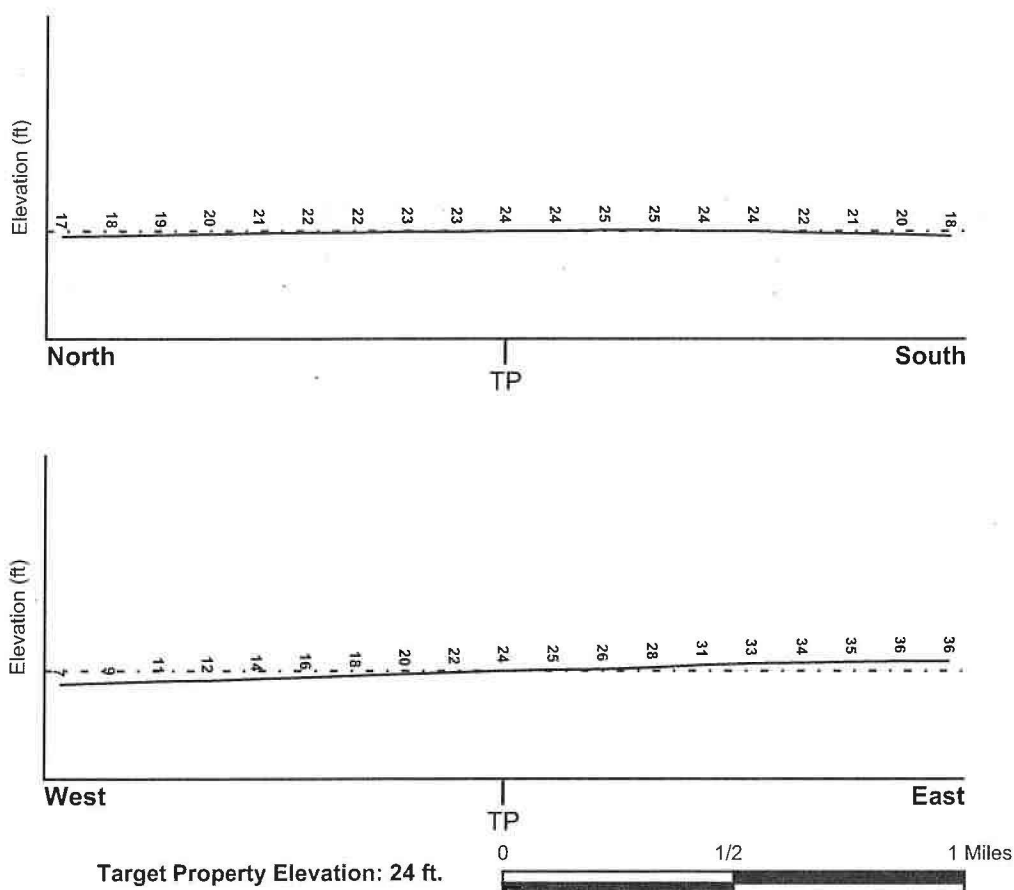
### TOPOGRAPHIC INFORMATION

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

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

### 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  
HUMBOLDT, CA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0600600615C - FEMA Q3 Flood data

Additional Panels in search area: 0600610002D - FEMA Q3 Flood data  
0600600780B - FEMA Q3 Flood data

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
ARCATA NORTH

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

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

#### *Site-Specific Hydrogeological Data\*:*

Search Radius: 1.25 miles  
Status: Not found

### AQUIFLOW®

Search Radius: 1,000 Mile.

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

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

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

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

Soil Component Name: FERNDALE

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	21 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.80 Min: 6.60
2	21 inches	61 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.40
3	61 inches	80 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 8.40 Min: 7.40

### 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: silty clay loam  
very gravelly - sand  
loam  
sand  
sandy loam

Surficial Soil Types: silty clay loam  
very gravelly - sand  
loam  
sand  
sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sandy clay loam  
stratified  
silty clay loam  
sand  
silt loam  
coarse sand

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### **WELL SEARCH DISTANCE INFORMATION**

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000194710	1/4 - 1/2 Mile SSW
B4	USGS40000194707	1/2 - 1 Mile South
C5	USGS40000194715	1/2 - 1 Mile NW
C6	USGS40000194714	1/2 - 1 Mile NW

### **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

### **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CADW50000034486	1/4 - 1/2 Mile SSW
B3	6488	1/2 - 1 Mile South

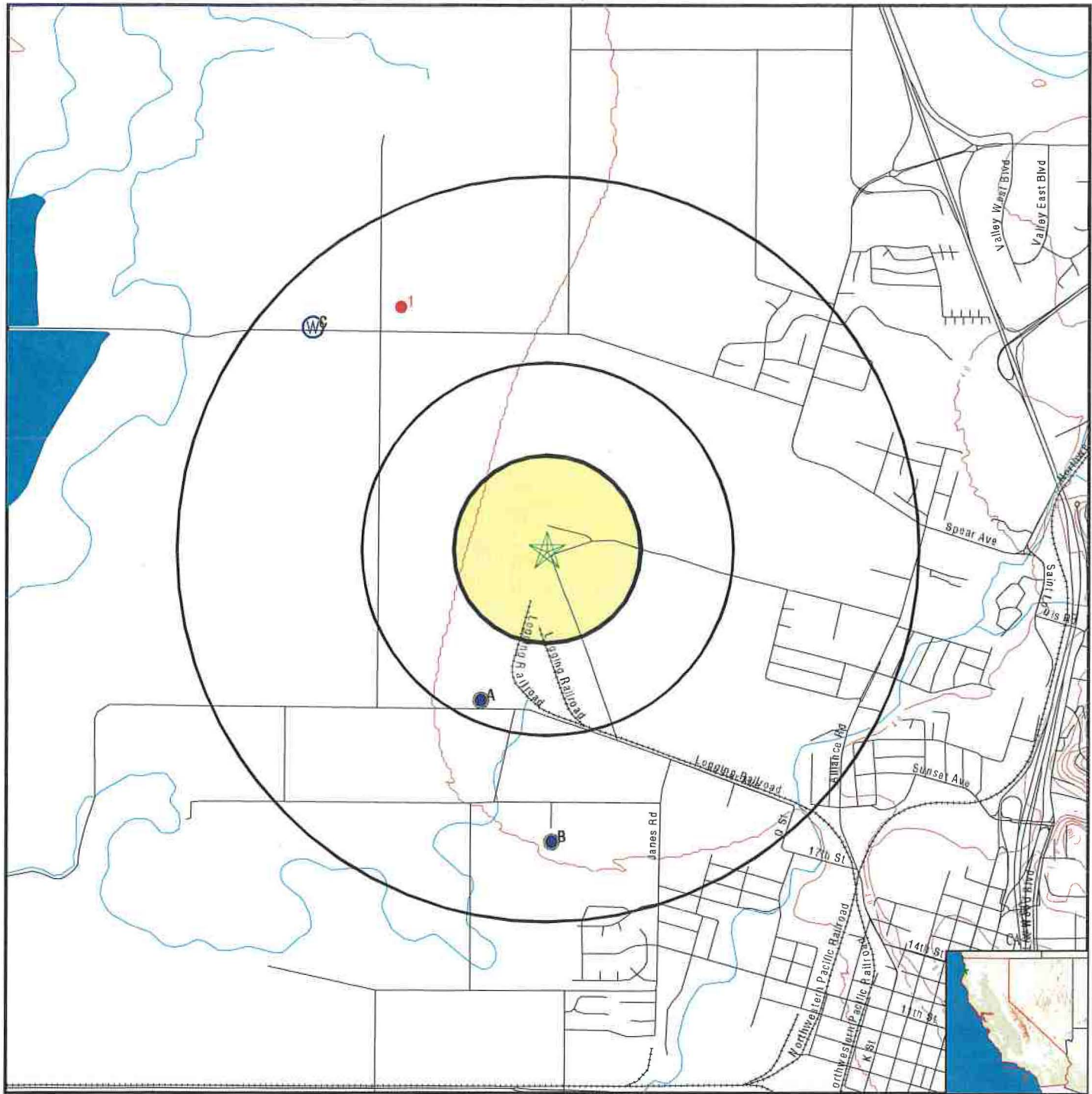
### **OTHER STATE DATABASE INFORMATION**

### **STATE OIL/GAS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG9A000217582	1/2 - 1 Mile NNW



# PHYSICAL SETTING SOURCE MAP - 4293018.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: Arcata Properties  
 ADDRESS: 3318 Foster Avenue, 2725 Simpson Mill Road, 4044 L  
 Arcata CA 95521  
 LAT/LONG: 40.8893 / 124.1069

CLIENT: Partner Engineering and Science, Inc.  
 CONTACT: Brett Nielsen  
 INQUIRY #: 4293018.2s  
 DATE: May 13, 2015 3:48 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A1**

**SSW**

**1/4 - 1/2 Mile**

**Higher**

**FED USGS**

**USGS40000194710**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-405302124063201		
Monloc name:	006N001E19Q001H		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.883738
Longitude:	-124.110063	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	19.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Quaternary Alluvium		
Aquifer type:	Not Reported		
Construction date:	19500101	Welldepth:	108
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 38

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-03-30	5.9		1982-10-19	14.2	
1982-03-31	7.1		1981-10-15	14.8	
1981-03-25	10.0		1980-09-24	15.5	
1980-04-10	10.0		1979-11-06	18.5	
1979-04-10	11.0		1978-11-09	14.8	
1978-04-05	9.6		1977-11-02	15.1	
1977-09-19	0.00				
Note: The site was being pumped.					
1977-07-27	0.00				
Note: The site was being pumped.					
1977-04-06	13.2		1976-10-26	14.8	
1976-04-07	10.7		1975-10-14	14.5	
1975-04-29	10.5		1958-10-14	12.0	
1958-04-15	5.7		1957-10-24	13.9	
1957-04-17	9.6		1956-10-18	17.9	
1956-08-21	16.9		1956-04-25	9.9	
1955-08-26	12.8		1955-05-27	8.4	
1954-08-20	14.36		1954-05-18	9.02	
1953-08-28	10.03		1953-04-27	7.90	
1952-11-11	11.61		1952-09-29	12.32	
1952-09-06	11.56		1952-08-05	10.40	
1952-05-10	8.89		1951-06-07	9.33	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A2**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS CADW50000034486**

Latitude :	40.8831		
Longitude :	124.1105		
Site code:	408831N1241105W001	Casgem sta:	06N01E19Q001H
Local well:	06N01E19Q001H	Casgem s 1:	Residential
County id:	12		
Basin cd:	1-8.01	Basin desc:	Mad River Valley Lowland
Org unit n:	Northern Region Office	Site id:	CADW50000034486

**B3**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS 6488**

**Water System Information:**

Prime Station Code:	06N/01E-30G02 H	User ID:	ATT
FRDS Number:	1200692001	County:	Humboldt
District Number:	01	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	405241.0 1240619.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	1200692		
System Name:	Marilann Court WS		
Organization That Operates System:	710 E ST 150		
	EUREKA, C9 5501		
Pop Served:	24	Connections:	8
Area Served:	Not Reported		

**B4**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000194707**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-405241124062001		
Monloc name:	006N001E30G002H		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8779049
Longitude:	-124.1067295	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	16.00
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refs:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C5**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000194715**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-405353124070301		
Monloc name:	006N001E18M002H		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8979044
Longitude:	-124.1186749	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	005
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C6**  
**NW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000194714**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-405352124070901		
Monloc name:	006N001E18N001H		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18010102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8979444
Longitude:	-124.1193056	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	10
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from digital elevation model (DEM)		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Well depth:	200
Construction date:	Not Reported	Well hole depth:	Not Reported
Well depth units:	ft		
Well hole depth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

1  
NNW

1/2 - 1 Mile

OIL\_GAS

CAOG9A000217582

Districtnu:	6	Apinumber:	02320028
Bimwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Juniper Petroleum Corp.	Fieldname:	Any Field
Countyname:	Humboldt		
Areaname:	Any Area		
Section:	18		
Township:	06N	Range:	01E
Basemeridi:	H	Elevation:	22
Locationde:	Not Reported		
Glat:	40.898719		
Glong:	-124.114465		
Gissourcec:	hud		
Comments:	Status Code 006		
Leasename:	Ferreira	Wellnumber:	24X-18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	30-DEC-99
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	/ /	Completion:	/ /
Gissymbol:	PDH	Site id:	CAOG9A000217582

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95521	16	0

Federal EPA Radon Zone for HUMBOLDT County: 3

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 Zip Code: 95521

Number of sites tested: 8

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.288 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### 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.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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## APPENDIX D: QUALIFICATIONS

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**PARTNER**

David Gerhardstein  
Staff Professional II



***Education***

Wright State University, Dayton, Ohio  
Bachelor of Science in Environmental Science, June 2007

***Registrations***

OSHA 40-hour HAZWOPER

***Summary of Professional Experience***

Mr. Gerhardstein has six years of experience in the environmental service industry. He has significant experience in due diligence assessments for a variety of property types and the needs and requirements of varied number of reporting standards including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Mr. Gerhardstein has performed Phase I environmental site assessments, Phase II subsurface investigations, remediation design and oversight, regulatory compliance assessments, soil, water and air sampling and analysis, vapor intrusion assessments and mitigation, and design, operation and maintenance of remediation systems.

***Relevant Project Experience***

Mr. Gerhardstein provided services for transfer of 14 commercial and industrial facilities in the states of Kansas, Missouri, Nebraska, South Dakota, and Tennessee. He conducted site visits, interviewed key-personnel and prepared final reports. Additionally, he performed Phase II investigations at nine of the properties. He coordinated subcontractors and laboratory services, conducted subsurface analysis and sampling, and managed disposal of investigation derived waste.

Mr. Gerhardstein managed tasks for two Superfund vapor intrusion sites in the states of Ohio and California. Duties included coordinating between regulators, clients and interested parties. He was responsible for inspecting numerous residential and commercial properties to assess potential vapor intrusion pathways. He managed the associated air sampling programs, worked on design of mitigation measures, oversaw installation of mitigation systems and implemented monitoring plans to ensure efficacy.

Mr. Gerhardstein managed a groundwater and residential drinking water sampling program related to a TCE plume at an active automotive parts manufacturing facility. Responsibilities included evaluating performance of a pump-and-treat system installed to prevent further offsite contaminant migration and assistance in design and implementation of multiple system upgrades. He was responsible for monitoring system performance to ensure compliance with an NPDES permit for effluent discharge to surface water. He further performed groundwater, surface water and drinking water sampling activities, completed associated reports and managed hazardous investigation derived waste.

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Mr. Gerhardstein oversaw installation of a methane monitoring and mitigation system at a new retail development constructed atop a former landfill. Duties included ensuring that system construction details matched design criteria, troubleshooting and optimizing system performance, and conducting regular monitoring to ensure proper functionality. He prepared reports related to system construction and operation and worked with local regulators to design an ongoing methane monitoring program at the property.

Additionally, Mr. Gerhardstein has experience in the following areas:

- Pilot testing, design, optimization, operation and maintenance of groundwater and soil gas remediation systems
- Use of a wide range of environmental field equipment including multiple soil and groundwater sampling methods, PIDs, nuclear density gauges, soil gas and landfill monitoring equipment, and air sampling and monitoring equipment
- Subsurface investigation techniques including direct push, hollow-stem auger and sonic drilling
- Vapor intrusion assessment, sampling and mitigation solutions
- Preparation of health and safety plans and use and maintenance of a variety of personal protective equipment

Finally, Mr. Gerhardstein's diversity across residential, industrial, and commercial environments is a major contribution to Partner Engineering and Science's team in the West region of the United States.

Steve G. Kovach  
Project Manager



***Education***

B.A. - Botany, Miami University (Ohio)  
Minor - Conservation and the Environment

***Summary of Professional Experience***

Mr. Kovach has over thirteen years of experience in a broad range of environmental and engineering disciplines including: engineering and environmental due diligence services, industrial air, water, and wastewater permit compliance and monitoring, hazardous waste management and disposal, electrical utilities projects, environmental engineering projects, and wetland ecology research. Mr. Kovach has worked closely with regulatory agencies including the United States Environmental Protection Agency, California Department of Toxic Substance Control, California State Water Resources Control Board, California Integrated Waste Management Board, Bay Area Air Quality Management District, East Bay Municipal Utilities District, and the United States Department of Energy.

Specifically, Mr. Kovach has performed Phase I Environmental Site Assessments, Environmental Transaction Screens, Property Condition Assessments (PCAs), Regulatory Compliance Assessments, Asbestos sampling, Lead-based Paint sampling, Radon Studies, Lead-in-water sampling, permit compliance, hazardous waste storage and handling, air quality monitoring, and environmental emergency responses.

Finally, Mr. Kovach's diversity of experience with residential, industrial, municipal, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the San Francisco Bay Area and throughout the United States.

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Jay Grenfell  
National Client Manager



***Education***

B.A. in Environmental Science, University of California at Berkeley

***Registrations***

Registered Environmental Assessor, California, #07798 (program canceled in July 2012)  
LEED Accredited Professional, United States Green Building Council

***Summary of Professional Experience***

Mr. Grenfell has over 14 years experience in the environmental consulting industry and has worked in various disciplines, including regulatory compliance, EH&S, asbestos abatement, air monitoring, Tier II reporting, Phase II ESAs, and environmental due diligence practices, including Phase I ESAs and PCAs. Mr. Grenfell's primary area of expertise is in the environmental due diligence field, where he has performed hundreds of Phase I ESAs and has managed thousands of due diligence projects.

Mr. Grenfell has conducted and managed Phase I ESAs on industrial, office, multi-family, government, retail, and hospitality properties. Most notably, Mr. Grenfell has managed multiple large multi-site due diligence portfolios for varied and demanding clients, including a 300-site portfolio of Class A high-rise office buildings. He has developed scopes of work, mentored field personnel, identified environmental risks, and regularly provides detailed reports within strict deadlines.

Mr. Grenfell is familiar with all aspects of due diligence property assessments and reporting standards, including Fannie Mae DUS, Freddie Mac, HUD, and is especially knowledgeable on EPA's All Appropriate Inquiry and ASTM E1527-05. In addition, he has worked with diverse client groups with unique client-specific scopes of work and reporting requirements.

A sample of Mr. Grenfell's project experience includes:

- Completed hundreds of Phase I ESAs on multi-family properties, commercial office buildings, shopping centers, gasoline stations, hotels, dry cleaners, auto repair shops, and industrial facilities, including a former blueprint and film manufacturing facility. Areas of concern included former chemical storage/transfer areas, areas of drainage/deteriorated piping, historical groundwater dispersion wells, and former underground storage tanks systems.
  - Managed numerous multi-site portfolios, including a 300-site portfolio of Class A high-rise office buildings, at the time valued as the largest real estate transaction in history.
  - Reviewed and evaluated hundreds of third-party Phase I, Phase II and Phase III reports
  - Conducted eight Phase II Site Assessments at gasoline stations over a four-day period, coordinating and supervising the advancement of soil borings and collected soil and groundwater samples. Documented results in concise, well-written reports.
-



- Managed a compliance evaluation team at an 8,000 employee, 24-hour aircraft maintenance center, evaluating environmental regulatory compliance. Provided solutions and established protocols for ensuring compliance.
- Conducted 3rd-party reviews of over 150 gasoline stations, documenting previous report findings and providing a matrix listing issues and updated risk-based recommendations.

Currently, Mr. Grenfell provides management and senior review expertise of Phase I ESAs, transaction screens, and other product types, and is extensively involved in project management and client communications, maintaining an emphasis on providing exemplary client service. Mr. Grenfell is responsible for ensuring consistency and quality of due diligence services and ensuring that client-specific requirements are met, as well as the requirements of ASTM and AAI standards. Mr. Grenfell displays excellent written and verbal communication skills, effectively communicating environmental risks in a succinct fashion by distilling assorted information into pertinent findings and conclusions. Mr. Grenfell excels at providing effective risk-based results for multiple demanding client groups.

Mr. Grenfell has worked with national and regional lenders, banks, investors, equity stakeholders, and property owners, including:

- Bank of America
- Principal Real Estate
- Wachovia
- Wells Fargo
- Morgan Stanley
- Merrill Lynch
- Prudential
- Nationwide Life
- Bear Stearns
- Blackstone Group
- Principal Financial
- Countrywide
- Capmark Finance
- Cingular Wireless

Mr. Grenfell is also a LEED Accredited Professional (AP) who has studied energy auditing practices in commercial buildings and continues to explore energy efficiency and green business practices in the built environment.

Finally, Mr. Grenfell's diversity across managing projects across industrial, residential, retail, and commercial environments, as well as his diverse project experience, is a major contribution to Partner Engineering and Science's Project Management team.



