HILLMANN
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PHASE I ENVIRONMENTAL SITE ASSESSMENT

SOUTHWEST 95 ACRES OF VICTORVILLE SANITARY LANDFILL
18600 STODDARD WELLS ROAD
VICTORVILLE, CALIFORNIA 92307

Prepared For:

Victorville Landfill Solar, L.P.
44 Montgomery St, Suite 2200
San Francisco, CA 94104

September 5, 2014

Hillmann Project No: C3-6067

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September 5, 2014

Victorville Landfill Solar, L.P.
44 Montgomery St, Suite 2200
San Francisco, CA 94104

RE: Phase I Environmental Site Assessment
Southwest 95 Acres of Parcel 0472-011-34
Victorville Sanitary Landfill
Victorville, California
Hillmann Project Number: C3-6067

To whom it may concern:

Hillmann Consulting, LLC, is pleased to provide the results of our Phase I Environmental Site Assessment of the above referenced property. This assessment was performed in accordance with the scope and limitations of ASTM Practice E 1527-13, which is the latest version of the E1527 standard published by the ASTM.

This report is for the exclusive use of the entities named on the front cover, its affiliates, designates and assignees, rating agencies, prospective bond holders and bond holders, and no other party shall have any right to rely on any service provided by Hillmann Consulting, LLC, without prior written consent.

We appreciate the opportunity to provide environmental due diligence services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact the Project Manager at (714) 634-9500.

Very Truly Yours,
Hillmann Consulting, LLC

Gregory Shaffer
Project Manager

David Rutherford
Director, Due Diligence

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List of Abbreviations/Acronyms

Hillmann may use the following abbreviations and acronyms for common terminology described in our report. Not all abbreviations or acronyms may be applicable to this report:

ACM	– Asbestos Containing Material
AST	– Aboveground Storage Tank
ASTM	– American Standard for Testing Materials
CERCLA	– Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	– Comprehensive Environmental Response Compensation and Liability Information System
CESQG	– Conditionally Exempt Small Quantity Generator
CORRACTS	– Corrective Action Sites
CREC	– Controlled Recognized Environmental Condition
DNPL	– Delisted National Priority List
DTSC	– Department of Toxic Substances Control
ENG	– Engineering
ERNS	– Emergency Response Notification System
FOI	– Freedom of Information
FOIA	– Freedom of Information Act
FOIL	– Freedom of Information Letter
HVAC	– Heating Ventilation & Air Conditioning
HREC	– Historic Recognized Environmental Condition
IAQ	– Indoor Air Quality
INST	– Institutional
LBP	– Lead-Based Paint
LQG	– Large Quantity Generator
LUST	– Leaking Underground Storage Tank
MSDS	– Material Safety Data Sheet
NFA	– No Further Action
NFRAP	– No Further Remedial Actions Planned
NPDES	– National Pollutant Discharge Elimination System
NPL	– National Priority List
RCRA	– Resource Conservation and Recovery Act
RCRIS	– Resource Conservation and Recovery Information System
REC	– Recognized Environmental Condition
RWQCB	– Regional Water Quality Control Board
SCAQMD	– South Coast Air Quality Management District
SQG	– Small Quantity Generator
TSDF	– Treatment Storage and/or Disposal Facility
USEPA	– United States Environmental Protection Agency
UST	– Underground Storage Tank

1.0 EXECUTIVE SUMMARY

Hillmann Consulting, LLC (Hillmann), performed a Phase I Environmental Site Assessment (ESA) of approximately 95 acres of the southwest portion of 18600 Stoddard Wells Road, Victorville, California (the Property). This assessment has been conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-13 for Phase I Environmental Site Assessments.

1.1 Project Details Summary Table

A summary of the pertinent details of the project is provided below:

PROJECT SUMMARY TABLE					
Name of Client	Victorville Landfill Solar, L.P.				
Client Project No.:	13-040				
Client Contact:	Mr. Jeremy Krout				
Description of Project	Phase I Environmental Site Assessment				
Project Name:	Victorville Landfill Solar				
Street Address:	18600 Stoddard Wells Road				
City:	Victorville	**County:**	San Bernardino	**State:**	California
Tax ID/Parcel Number:	0472-011-34				
Zoning Designation:	SP – Specific Plan				
Approx. Property Area:	95 Acres				
Approximate Building Area:	N/A				
Year Built:	N/A				
General Type of Usage:	Undeveloped land adjacent to landfill				
Property Owner:	County of San Bernardino				
Occupant(s):	Victorville Sanitary Landfill				
Assessment Personnel:	Mr. Gregory Shaffer				
Property Contact:	Mr. Rafik Albert				
Property Escort(s):	Mr. Dave Kripal				
Inspection Date:	September 2, 2014				
Weather Conditions:	Clear, 90 degrees F				

1.2 Findings Summary Table

The following table summarizes the key findings of this assessment. This table, alone, does not constitute the complete assessment. The report must be reviewed in its entirety.

Assessment Section	No Sig. Concern	Potential Env Concern	REC	Recommended Follow-up	Rep. Ref.
User Provided Info	X				3.0
Data Gaps	X				2.5
Regulatory Review		Undetermined regulatory status of condensate release at landfill gas flare station	REC	See Section 1.5.1	4.1
Historical Review	X				4.4
Site Use	X				5.2
Adjoining Properties		Adjoining Victorville Sanitary Landfill and associated groundwater contamination with PCE and various other VOCs at and near the Property	REC	See Section 1.5.1	4.1.2 5.2.8
Hazardous Materials	X				5.3
Bulk Petroleum Storage	X				5.3
PCBs	X				5.3
Waste / Discharges	X				5.3
Asbestos Containing Materials (ACM)	X				7.1
Lead Based Paint (LBP)	X				7.2
Radon	X				7.3
Mold	X				7.4
Wetlands	X				7.5

NA = Not Applicable, TBD = To Be Determined, UNK = Unknown

1.3 General Description, Current and Historic Property Use

The Property consists of an irregularly shaped portion of the Victorville Sanitary Landfill, as delineated by the "Phase I ESA Study Area" pdf file provided to Hillmann. The Property totals approximately 95 acres at the southwest portion of the Victorville Sanitary Landfill parcel (the "parent parcel"). The Property consists of undeveloped land. Approximately two groundwater monitoring wells and two soil-pore gas monitoring stations are located on the Property. The terrain of the Property appeared to be sloping downward toward the southeast. Dry streambeds were observed at the Property, traversing from the northwest to the southeast.

The Property appears to have never been developed.

1.4 Findings, Opinions, and Conclusions

1.4.1 Notable Findings

- The Victorville Sanitary Landfill, which is owned and managed by the County of San Bernardino-Solid Waste Management Division (SWMD), directly abuts the Property to the northeast. The landfill has been operational since 1965 and is a Class III solid waste landfill which only accepts non-hazardous solid wastes including municipal refuse and construction debris. The landfill conducts regular monitoring of groundwater and soil-pore gas in order to determine if the landfill has affected the subsurface. Numerous environmental regulatory databases listings were identified for the landfill including FINDS, LDS, WDS, US AIRS, RCRA-SQG, SWF/LF, NPDES, ENF, San Bern. Co. Permit, EMI, Financial Assurance, HAZNET and RGA LF. Historic monitoring of the landfill conducted since the late 1980s has documented impacts to groundwater by inorganic and organic constituents, which is an on-going violation of the landfill's NPDES permit. In response, an Evaluation Monitoring Program (EMP) was implemented by SWMD to assess site conditions and a landfill gas collection system was installed to reduce the migration of VOCs from the landfill. Hillmann reviewed the most recent groundwater monitoring report for the landfill. Monitoring well VSL-6 is at the southern border of the landfill and adjacent to the Property while well VSL-12 is at the southeastern portion of the Property. Laboratory results from groundwater sampling at VSL-6 indicated that tetrachloroethene (PCE), dichlorodifluoromethane (DCDFM), trichloroethene and trichlorofluoromethane were detected. The State and Federal maximum contaminant level (MCL) was exceeded for both PCE and nitrate in groundwater sampled from VSL-6. Trace amounts of PCE and DCDFM were also detected in VSL-12 though below the MCL which, according to the report, is a historic trend. The presence of the adjoining landfill and associated subsurface impacts are considered to be a REC in connection with the Property.

- Hillmann reviewed regulatory files for the Property at the Regional Water Quality Control Board's Lahontan Regional Office in Victorville, California. One document was titled "Condensate Release at the Landfill Gas Flare Station at the Victorville Sanitary Landfill" and dated 12/23/2013. The document was prepared by the County of San Bernardino Department of Public Works Solid Waste Management Division; and addressed to the California Regional Water Quality Control Board. The letter report indicates that a crack formed in a condensate strainer, and between 50 and 150 gallons of condensate were

estimated to have spilled. The condensate flowed over the concrete pad and onto the soil west of the pad (at or very near the Property). The impacted soil was excavated, and the void was backfilled with clean fill soil. Two soil samples were taken, including one of the excavated impacted soil and a second from the bottom of the excavated pit, and analyzed under various Hazardous Materials Characterization tests:. Results of the soil sampling, which were not discussed by the 12/23/14 letter, indicated elevated levels of acetone and 2-butanone (MEK) and the presence of tert-Butanol (TBA) in the sample collected from the bottom of the excavated soil. It was not clear from the existing documentation whether or not additional corrective actions would be required by the RWQCB. Given the unknown regulatory status regarding the condensate release, the incident is considered to be a REC in connection with the Property.

1.4.2 Non-ASTM Scope Considerations

Hillmann has also performed cursory evaluations for ASTM "Non-Scope" items, such as asbestos-containing materials (ACM), lead-based paint, radon, mold and wetlands. Our observations and research did not identify any notable concerns.

1.4.3 Significant Data Gaps

No data gaps that significantly impacted Hillmann's ability to identify RECs in connection with the Property have been identified.

1.4.4 Recognized Environmental Conditions

Hillmann has performed a Phase I Environmental Site Assessment in accordance with the scope and limitations of ASTM Practice E 1527-13 of the Property as described in Section 2 of this report. Any additions to, exceptions to, or deletions from this practice are also described in Section 2 of this report. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except for the following:

Recognized Environmental Conditions (RECs):

- The presence of the adjoining landfill and associated subsurface impacts is considered to be a REC in connection with the Property.

- The uncertain regulatory status of the December 2013 condensate release incident is considered to be a REC in connection with the Property.

Controlled Recognized Environmental Conditions (CRECs):

- No evidence of any CRECs in connection with the Property was identified.

Historical Recognized Environmental Conditions (HRECs):

- No evidence of any HRECs in connection with the Property was identified.

1.5 Recommendations

1.5.1 Recognized Environmental Conditions

- Considering that that the landfill is owned and managed by the County of San Bernardino; that the Property consists of undeveloped land; that the County as the responsible party for the December 2013 condensate release incident and has conducted corrective actions; and that the environmental impacts of the Victorville Sanitary Landfill are being monitored under an approved Evaluation Monitoring Plan and landfill gas collection system, no additional investigation is recommended at this time with regard to the identified RECs.

1.5.2 Non-ASTM Considerations

Additional investigation or management of Non-ASTM considerations is not warranted at this time.

2.0 INTRODUCTION

2.1 Purpose and Scope

This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-13. The ASTM describes these methodologies as representing good commercial and customary practice in the United States of America for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on CERCLA liability (hereinafter, the "landowner liability protections," or "LLPs"): that is, the practice that constitutes all appropriate inquiries into the previous ownership and uses the property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B). The primary goal of the processes established by ASTM E1527-13 is to identify *recognized environmental conditions* in connection with the Property.

The term *recognized environmental condition (REC)* is defined by the ASTM as the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

The ASTM has also defined the terms *historical recognized environmental conditions* and *controlled recognized environmental conditions* as two additional types of RECs. The term *historical recognized environmental condition (HREC)* is defined as a past release of any hazardous substances or petroleum products that has occurred in connection with the Property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls or engineering controls).

The term *controlled recognized environmental condition (CREC)* is defined as a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

Conditions determined to be "*de minimis conditions*" are not considered to be RECs nor CRECs. *De minimis condition* is defined by the ASTM as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

The chief components of this assessment are described as follows:

- A non-invasive visual reconnaissance of the Property and adjoining properties in accordance with ASTM guidelines for evidence of RECs.

- Interviews of past and present owners and occupants and state and local government officials, seeking information related to the potential presence of RECs at the Property.

- A review of standard physical record sources for available topographic, geologic and groundwater data.

- Review of standard historic record sources, such as fire insurance maps, city directories, aerial photographs, prior reports and interviews, etc., to determine prior uses of the Property from the present, back to the Property's first developed use, or back to 1940, whichever is earlier.

- Review of standard environmental record sources including federal and state environmental databases, and additional environmental record sources, to identify potential regulatory concerns with the Property, adjoining properties and properties located within the surrounding area.

These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

2.1.1 Non-ASTM Scope Considerations

In accordance with our contract agreement, Hillmann may have addressed the following potential environmental concerns that are outside of the requirements of the ASTM E1527-13 standard:

Asbestos-Containing Materials (ACM): A cursory visual inspection for the presence of suspect ACM within the accessed areas of buildings on the Property.

Lead-Based Paint (LBP): A cursory visual inspection of the condition of painted surfaces in the accessed areas of buildings on the Property.

USEPA Designated Radon Potential: Review of general non-site specific data published by the USEPA regarding the potential for elevated indoor levels of radon gas to occur in the area of the Property.

Mold: A cursory visual inspection within the accessed areas of buildings on the Property for evidence of systemic microbial problems, including visible mold growth, water damaged building materials or musty odors.

Wetlands: A cursory review of data published by the US Fish and Wildlife Service regarding the presence or absence of mapped wetlands on the Property. The US Fish and Wildlife Service wetlands data is typically provided to Hillmann by Environmental Data Resources, Inc. (EDR).

2.2 Property Location/Legal Description

The Property is located at 18600 Stoddard Wells Road, Victorville, California. The legal designation of the Property is Assessor's Parcel Number (APN) 0472-011-34. The Property is located one the northwest side of Stoddard Wells Road. The latitude and longitude of the Property is approximately North 34.5891 degrees, and West 117.2746 degrees.

2.3 Significant Assumptions

The following significant assumptions are made:

- Hillmann has assumed that the information obtained from EDR during the course of this assessment is an accurate and complete representative summary of the information contained in the referenced regulatory agency records, except when such information is obviously contradicted by other data.

- Hillmann has assumed that the information used to prepare this assessment that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives or other secondary sources was an accurate and complete representative summary of the information possessed by those individuals, representatives or sources.

- Hillmann has assumed that the site operations at the time of the site visit reflect typical site conditions relative to potential environmental conditions and that no concealment of environmental conditions or releases by site owners or occupants has occurred. Likewise, Hillmann has also assumed that no areas of the Property with potential environmental concerns or RECs were concealed or otherwise not made known to us, intentionally or unknowingly, by the Property owners/occupants and/or site escort at the time of the site visit.

- For the purpose of estimating the approximate direction of groundwater flow in the absence of site specific groundwater data, unless indicated otherwise, Hillmann has assumed that the gradient of groundwater flow follows the surface topography of the Property and immediate surrounding area.

2.4 Limitations and Exceptions

2.4.1 Limiting Conditions

Hillmann was unaware of any other significant limiting conditions at the time of the assessment.

2.4.2 Other Exceptions or Deletions:

No other exceptions or deletions from the ASTM Standard E 1527-13 are reported.

2.5 Data Gaps

A *data gap* is defined by the ASTM as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap and the ability to determine the presence or absence of recognized environmental conditions.

Data Gap:	Significant (Yes/No)?	Discussion
Response to agency records requests not received as of date of report.	No	Any additional information indicative of a REC will be forwarded upon receipt.

2.6 Special Terms and Conditions

Hillmann has prepared this Phase I Environmental Site Assessment using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Property. The methodology of this Phase I Environmental Site Assessment was consistent with the ASTM Standard Practice for E 1527-13. Findings within this report are based on information collected from observations made on the day of the site visit and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation or other construction purposes. Hillmann makes no representation or warranty that the past or current operations at the Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes.

Findings, conclusions and recommendations presented in this report are based on our visual observations of the Property, the research findings reasonably obtained, information provided by the Client, and/or a review of readily available and supplied drawings and documents. Hillmann relies completely on the information, whether written, graphic or verbal, provided by the subject Property contact(s) or as shown on any documents reviewed or received from the subject Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. Although there may have been some degree of overlap in the information provided by these various sources, Hillmann did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this assessment.

Regardless of the findings stated in this report, Hillmann is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. The report focuses on the Property and neighboring properties that could impact the Property. Neighboring properties listed in governmental environmental records are identified within specific search distances. The search distance varies depending upon the particular government record being checked. The regulatory research is designed to meet the requirements of ASTM Standard E 1527-13. The information provided in the regulatory database report is assumed to be correct and complete.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment to identify aboveground and underground storage tanks and ancillary equipment. “Reasonable efforts” are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify subsurface equipment that may have been hidden from view due to parked automobiles and other vehicles, snow cover, vegetative growth, pavement, construction or debris pile storage or incorrect information from sources.

Unless otherwise specified in Section 2.1 of this report, an ASTM Vapor Encroachment Screening of the Property utilizing the information collected during the course of this assessment is excluded from the scope of service for this assessment.

Hillmann is not a professional title insurance firm and makes no guarantee, explicit or implied, that the records which were reviewed represent a comprehensive or precise delineation of past Property ownership or tenancy for legal purposes.

3.0 USER PROVIDED INFORMATION

3.1 Prior Environmental Reports/Documentation

No prior environmental reports or documentation were obtained.

3.2 Title Records/Environmental Liens/Activity and Use Limitations

Review of title records is not included in the scope of work for this assessment project. No information regarding environmental liens or activity and use limitations was provided to Hillmann by the Client.

3.3 Specialized Knowledge or Experience

No indication of any specialized knowledge or experience regarding the Property was reported to Hillmann by the Client.

3.4 Commonly Known or Reasonably Ascertainable Information

No commonly known or specialized knowledge of the Property was reported to Hillmann by the Client.

3.5 Property Value Reduction due to Environmental Conditions

No information was provided by the Client to Hillmann regarding a reduction of the Property value due to environmental problems or conditions.

3.6 Reason for Performing Phase I ESA

It is Hillmann's understanding that the Phase I ESA was being performed in consideration of a pending real estate transaction involving the Property.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

An EDR Radius Map report was obtained from Environmental Data Resources of Milford, CT. The EDR Radius Map Report provided a search of standard environmental record sources in general accordance with the requirements of the ASTM E1527-13. Hillmann has reviewed the EDR Radius Map report and a summary of findings is presented in the following tables and report sections. Hillmann also reviewed the list of unmapped sites (referred to by EDR as "Orphan List" sites). Unmapped sites identified as falling within an applicable specific search distance or warranting discussion in the report, if any, have been included in the information presented below. Detailed descriptions of the meaning and significance of the regulatory databases can be found in the EDR Radius Map Report in Appendix E.

Regulatory Database	Search Distance	Property Listed?	Adj. Properties Listed?	Total Listings Within Search Distance
Fed. NPL/Proposed NPL	1-mile	No	No	0
Fed. Delisted NPL	½-mile	No	No	0
Fed. CERCLIS	½-mile	No	No	0
Fed. CERC-NFRAP	½-mile	No	No	0
Fed. RCRA CORRACTS	1-mile	No	No	0
Fed. RCRA TSD	½-mile	No	No	0
Fed. RCRA LQG	Site & Adj.	No	No	
Fed. RCRA SQG	Site & Adj.	Yes	No	
Fed. RCRA CESQG	Site & Adj.	No	No	
Fed. ENG Control List	Site	No		
Fed. INST Control List	Site	No		
Fed. ERNS	Site	No		
State/Tribal Hazardous Waste Site	1-mile	No	No	0
State/Tribal Landfill/Solid Waste	½-mile	Yes	No	1
State/Tribal Leaking Storage Tanks	½-mile	No	No	0
State/Tribal Registered Storage Tanks	Site & Adj.	No	No	
State/Tribal Eng. Control List	Site	No		
State/Tribal Inst. Control List	Site	No		
State/Tribal Voluntary Cleanup Sites	½-mile	No	No	0
State/Tribal Brownfields	½-mile	No	No	0
Supplemental Databases	Site & Adj.	Yes	No	

4.1.1 Property Listings

The listings on the database do not necessarily reflect incidents that have occurred at the subject Property. The subject Property is a portion of a larger parcel of land associated with the landfill having the same address. Incidents or listings associated with this address appear to have been at various locations throughout the landfill property. The Property (address) was listed on the following databases:

FINDS, LDS, WDS, US AIRS, RCRA-SQG, SWF/LF, NPDES, ENF, San Bern. Co. Permit, EMI, Financial Assurance, HAZNET, RGA LF – Victorville Sanitary Landfill: The FINDS

listing indicates that the site is on the National Emissions Inventory, RCRA Program, and the California Solid Waste Integrating System. The LDS listing indicates that the site is an operating land disposal site. The first WDS listing indicates that the site us a nonhazardous waste landfill and that the site poses a major threat to groundwater. The second WDS listing indicates that the site is a minor threat to water quality. The AIRS listing indicates that the site had actual or potential emissions above the major source thresholds. No dates are provided for any compliance violations. The RCRA-SQG listing indicates no violations found. The SWF/LF listing indicates that the site is a permitted solid waste land fill which accepts the following wastes: agricultural, ash, construction/demolition, dead animals, green materials, industrial, mixed municipal, sludge (BioSolids), tires, and wood waste. The land fill is estimated to close in October of 2047. The NPDES listing indicates that the site is an active enrollee in the construction and industrial programs. The ENF listing indicates that at least one spill took place at the landfill. The San Bern. Co. Permit listing indicates that the site has active permits for small quantity generator, hazardous materials 4-10 chemicals, CUPA annual admin permit program fee – Level 2, The first EMI listing indicates that the site emitted organic hydrocarbons, reactive organic gases, carbon monoxide, nitrogen oxides, sulfur oxides, and particulate matter in 2012. The second EMI listing indicates the same information for 2010 and 2011. The Financial Assurance listing provides no pertinent information. The HAZNET listing indicates that the following wastes were generated between 1995 and 2012: paint sludge, “not reported,” off-specification, aged, or surplus organics, household waste, laboratory waste chemicals, unspecified organic liquid mixture, and other organic solids. The RGA LF listings indicate that the site has been used as the Victorville Sanitary Landfill since 2002.

4.1.2 Adjoining Property Listings

No listings of the adjoining properties were identified.

4.1.3 ASTM Search Distance Findings

The following is a summary of the findings of the regulatory database review with regard to sites identified as located within the ASTM specified search distance surrounding the Property. In order to keep this report informative and yet concise, Hillmann has provided a brief discussion of the listed site(s) for each database category that appears most likely to impact the Property based on distance, topography and/or case status. A copy of the full EDR Radius Map Report, including available details of all listed sites, is included in Appendix E.

Note that listings for the following databases, if identified, would be discussed above in Sections 4.1.1 and 4.1.2: Registered Storage Tanks, Federal RCRA Generators, Federal and State INST and ENG Controls, ERNS.)

Federal NPL: No NPL listings were identified within a one-mile radius of the Property.

Federal Delisted NPL: No DNPL listings were identified within a ½-mile radius of the Property.

Federal CERCLIS: No CERCLIS listings were identified within a ½-mile radius of the Property.

Federal CERCLIS-NFRAP: No CERC-NFRAP listings were identified within a ½-mile radius of the Property.

Federal RCRA-CORRACTS: No CORRACTS listings were identified within a one-mile radius of the Property.

Federal RCRA-TSD: No TSD listings were identified within a ½-mile radius of the Property.

State/Tribal Hazardous Waste Sites: No SHWS listings were identified within a one-mile radius of the Property.

State/Tribal Landfill/Solid Waste Disposal Sites: One (1) SWF/LF listing was identified within a ½-mile radius of the Property. The listing was identified to be associated with the landfill which the Property is part of. The listing is discussed in Section 4.1.1.

State/Tribal leaking Storage Tanks: No LUST listings were identified within a ½-mile radius of the Property.

State/Tribal Voluntary Cleanup Sites: No VCP listings were identified within a ½-mile radius of the Property.

State/Tribal Brownfields: No BROWNFIELDS listings were identified within a ½-mile radius of the Property.

Review of the sites identified within the ASTM search parameters did not identify any nearby or surrounding area sites that are considered to be a REC in connection with the Property, unless as discussed otherwise previously in this section.

4.2 Additional Environmental Record Sources

4.2.1 Supplemental Database Listings

Hillmann reviewed the EDR Radius Map report for listings on supplemental databases that were searched in addition to the Standard Environmental Record Sources. Any property or adjoining property listings on such databases, if identified, would be discussed in Section 4.1.1 and 4.1.2. None of the other supplemental database listings identified by the EDR Radius Map report are considered to be a REC in connection with the Property.

4.2.2 Local Agency & Internet Research

Hillmann performed a search of available local and municipal agencies for pertinent information pertaining to the Property, particularly with regard to potential environmental concerns such as petroleum storage tanks, storage and usage of hazardous substances and petroleum products, and/or known or suspected environmental contamination. Hillmann also conducted a cursory internet search of the Property address for information indicative of a REC. The following table summarizes the findings of the research:

Source:	Inquiry Made?	Type:	Outcome:
Environmental Protection Agency (EPA)	Yes	FOIA Request	Response not received prior to report completion.
San Bernardino County Fire Department	Yes	FOIA Request	Response not received prior to report completion.
Department of Toxic Substances Control (DTSC)	Yes	FOIA Request	Hillmann conducted a file review at the DTSC's Cypress Regional Office in order to review the available documents pertaining to the Victorville Sanitary Landfill. The documents available for review reiterated information already obtained from the RWQCB's file review.
Regional Water Quality Control Board (RWQCB) – Santa Ana Region (8)	Yes	FOIA Request	See below.
San Bernardino County Environmental Health Services	Yes	FOIA Request	Response indicated no records found.
South Coast Air Quality Management District (SCAQMD)	Yes	FOIA Request	Response indicated no records found.
San Bernardino County Geographical Information System (GIS)	Yes	On-line search	No information indicative of a REC was identified.
CA DTSC EnviroStor database http://www.envirostor.dtsc.ca.gov/public/	Yes	Internet	The Property address was searched. No results for the Property were found.
CA Geotracker database http://geotracker.waterboards.ca.gov/	Yes	Internet	The Property address was searched. No results for the Property were found.
USEPA Envirofacts search http://www.epa.gov/enviro/index.html	Yes	Internet	The Property address was searched. No results for the Property were found.
www.google.com	Yes	On-line search	No information indicative of a REC was identified.
Other:	NA		

Hillmann reviewed the available files at the Regional Water Quality Control Board's Lahontan Regional Office in Victorville, California. One document not available on the RWQCB's online GeoTracker was titled "Condensate Release at the Landfill Gas Flare Station at the Victorville Sanitary Landfill" and dated 12/23/2013. The document was prepared by the County of San Bernardino Department of Public Works Solid Waste Management Division. The letter report indicates that a crack formed in a condensate strainer and between 50 and 150 gallons of condensate were estimated to have spilled. The condensate flowed over the concrete pad and onto the soil west of the pad (at or very near the Property). The impacted soil was excavated, and the void was backfilled with clean fill soil. Two soil samples were taken: one of the impacted soil which was disposed of in the lined landfill area and a second at the bottom of the excavated pit. Results of the soil sampling, which were not discussed by the December 23, 2013 letter, indicated elevated levels of acetone and 2-butanone (MEK) and the presence of tert-Butanol (TBA) in the sample collected from the bottom of the excavated soil.

Hillmann also reviewed the most recent groundwater monitoring report for the Victorville Sanitary Landfill titled County of San Bernardino Water Quality Monitoring Report, Second Quarter 2014, Victorville Sanitary Landfill, WDID No.: 6b360304025 prepared by Geo-Logic Associates and dated July 2014. Monitoring well VSL-6 is at the southern border of the landfill and adjacent to the Property while well VSL-12 is at the southeastern portion of the Property.

Laboratory results from groundwater sampling at VSL-6 indicated that tetrachloroethene (PCE), dichlorodifluoromethane (DCDFM), trichloroethene and trichlorofluoromethane were detected. The State and Federal maximum contaminant level (MCL) was exceeded for both PCE and nitrate in groundwater sampled from VSL-6. Trace amounts of PCE and DCDFM were also detected in VSL-12 though below the MCL which, according to the report, is a historic trend. The known groundwater contamination at and near the Property is considered to be a REC in connection with the Property.

4.3 Physical Setting Sources

4.3.1 USGS 7.5 Minute Topographic Map

The USGS 7.5 minute series topographic maps covering the Property (Victorville, CA Quadrangles) were reviewed. The maps indicated an approximate elevation at the Property of 2,943 feet above mean sea level. The topography indicated by the map appeared to be sloping downward to the southeast. The closest down gradient water body depicted by the map consisted of a branch of Bell Mountain Wash which traverses the Property.

4.3.2 Soils

Based on USDA Soil Conservation Service (SCS) data summarized by the EDR Geocheck-Physical Setting Source Addendum, the soil type at the Property is classified as “Nebona” and “Cajon.” The Nebona designation is described as well drained with very slow infiltration rates. The Cajon designation is described as somewhat excessively drained with high infiltration rates.

4.3.3 Geology

Based on geologic data summarized by the EDR Geocheck - Physical Setting Source Addendum, the geologic formation in the vicinity of the Property is described as a stratified sequence of the Paleozoic Era, Pensylvannian System, Upper Paleozoic Series.

4.3.4 Hydrology

No site specific hydro-geologic data was available for the Property.

4.4 Historical Use – Property and Adjoining Properties

Hillmann has conducted research in order to help identify the likelihood of past uses having led to recognized environmental conditions in connection with the Property. Standard historical sources have been sought in an attempt to document the past uses of the Property as far back as it can be shown that the Property contained structures; or from the time the Property was first used for residential, agricultural, commercial, industrial or governmental purposes.

4.4.1 Fire Insurance Maps

A search of Sanborn Fire Insurance Maps for the Property and surrounding area was conducted by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut. EDR provided a Sanborn report stating fire insurance maps covering the Property were not found.

4.4.2 City Directories

Hillman obtained an EDR City Directory Abstract report to obtain data of historic city directory listings for the Property. The City Directory Abstract report returned no results for the Property or the adjoining properties.

4.4.3 Historical Topographic Map Review

Hillmann obtained and reviewed an "EDR Historical Topographic Map Report" from EDR containing historic aerial photography of the Property and adjoining properties. The following interpretation of land usage was made by review of the maps:

YEAR(S)	SUMMARY	
1934	**Property**	The Property is depicted as undeveloped land.
	Adjacent Properties	The adjacent properties are depicted as undeveloped land.
1956, 1968, 1981	**Property**	The Property is depicted as undeveloped land.
	Adjacent Properties	The adjacent property to the northeast is depicted as the Victorville City Dump. The adjacent properties to the north, west, and south are depicted as undeveloped land.
1993	**Property**	The Property is depicted as undeveloped land. An intermittent stream is depicted on the Property.
	Adjacent Properties	The adjacent properties are depicted as undeveloped land.

4.4.4 Aerial Photograph Review

Hillmann obtained and reviewed an "EDR Aerial Photo Decade Package Report" from EDR containing historic aerial photography of the Property and adjoining properties. In addition, Hillmann reviewed historic aerial photographs of the Property online at www.historicaerials.com. The following interpretation of land usage was made by review of the aerial photographs:

YEAR(S)	SUMMARY	
1953	**Property**	The Property appears to be undeveloped land.
	Adjacent Properties	The adjacent properties appear to be undeveloped land.
1968, 1973, 1980, 1989, 1994, 2005, 2009, 2010, 2012	**Property**	The Property appears to be undeveloped land.
	Adjacent Properties	The adjacent property to the northeast appears to be a landfill and contains one structure. The adjacent properties to the north, west, and south appear to be undeveloped land.

4.4.5 Petroleum/Natural Gas Well Review

Hillmann reviewed historical record sources for evidence of historic petroleum and/or natural gas wells at the Property. In addition, Hillmann conducted a search of the property location on the Division of Soil Gas & Geothermal Resources Well Finder database (http://maps.conservation.ca.gov/doggr/index.html). No record of any historical petroleum/natural gas wells at the Property was identified.

4.4.6 Historical Records Data Failure

Historic land use data prior to 1934 was not readily available at the time of the assessment. The Property was determined by this assessment to have never been developed. It is Hillmann's opinion that no significant data gaps were encountered.

4.4.7 Summary of Historic Use Research

The Property appears to have never been developed. Adjoining properties appear to have never been developed with the exception of the adjacent Victorville Sanitary Landfill which appears to have been established as a landfill beginning as early as 1956.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The site reconnaissance consisted of visual and/or physical observations of the Property and improvements, adjoining properties as viewed from the Property boundaries and the surrounding area based on visual observations from adjacent public thoroughfares. Building exteriors were observed at ground level, unless otherwise indicated. Where applicable, Hillmann accessed and observed representative areas of building interiors to the extent they were made safely accessible with the cooperation of the site escort.

The site reconnaissance was conducted by Mr. Gregory Shaffer on September 2, 2014. Weather conditions at the time of the assessment included a temperature of approximately 90 degrees F and clear skies. Hillmann was accompanied by Mr. Dave Kripal during a portion of the site visit.

5.1.1 Significant Inaccessible Areas

No significant areas were excluded from Hillmann's visual inspection.

5.2 General Site Setting

5.2.1 Site and Vicinity Characteristics

The Property consists of an irregularly shaped portion of the Victorville Sanitary Landfill. The Property totals approximately 95 acres at the southwest portion of the landfill. The Property consists of undeveloped desert. Approximately two groundwater monitoring wells and two soil-pore gas monitoring stations, associated with the monitoring of the adjoining Victorville Sanitary Landfill, are located on the Property.

5.2.2 Topographic Characteristics

The terrain of the Property appeared to be sloping downward toward the southeast. Dry streambeds were observed at the Property, traversing from the northwest side to the southeast side.

5.2.3 General Description of Structures

No structures were present at the Property at the time of the assessment.

5.2.4 Sources of Heating and Cooling

No heating or cooling systems were present at the Property at the time of the assessment.

5.2.5 Potable Water Source/Sewage Disposal System

The Property is not currently serviced by the municipal water or sewer systems.

5.2.6 Current Use(s) of the Property

The Property is currently undeveloped land.

5.2.7 Past Use(s) of the Property

No obvious indication of past Property usage likely to have involved the use, treatment, storage, disposal or generation of hazardous substances or petroleum products was observed at the time of the site visit. Please refer to Section 4.4 for findings of historical site use research.

5.2.8 Current Use(s) of the Adjoining Properties

The following describes adjacent and abutting properties:

Dir	Street Address	Description
N	APN 047201103	Vacant Land
NE, SE	18660 Stoddard Wells Road	Victorville Sanitary Landfill
W	APN 047202102	Vacant Land
S	APN 047203165	Vacant Land

The adjoining property to the south and southeast had a high pressure gas pipeline traversing the Property. The Victorville Sanitary Landfill has monitoring wells on and adjacent to the Property as well as a Gas Flare Station adjacent to the east of the Property. Subsurface impacts to the Property from the adjoining landfill are further discussed in section 4.2.2. No other visual observations indicative of a potential environmental concern were noted of the adjoining properties.

5.2.9 Past Use(s) of the Adjoining Properties

No indication of past uses of the adjoining properties was noted at the time of the site visit. Please refer to Section 4.4 for the findings of historical site use research.

5.2.10 Current/Past Uses of Surrounding Area

The Property is located in a rural area of Victorville, California. The vicinity of the Property consists of the landfill, an industrial facility, and undeveloped desert. No indications of past Property uses that differ substantially from current conditions were observed at the time of the site visit.

5.3 Interior & Exterior Observations

5.3.1 Storage/Usage of Hazardous Substances and Petroleum Products

No significant storage/usage of hazardous substances and petroleum products was observed.

5.3.2 Drums

No drums were observed at the Property.

5.3.3 Other Hazardous Substances/Petroleum Products

No other containers of hazardous substances or petroleum products were noted on the Property at the time of the site visit.

5.3.4 Unidentified Substance Containers

No unidentified containers suspected of containing hazardous substances or petroleum products were noted on the Property at the time of the site visit.

5.3.5 Storage Tanks

No evidence of any past or present underground storage tanks (USTs) or aboveground storage tanks (ASTs) was identified on the subject Property.

5.3.6 Polychlorinated Biphenyls (PCBs)

No suspected PCB containing electrical or hydraulic equipment was identified.

5.3.7 Odors

No strong, unusual or pungent odors were noted on the Property.

5.3.8 Pools of Liquid

No pools of liquid were noted at the Property.

5.3.9 Interior Stains or Corrosion

No interior stains or corrosion were noted at the Property.

5.3.10 Interior Drains/Sumps

No floor drains or sump pits were noted at the Property.

5.3.11 Exterior Pits/Ponds/Lagoons

No evidence of exterior pits, ponds or lagoons was identified on the Property in connection with waste treatment or disposal.

5.3.12 Stained Soil, Pavement/Stressed Vegetation

No evidence of stained soils or stressed vegetation was identified on the Property.

5.3.13 On-Site Solid Waste Dumping/Fill Material

Minor nuisance dumping of solid waste (computer, tires, etc.) were observed at the Property. No evidence of impact to the Property, such as surface staining, odors, stressed vegetation, or spillage of contents was observed. No other evidence of on-site solid waste dumping or fill material was noted at the Property.

5.3.14 Wastewater

No waste discharges were noted at the Property.

5.3.15 Septic Systems

No indication of septic systems was noted on the Property.

5.3.16 Wells

Four (4) monitoring wells were observed at the Property with several more near the northeastern border. These wells are used to monitor groundwater and soil-pore gas on the Victorville Sanitary Landfill. No other wells were observed at the Property.

6.0 INTERVIEWS

6.1 Interviews with Past and Present Owners and Occupants

Type	Name; Affiliation/Title	Summary
Property Owner	Mr. Dave Kripal, Athens Services, Supervisor	Mr. Dave Kripal, Supervisor with Athens Services, escorted Hillmann to the Property from the Victorville Landfill. Mr. Kripal was knowledgeable of the operations at the landfill. Pertinent information where obtained is referenced in the appropriate sections of this report. Additionally, Mr. Jeremy Krout of EPD Solutions was provided with an environmental questionnaire with instructions for it to be completed by a party knowledgeable of the Property. As of the date of this report, the questionnaire has not been returned.
Property Occupants	Not applicable	Hillmann was not able to interview individual building occupants.
Past Owners, Occupants, Operators	Not applicable	Past owners/occupants of the Property were not available for interview at the time of the assessment.
Owners/Occupants of Adjacent or Nearby Properties	Not applicable	The Property was not an abandoned property with evidence of unauthorized uses or uncontrolled access; therefore, interviews with adjacent or nearby property owners or occupants were not conducted.

6.2 Interviews with State and/or Local Government Officials

Written and on-line requests for environmental records of the Property from State and Local governmental agencies are detailed in Section 4.2.2.

7.0 NON-ASTM SCOPE CONCERNS

In accordance with our contract agreement, Hillmann has conducted cursory evaluations of the following "Non-ASTM Scope Considerations" that are outside of the requirements of the ASTM E1527-13 standard:

7.1 Asbestos-Containing Material (ACM)

There are no buildings on the Property. Therefore, a screening for ACM is not applicable to this assessment.

7.2 Lead-Based Paint

There are no buildings on the Property. Therefore, a screening for lead-based paint is not applicable to this assessment.

7.3 Radon

According to data compiled by the USEPA, as summarized by the EDR Radius Map Report with GeoCheck, the Property is located in an area with a moderate potential for radon concentrations that exceed current USEPA action guidelines. The County of San Bernardino is classified as a Zone 2 or 'moderate risk' area for radon.

7.4 Mold

There are no buildings on the Property. Therefore, a screening for mold and/or microbial growth was not conducted.

7.5 Wetlands

Based on a review of the EDR Radius Map Report with GeoCheck, no NWI mapped wetlands were indicated at the Property.

It is emphasized that the absence of NWI mapped wetland areas indicated by the EDR report does not necessarily rule out the potential presence of regulated wetland areas on or immediately adjoining the Property. A wetland delineation should be sought from a qualified firm if a more comprehensive determination regarding the presence or absence of wetlands on or adjacent to the Property is warranted.

8.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a *property* of the nature, history and setting of the subject *property*. Hillmann has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

_____

David Rutherford
Environmental Professional

9.0 REFERENCES

EDR Aerial Photo Decade Package, Environmental Data Resources, 2014

EDR City Directory Abstract Report, Environmental Data Resources, 2014

EDR Historical Topographic Map Report, Environmental Data Resources, 2014

EDR Radius Map Report with GeoCheck, Environmental Data Resources, 2014

EDR Sanborn Map Report, Environmental Data Resources, 2014

San Bernardino County's On-line Geographical Information System

10.0 APPENDICES

Appendix A	Site Diagram / Vicinity Map
Appendix B	Site Photographs
Appendix C	Questionnaires / User Provided Information
Appendix D	Historical Records Documentation
Appendix E	Regulatory Records Documentation
Appendix F	Other Documents
Appendix G	Project Personnel Qualifications

APPENDIX A

SITE DIAGRAM / VICINITY MAP

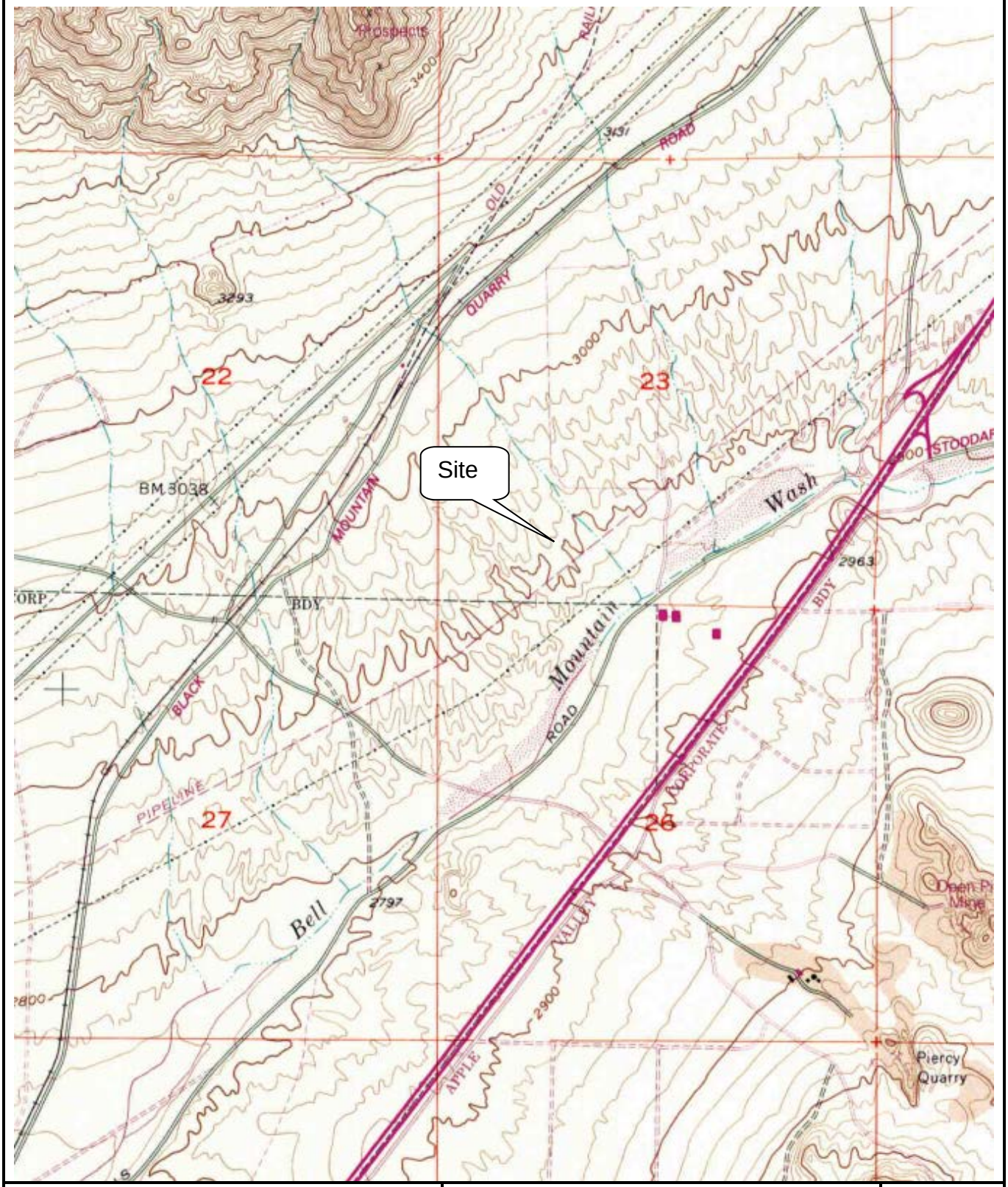


Figure 1: SITE VICINITY MAP	SCALE: (Not to Scale)	N

HILLMANN CONSULTING

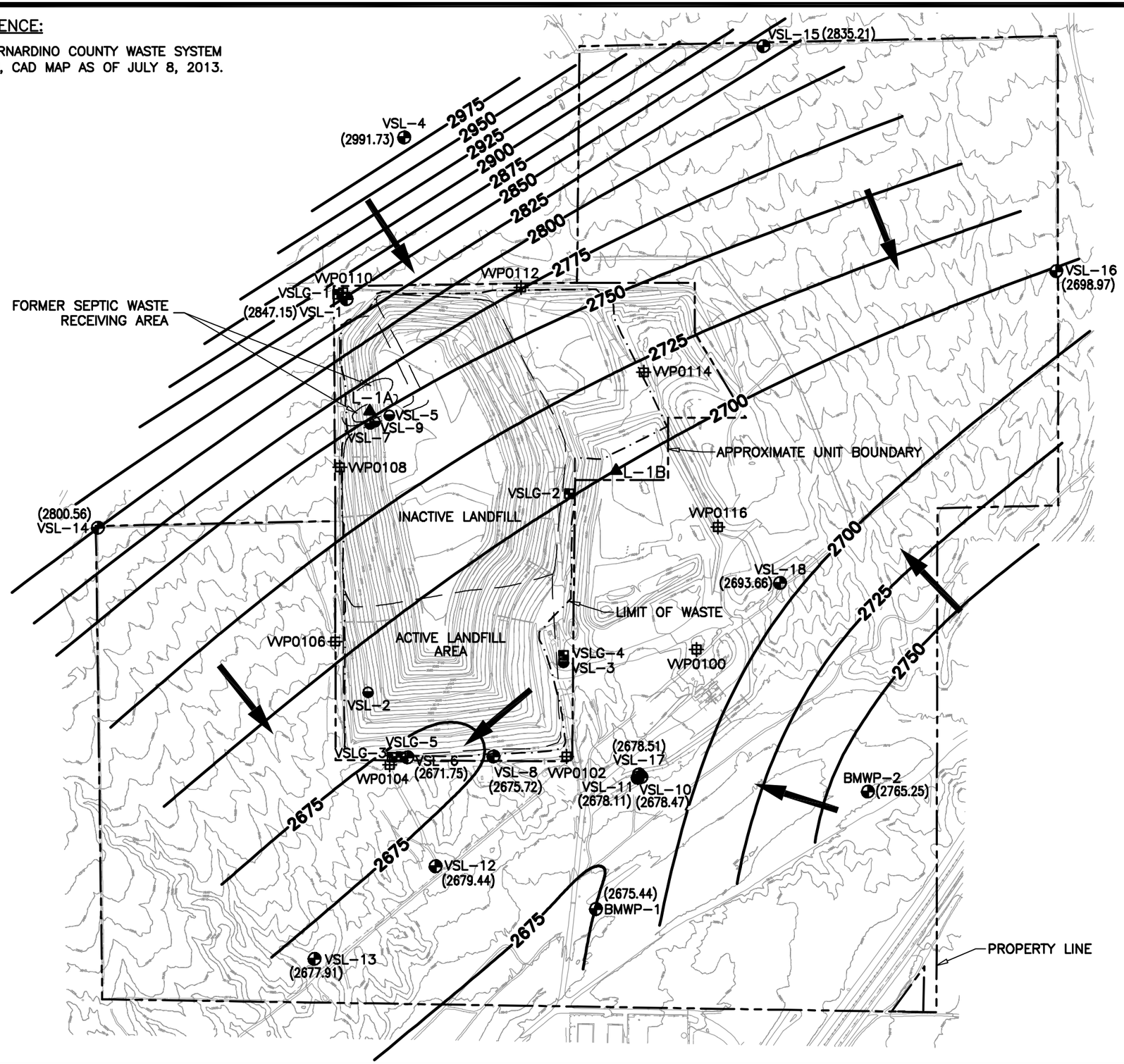
Project Location: 95 Acres of the Victorville Sanitary Landfill
18600 Stoddard Wells Road
Victorville, CA 92394

Project No.: C3-6067

Figure 2: SITE DIAGRAM	SCALE: (Not to Scale)	N
HILLMANN CONSULTING	**Project Location:** 95 Acres of the Victorville Sanitary Landfill 18600 Stoddard Wells Road Victorville, CA 92394 **Project No.:** C3-6067	

REFERENCE:

SAN BERNARDINO COUNTY WASTE SYSTEM DIVISION, CAD MAP AS OF JULY 8, 2013.



EXPLANATION:

VSL-1 (2847.15)	MONITORING WELL LOCATION AND GROUNDWATER ELEVATION (FEET ABOVE MSL)
VSL-3	ABANDONED MONITORING WELL LOCATION
VSLG-1	SOIL-PORE GAS MONITORING PROBE LOCATION
L-1A	LEACHATE MONITORING LOCATION
WP0100	TITLE 27 PERIMETER LANDFILL GAS MONITORING PROBE
	CONTOUR LINE SHOWING GROUNDWATER POTENTIOMETRIC SURFACE ELEVATIONS (CONTOUR INTERVAL = 25 FEET)
	DIRECTION OF GROUNDWATER FLOW

N

GRAPHIC SCALE

600 0 300 600 1200

(IN FEET)

1 inch = 600 ft.

FIGURE 1

APRIL 2014 GROUNDWATER EQUIPOTENTIAL CONTOURS

WATER QUALITY MONITORING REPORT
SECOND QUARTER 2014
VICTORVILLE SANITARY LANDFILL
COUNTY OF SAN BERNARDINO, CA

Geo-Logic ASSOCIATES

DRAWN BY: VL	DATE: JUNE 2014	JOB NO. 2013.0089

APPENDIX B

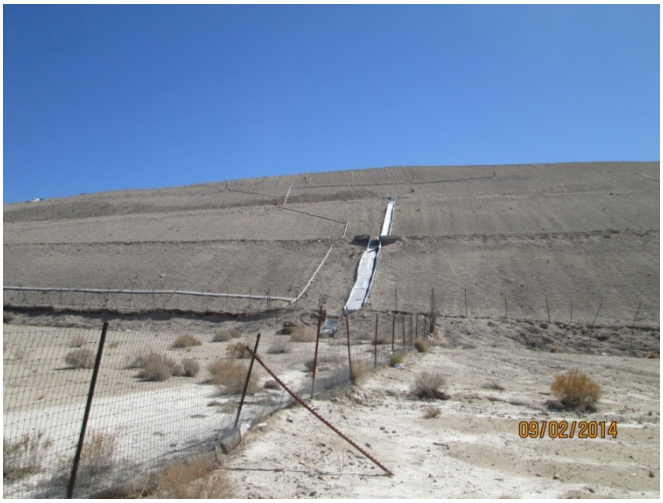
SITE PHOTOGRAPHS

PHOTO LOG
95 Acres at 18600 Stoddard Wells Road
Victorville, California
C3-6067

View of the Property facing southeast

View of the adjacent property to the north

View of the adjacent property to the west



View of the landfill adjacent to the east

View of the methane extraction and burn system adjacent to the east

View of the adjacent property to the south with the high pressure gas pipeline

PHOTO LOG
95 Acres at 18600 Stoddard Wells Road
Victorville, California
C3-6067

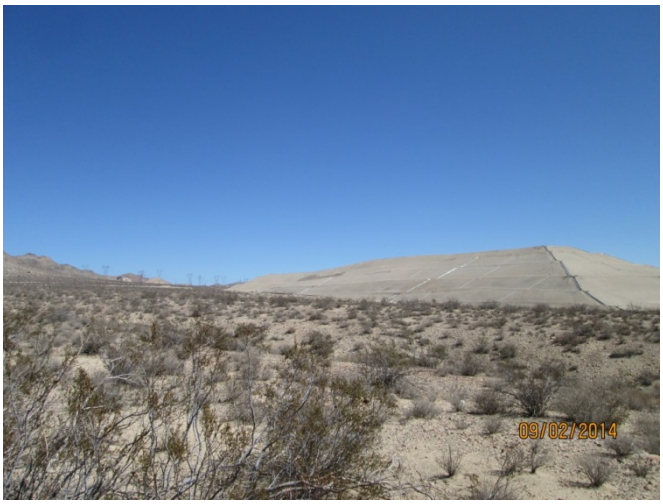
View of the southern portion of the Property

View of monitoring wells at the southern portion of the Property

View of monitoring wells at the southern end of the landfill

View of the monitoring well at the northwest portion of the Property

View of a dried streambed at the Property facing south



View of the Property facing northeast

PHOTO LOG
95 Acres at 18600 Stoddard Wells Road
Victorville, California
C3-6067

View of dumped tires at the Property

View of dumped computer

APPENDIX C

QUESTIONNAIRES/USER PROVIDED INFORMATION

HILLMANN
CONSULTING

ENVIRONMENTAL DUE DILIGENCE – USER QUESTIONNAIRE

For Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the *report user* must provide the following information (if available) to the environmental professional. As per the Brownfields Amendments, failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Please complete the following questionnaire and provide any of the referenced information (if available) to Hillmann.

Respondent Name:	Rafik Albert
Company/Affiliation:	EPD Solutions, Inc.
Address:	2030 Main St., Ste. 1200 Irvine, CA 92614
Response Date:	9/3/14

1. Environmental Cleanup Liens
Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

Yes ☐ *No* ☒

2. Activity and Land Use Limitations
Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes ☐ *No* ☒

3. Specialized Knowledge or Experience
Do you have any specialized knowledge or experiences related to the property, nearby properties, or are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes ☐ *No* ☒

4. Purchase Price vs. Fair Market Value
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Yes ☒ *No* ☐

5. Commonly Known or Reasonably Ascertainable Information
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases?

Yes ☐ *No* ☒

5a. Do you know the past uses of the property?

Yes ☒ *No* ☐ Vacant land; landfill buffer area

5b. Do you know of specific chemicals that are present or were once were present at the property?

Yes ☐ *No* ☒

5c. Do you know of spills or other chemical releases that have taken place at the property?

Yes ☐ *No* ☒

5d. Do you know of any environmental cleanups that have taken place at the property?

Yes ☐ *No* ☒

6. Obviousness of the Presence or Likely Presence of Contamination
As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes ☐ *No* ☒

APPENDIX D

HISTORICAL RECORDS DOCUMENTATION

18600 Stoddard Wells Road
18600 Stoddard Wells Road
Victorville, CA 92394

Inquiry Number: 4038772.9
August 18, 2014

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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

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Date EDR Searched Historical Sources:

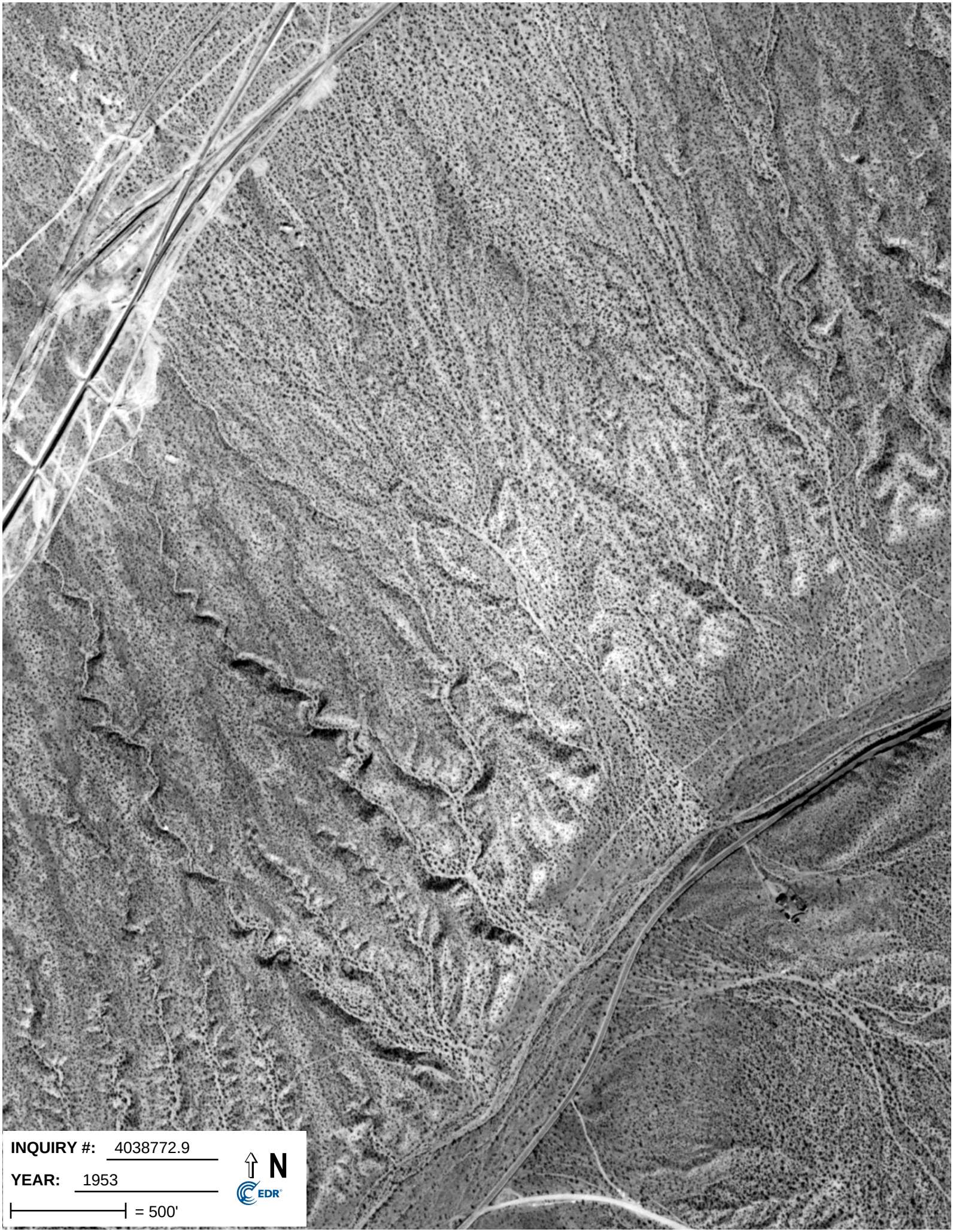
Aerial Photography August 18, 2014

Target Property:

18600 Stoddard Wells Road

Victorville, CA 92394

Year	***Scale***	***Details***	***Source***
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	Southwestern
1968	Aerial Photograph. Scale: 1"=500'	Flight Year: 1968	USGS
1973	Aerial Photograph. Scale: 1"=500'	Flight Year: 1973	Teledyne
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	AMI
1989	Aerial Photograph. Scale: 1"=500'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1994	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP


INQUIRY #: 4038772.9
YEAR: 1953
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 1968
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 1973
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 1980
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 1989
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 1994
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 2005
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 2009
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 2010
= 500'
N
EDR

INQUIRY #: 4038772.9
YEAR: 2012
= 500'
N
EDR

18600 Stoddard Wells Road
18600 Stoddard Wells Road
Victorville, CA 92394

Inquiry Number: 4038772.4
August 18, 2014

EDR Historical Topographic Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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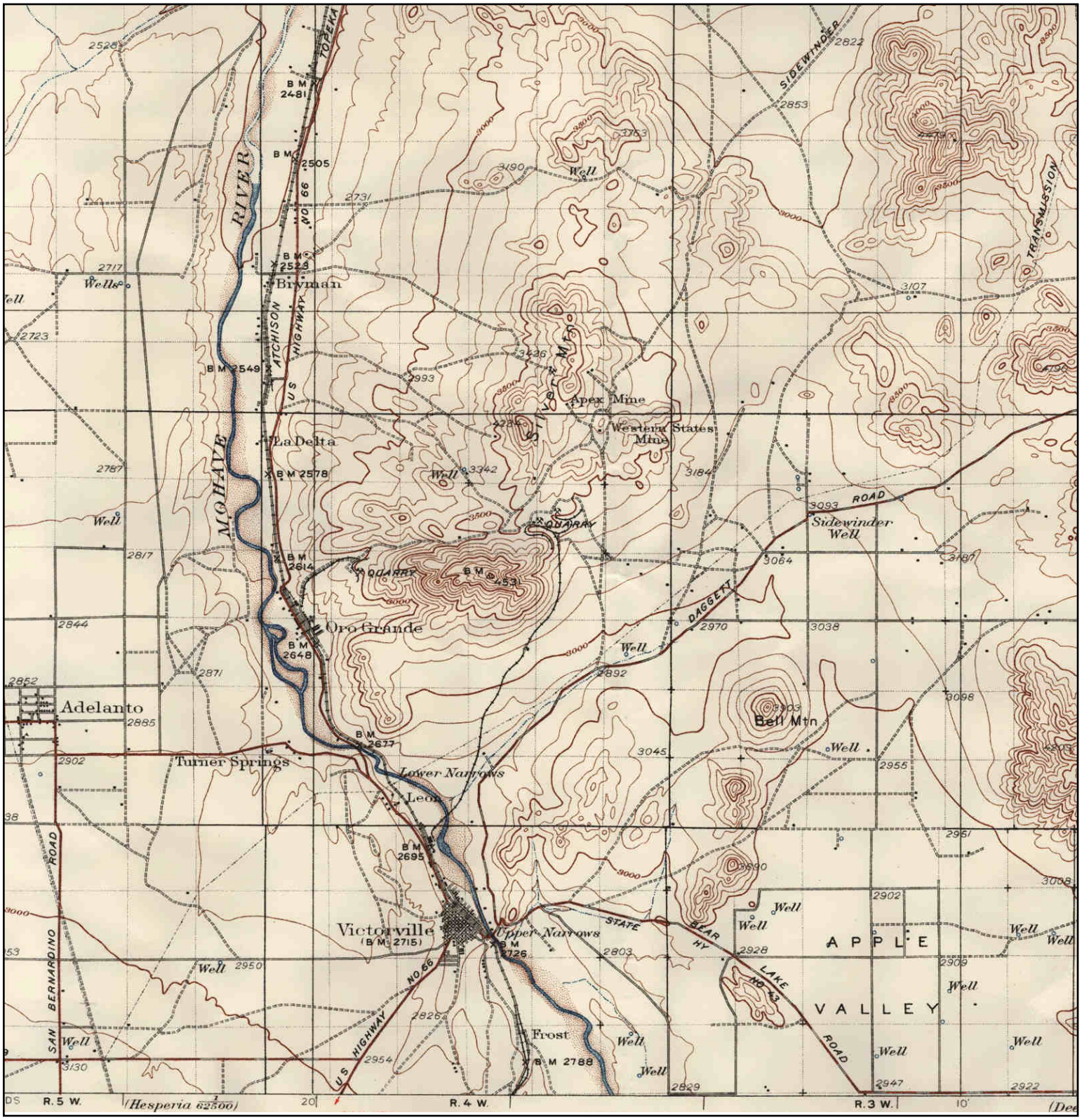
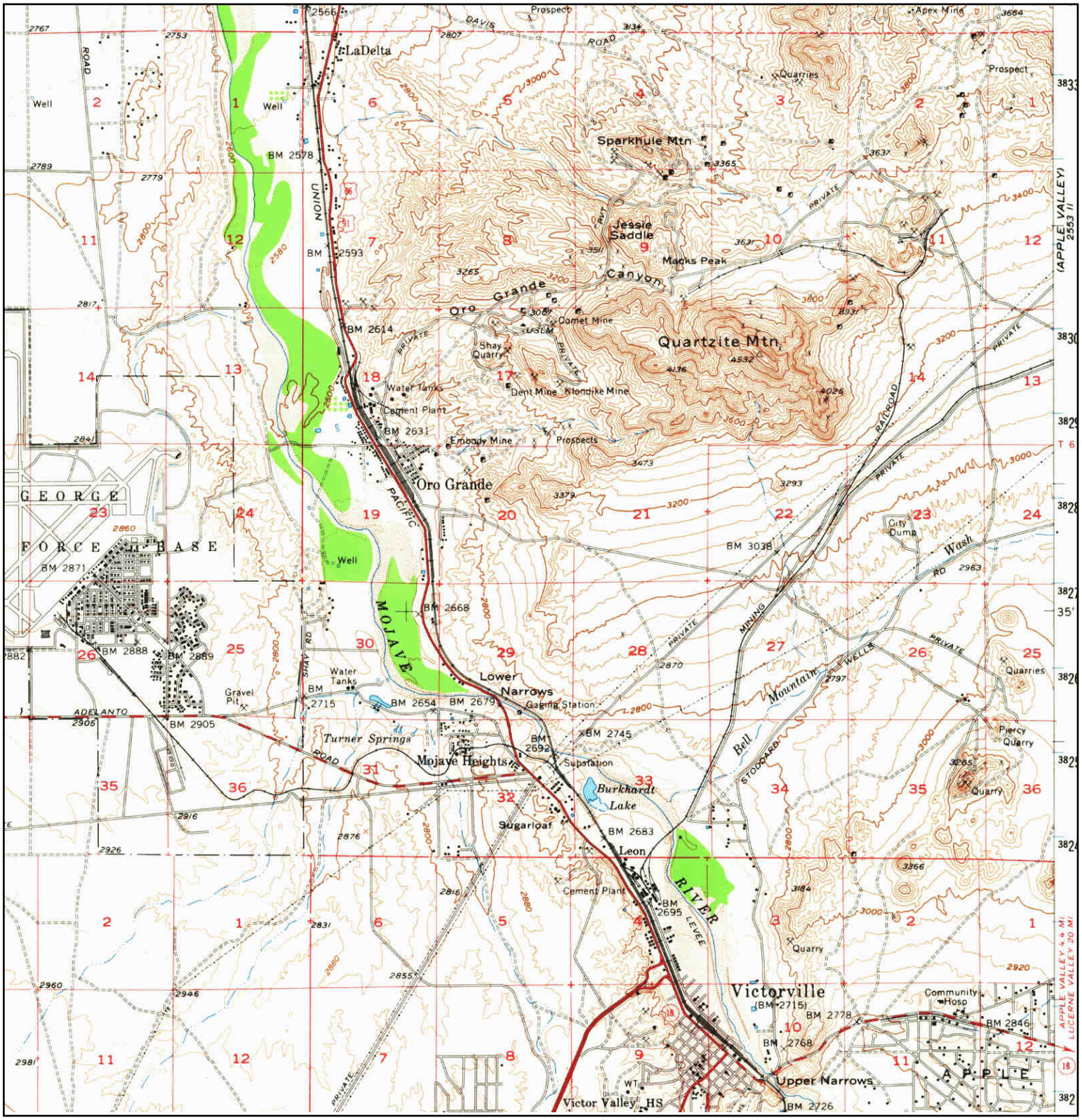
Historical Topographic Map



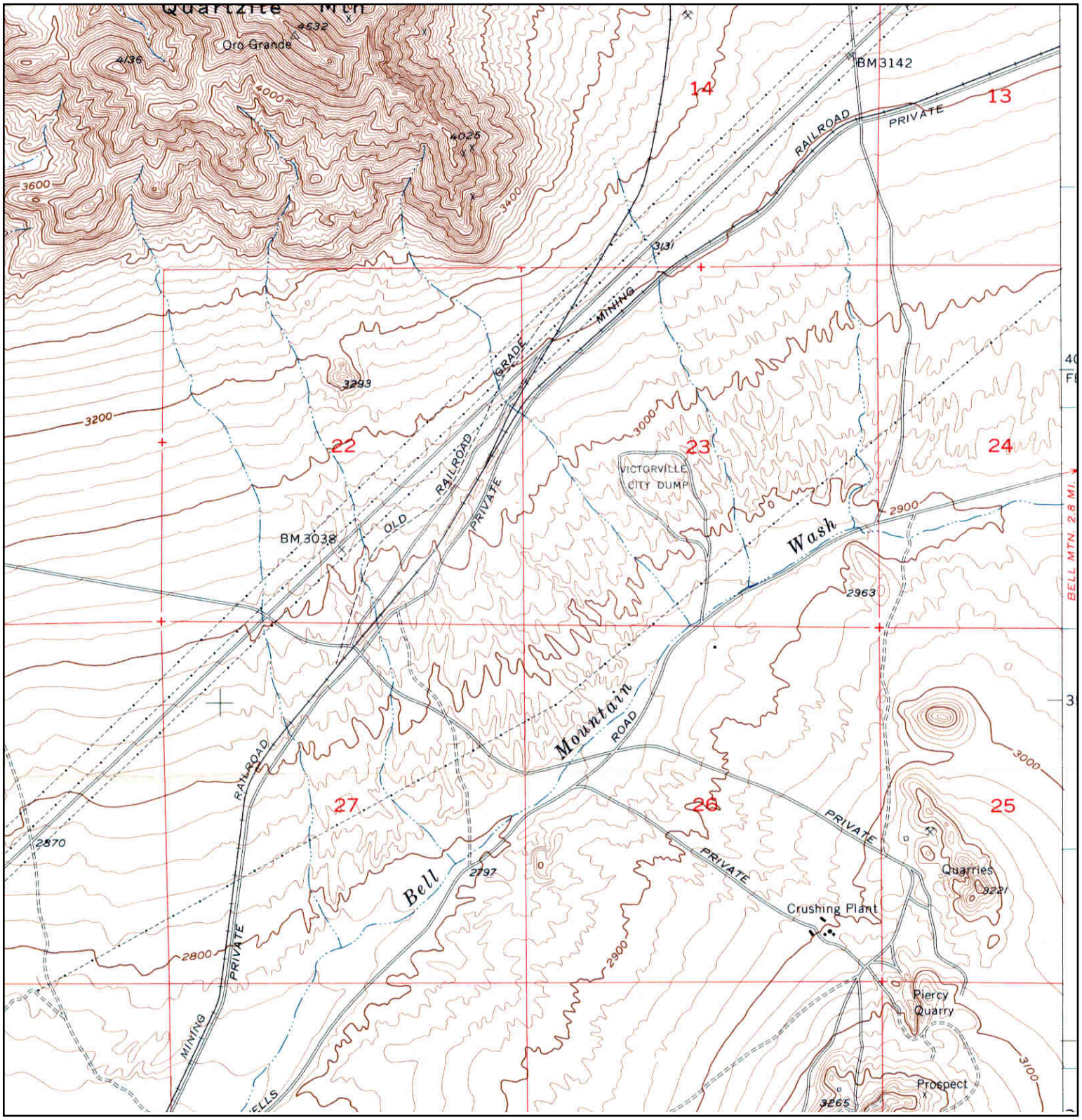
N	TARGET QUAD NAME: BARSTOW MAP YEAR: 1934 SERIES: 30 SCALE: 1:125000	SITE NAME: 18600 Stoddard Wells Road ADDRESS: 18600 Stoddard Wells Road Victorville, CA 92394 LAT/LONG: 34.5891 / -117.2746	CLIENT: Hillmann Environmental Co. CONTACT: Kristine Savona INQUIRY#: 4038772.4 RESEARCH DATE: 08/18/2014

Historical Topographic Map



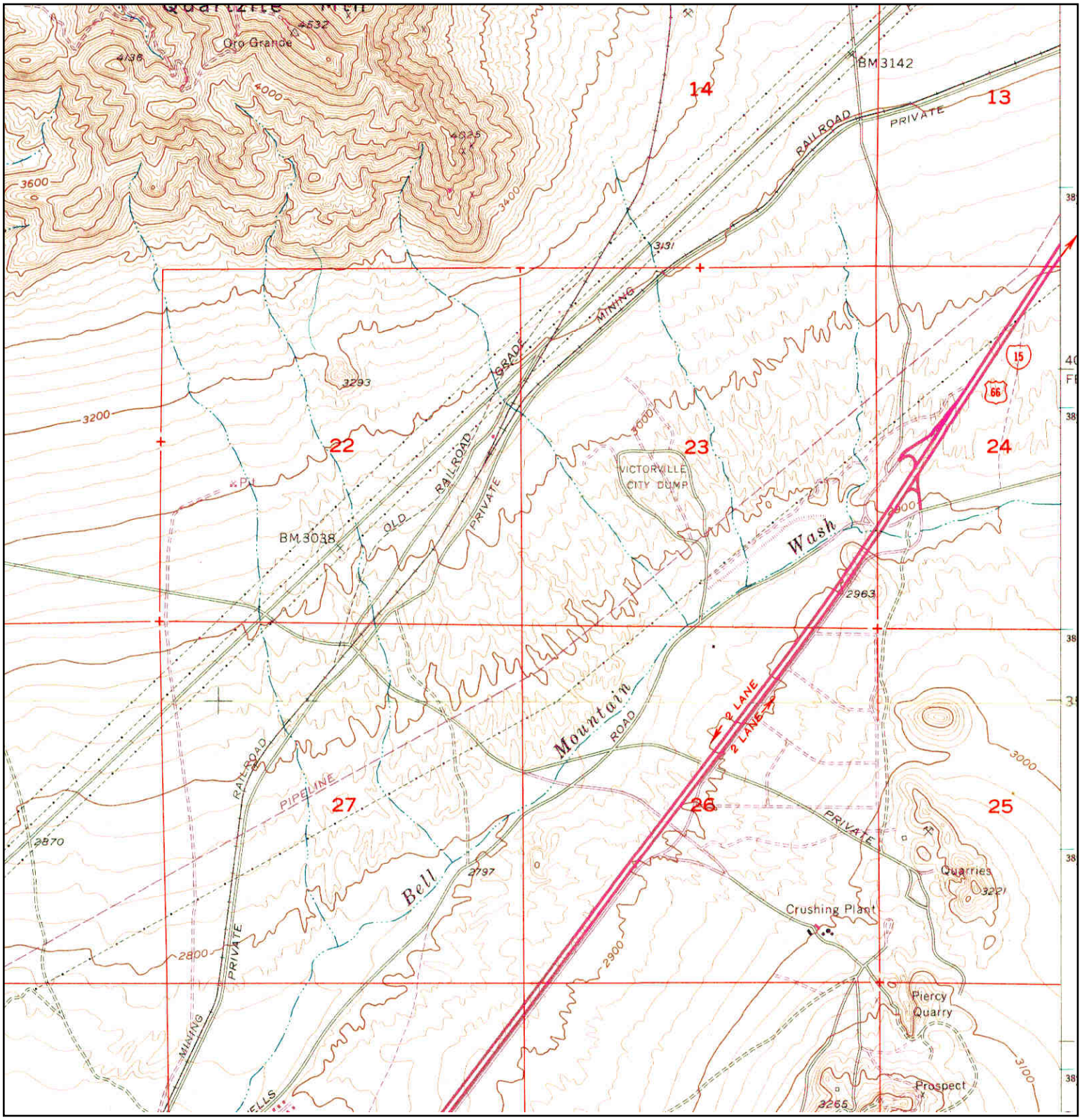
N	TARGET QUAD NAME: VICTORVILLE MAP YEAR: 1956 SERIES: 15 SCALE: 1:62500	SITE NAME: 18600 Stoddard Wells Road ADDRESS: 18600 Stoddard Wells Road Victorville, CA 92394 LAT/LONG: 34.5891 / -117.2746	CLIENT: Hillmann Environmental Co. CONTACT: Kristine Savona INQUIRY#: 4038772.4 RESEARCH DATE: 08/18/2014

Historical Topographic Map



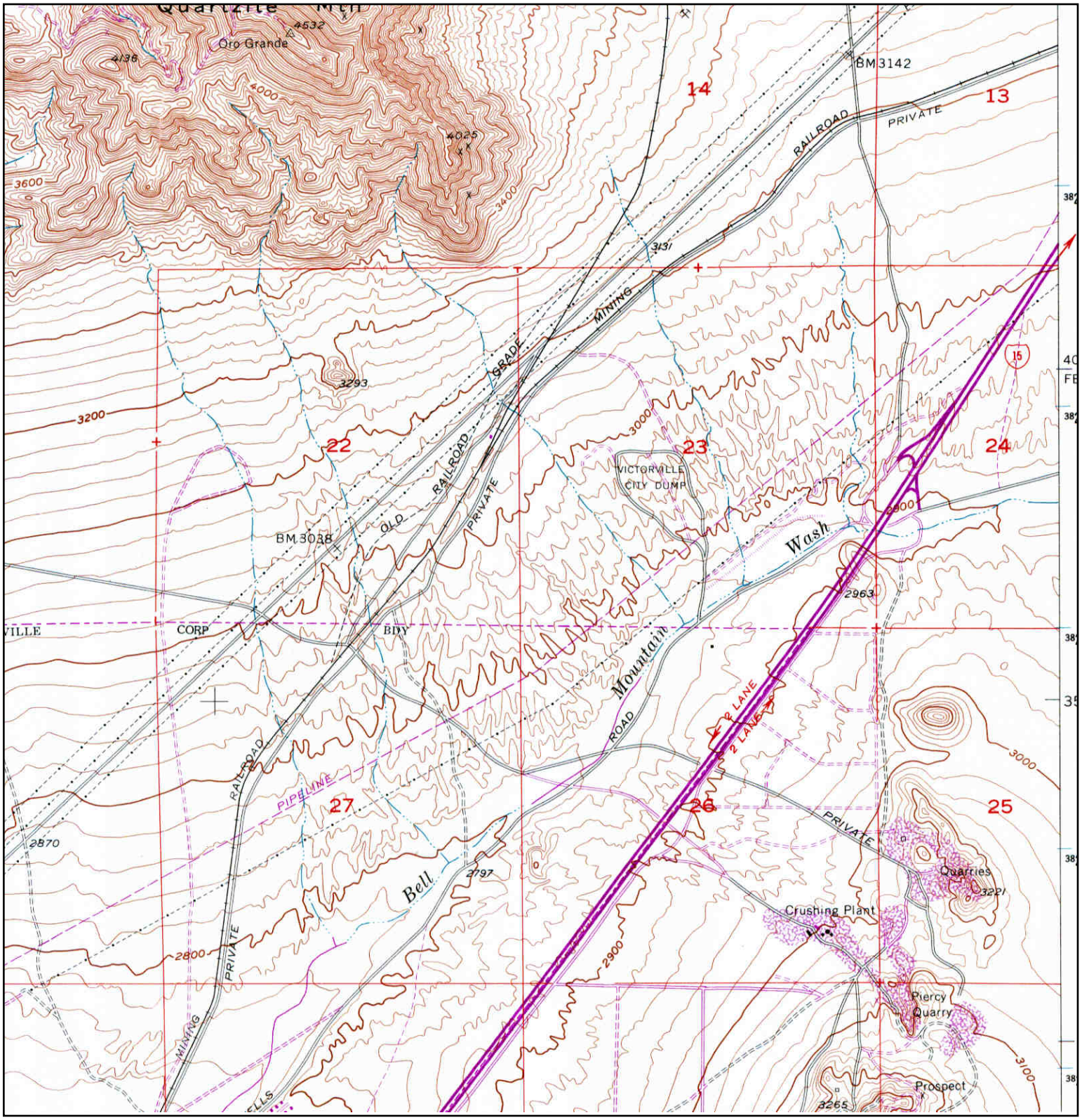
N	TARGET QUAD NAME: VICTORVILLE MAP YEAR: 1956 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 18600 Stoddard Wells Road ADDRESS: 18600 Stoddard Wells Road Victorville, CA 92394 LAT/LONG: 34.5891 / -117.2746	CLIENT: Hillmann Environmental Co. CONTACT: Kristine Savona INQUIRY#: 4038772.4 RESEARCH DATE: 08/18/2014

Historical Topographic Map



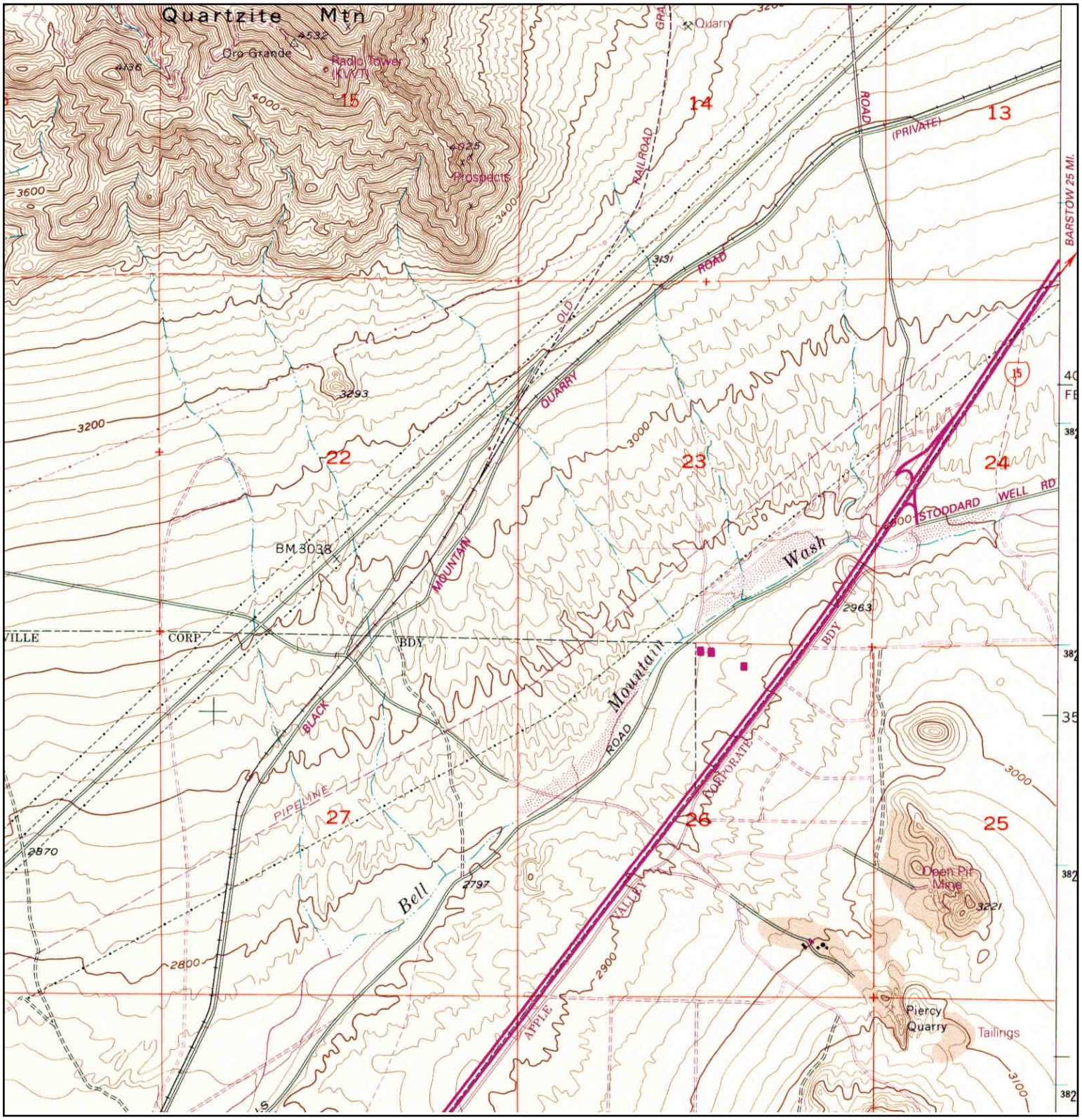
N	TARGET QUAD NAME: VICTORVILLE MAP YEAR: 1968 PHOTOREVISED FROM :1956 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 18600 Stoddard Wells Road ADDRESS: 18600 Stoddard Wells Road Victorville, CA 92394 LAT/LONG: 34.5891 / -117.2746	CLIENT: Hillmann Environmental Co. CONTACT: Kristine Savona INQUIRY#: 4038772.4 RESEARCH DATE: 08/18/2014

Historical Topographic Map



N	TARGET QUAD NAME: VICTORVILLE MAP YEAR: 1981 PHOTOREVISED FROM :1956 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 18600 Stoddard Wells Road ADDRESS: 18600 Stoddard Wells Road Victorville, CA 92394 LAT/LONG: 34.5891 / -117.2746	CLIENT: Hillmann Environmental Co. CONTACT: Kristine Savona INQUIRY#: 4038772.4 RESEARCH DATE: 08/18/2014

Historical Topographic Map



N	TARGET QUAD NAME: VICTORVILLE MAP YEAR: 1993 REVISED FROM :1956 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 18600 Stoddard Wells Road ADDRESS: 18600 Stoddard Wells Road Victorville, CA 92394 LAT/LONG: 34.5891 / -117.2746	CLIENT: Hillmann Environmental Co. CONTACT: Kristine Savona INQUIRY#: 4038772.4 RESEARCH DATE: 08/18/2014

18600 Stoddard Wells Road
18600 Stoddard Wells Road
Victorville, CA 92394

Inquiry Number: 4038772.3
August 15, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

8/15/14

Site Name:
18600 Stoddard Wells Road
18600 Stoddard Wells Road
Victorville, CA 92394

Client Name:
Hillmann Environmental Co.
1745 W Orangewood Avenue
Orange, CA 92868-0000

EDR Inquiry # 4038772.3

Contact: Kristine Savona

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Hillmann Environmental Co. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 18600 Stoddard Wells Road
Address: 18600 Stoddard Wells Road
City, State, Zip: Victorville, CA 92394
Cross Street:
P.O. # NA
Project: C-6067
Certification # 645E-47C0-9901

UNMAPPED PROPERTY

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

Sanborn® Library search results
Certification # 645E-47C0-9901

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

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18600 Stoddard Wells Road
18600 Stoddard Wells Road
Victorville, CA 92394

Inquiry Number: 4038772.5
August 20, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2010	Haines Criss-Cross Directory	-	X	X	-
2005	Haines Criss-Cross Directory	-	X	X	-
2000	Haines Criss-Cross Directory	-	X	X	-
1995	Haines Criss-Cross Directory	-	X	X	-
1990	Haines Criss-Cross Directory	-	X	X	-
1985	Haines Criss-Cross Directory	-	X	X	-
1980	Haines Criss-Cross Directory	-	X	X	-
1975	Haines Criss-Cross Directory	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

18600 Stoddard Wells Road
Victorville, CA 92394

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Stoddard Wells Road

Stoddard Wells Road

Year	Uses	Source
2010	No other addresses in range	Haines Criss-Cross Directory
2005	No other addresses in range	Haines Criss-Cross Directory
2000	No other addresses in range	Haines Criss-Cross Directory
1995	No other addresses in range	Haines Criss-Cross Directory
1990	No other addresses in range	Haines Criss-Cross Directory
1985	No other addresses in range	Haines Criss-Cross Directory
1980	No other addresses in range	Haines Criss-Cross Directory
1975	No other addresses in range	Haines Criss-Cross Directory

17288 Stoddard Wells Road

Year	Uses	Source
2010	Emmanuel Temple Cme Pray	Haines Criss-Cross Directory
	Emmanuel Temple Meth Epscpl Ch	Haines Criss-Cross Directory
2005	Emmanuel Temple Cme Pray	Haines Criss-Cross Directory
	Emmanuel Temple Meth Epscpl Ch	Haines Criss-Cross Directory
2000	Emmanuel Temple Cme	Haines Criss-Cross Directory
	Emmanuel Tmple Christian Ch	Haines Criss-Cross Directory
1995	Emmanuel Temple Ch	Haines Criss-Cross Directory
1990	Emmanuel Tmpl Cme	Haines Criss-Cross Directory
1985	Emmanuel Tmpl Cme	Haines Criss-Cross Directory
1980	Emmanuel Tmpl Ch	Haines Criss-Cross Directory

18321 Stoddard Wells Road

Year	Uses	Source
2010	Hcs Cutler Constr Supplies Inc	Haines Criss-Cross Directory
	Osborne Enterprises	Haines Criss-Cross Directory
2005	Hcs Cutler Constr Supplies Inc	Haines Criss-Cross Directory
	Osborne Enterprises	Haines Criss-Cross Directory
2000	Osborne Tank & Sply Ind Tank Div	Haines Criss-Cross Directory
	Osborne Tank & Supply Aircraft	Haines Criss-Cross Directory
1995	Intrest Equipment	Haines Criss-Cross Directory

FINDINGS

Year	Uses	Source
1995	Osborne Tank & Sply	Haines Criss-Cross Directory
	Osborne Tank & Supply	Haines Criss-Cross Directory
1990	Osborne Tank & Sply	Haines Criss-Cross Directory
	Osborne Tank & Supply	Haines Criss-Cross Directory
1985	Osborne Tank & Supply	Haines Criss-Cross Directory
	Residential	Haines Criss-Cross Directory

18485 Stoddard Wells Road

Year	Uses	Source
2010	Osborne G A Pipe & Supply Inc	Haines Criss-Cross Directory
2005	Osborne G A Pipe & Supply Inc	Haines Criss-Cross Directory
2000	Osborne G A Ppe & Spl	Haines Criss-Cross Directory
	Residential	Haines Criss-Cross Directory
1995	Osborne G Pipe & Sply	Haines Criss-Cross Directory
1990	Osborne G Pipe & Sply	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
18600 Stoddard Wells Road	2010, 2005, 2000, 1995, 1990, 1985, 1980, 1975

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
Stoddard Wells Road	No Years Found
17288 Stoddard Wells Road	1975
18321 Stoddard Wells Road	1980, 1975
18485 Stoddard Wells Road	1985, 1980, 1975

APPENDIX E

REGULATORY RECORDS DOCUMENTATION

18600 Stoddard Wells Road
18600 Stoddard Wells Road
Victorville, CA 92394

Inquiry Number: 04038772.2r
August 18, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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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

18600 STODDARD WELLS ROAD
VICTORVILLE, CA 92394

COORDINATES

Latitude (North):	34.5891000 - 34˚ 35' 20.76''
Longitude (West):	117.2746000 - 117˚ 16' 28.56''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	474817.1
UTM Y (Meters):	3827315.2
Elevation:	2943 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34117-E3 VICTORVILLE, CA
Most Recent Revision:	1993

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120429
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
VICTORVILLE SANITARY LANDFILL 18600 STODDARD WELLS ROAD VICTORVILLE, CA 92392	FINDS	N/A
VICTORVILLE CLASS III LANDFILL STODDARD WELLS RD VICTORVILLE, CA 92392	LDS WDS	N/A
SB CO LANDFILL - VICTORVILLE 18600 STODDARD WELLS ROAD VICTORVILLE, CA 92392	US AIRS	N/A
VICTORVILLE LANDFILL 5 MI N OF VICTORVILLE VICTORVILLE, CA 92394	RCRA-SQG	CAD982495848

EXECUTIVE SUMMARY

SBCO - VICTORVILLE SANITARY LANDF 18600 STODDARD WELLS ROAD VICTORVILLE, CA 92392	SWF/LF NPDES ENF San Bern. Co. Permit EMI Financial Assurance	N/A
VICTORVILLE SANITARY LANDFILL 186 STODDARD WELLS RD VICTORVILLE, CA 92394	WDS	N/A
CNTY SAN BERNARDINO/VICTORVILLE L 18600 STODDARD WELLS RD VICTORVILLE, CA 92394	HAZNET	N/A
VICTORVILLE SANITARY LANDFILL 18600 STODDARD WELLS ROAD VICTORVILLE, CA 92392	EMI	N/A
VICTORVILLE REFUSE DISPOSAL SITE 18600 STODDARD WELLS ROAD VICTORVILLE, CA	RGA LF	N/A
VICTORVILLE SANITARY LANDFILL 18600 STODDARD WELLS ROAD VICTORVILLE, CA	RGA LF	N/A

DATABASES WITH NO MAPPED SITES

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

EXECUTIVE SUMMARY

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-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
SLIC..... Statewide SLIC Cases
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
SWRCY	Recycler Database
HAULERS	Registered Waste Tire Haulers Listing
INDIAN ODI	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 Lists of Registered Storage Tanks

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

Local Land Records

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

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
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
UMTRA	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

EXECUTIVE SUMMARY

PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
CA BOND EXP. PLAN	Bond Expenditure Plan
UIC	UIC Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
HIST CORTESE	Hazardous Waste & Substance Site List
CUPA Listings	CUPA Resources List
Notify 65	Proposition 65 Records
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PRP	Potentially Responsible Parties
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
2020 COR ACTION	2020 Corrective Action Program List
LEAD SMELTERS	Lead Smelter Sites
US FIN ASSUR	Financial Assurance Information
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
COAL ASH DOE	Steam-Electric Plant Operation Data
PROC	Certified Processors Database
EPA WATCH LIST	EPA WATCH LIST
MWMP	Medical Waste Management Program Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

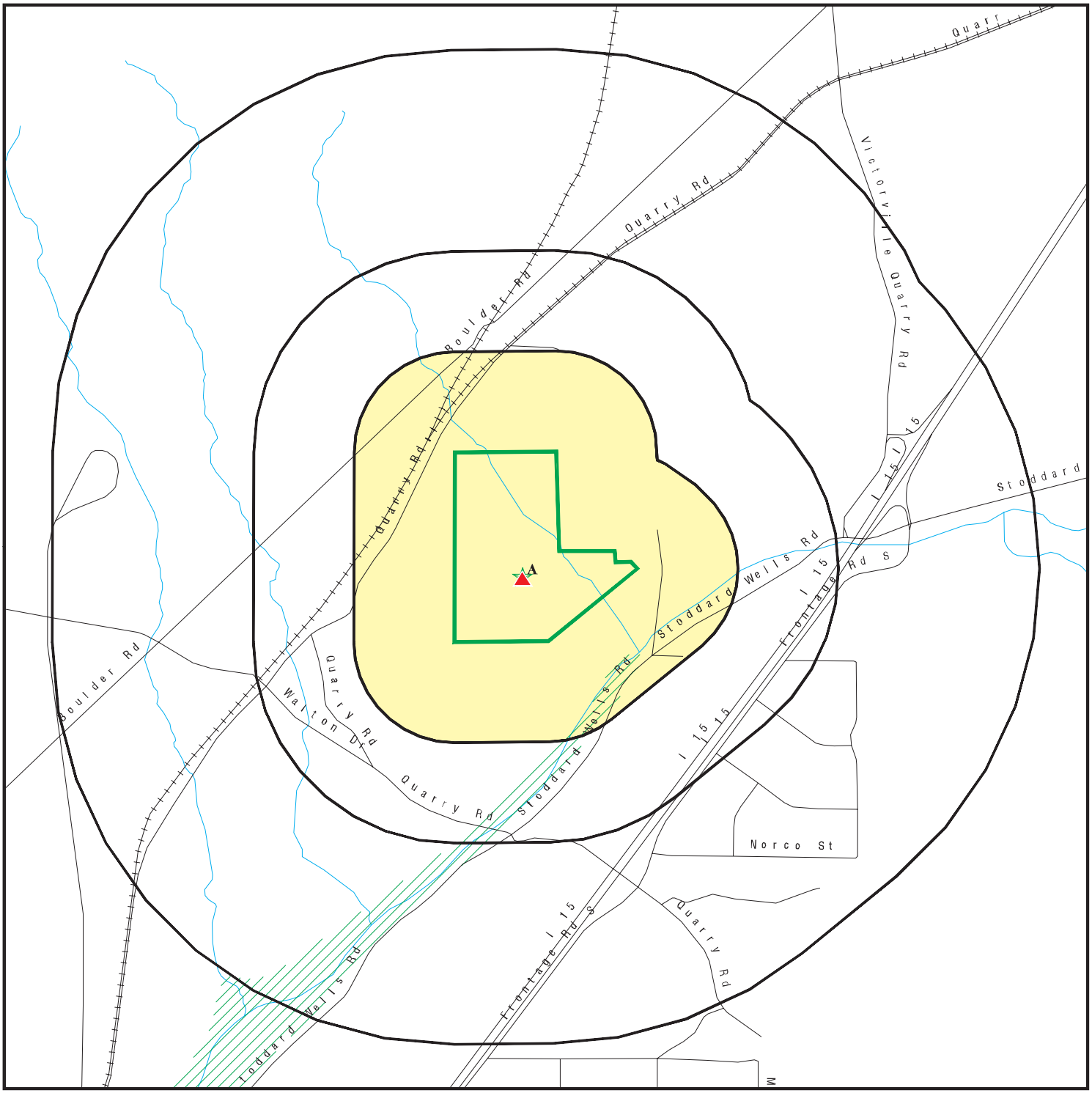
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 39 records.

Site Name	Database(s)
APPLE VALLEY LANDFILL	HIST CORTESE
KELLY'S GENERAL CONTRACTING	SWEEPS UST
VAN'S UNION	CA FID UST, SWEEPS UST
DESERT KNOLLS TEXACO	CA FID UST, SWEEPS UST
CIRCLE K #858	CA FID UST, SWEEPS UST
SEVEN-11 STORE #2131/25984	CA FID UST, SWEEPS UST
ARCO PETROLEUM PROD #1026	CA FID UST, SWEEPS UST
INDUSTRIAL ASPHALT	SWEEPS UST
ARCO #1026	LUST
DIAMOND COLLISION & LUBE	AST, San Bern. Co. Permit
CEMEX CA CEMENT LLC BLACK MOUNTAIN	AST
TARGET STORE NO 2260	RCRA-SQG
TARGET #2260	RCRA-LQG
RITE AID 5687	RCRA-CESQG
RALPHS GROCERY CO #751	San Bern. Co. Permit
PARTS UNLIMITED	San Bern. Co. Permit
DEL TACO #1069	San Bern. Co. Permit
WALGREENS #7948	San Bern. Co. Permit
VERZION WIRELESS APPLE VALLEY SITE	San Bern. Co. Permit
DENNY'S #7272	San Bern. Co. Permit
CALIFORNIA NAT'L GUARD	San Bern. Co. Permit
TARGET #2260	San Bern. Co. Permit
APPLE VALLEY LAWNMOWER	San Bern. Co. Permit
A & A ANY CAR	San Bern. Co. Permit
ROAD RUNNER TIRES & BRAKES	San Bern. Co. Permit
3D SMALL ENGINE	San Bern. Co. Permit
RANCHO DRUGS 1-HOUR PHOTO	San Bern. Co. Permit
B & K AUTOMOTIVE	San Bern. Co. Permit
AUTO ZONE #2844	San Bern. Co. Permit
JOE'S LAWNMOWER SUPPLY	San Bern. Co. Permit
JC AUTO REPAIR & SERVICE	San Bern. Co. Permit
CAR DOCTOR	San Bern. Co. Permit
7-ELEVEN #25984	San Bern. Co. Permit
B & K AUTOMOTIVE	San Bern. Co. Permit
RITE AID #5687	San Bern. Co. Permit
ANIMAL HOSPITAL AT THE NARROW	San Bern. Co. Permit
DESERT VALLEY MEDICAL GROUP	San Bern. Co. Permit
CVS PHARMACY #9311	San Bern. Co. Permit
NEXTEL CELL SITE CA5247	San Bern. Co. Permit

overview MAP - 04038772.2r



0 1/4 1/2 1 Miles

- 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
- 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: 18600 Stoddard Wells Road	CLIENT: Hillmann Environmental Co.
ADDRESS: 18600 Stoddard Wells Road Victorville CA 92394	CONTACT: Kristine Savona INQUIRY #: 04038772.2r
LAT/LONG: 34.5891 / 117.2746	DATE: August 18, 2014 1:24 pm

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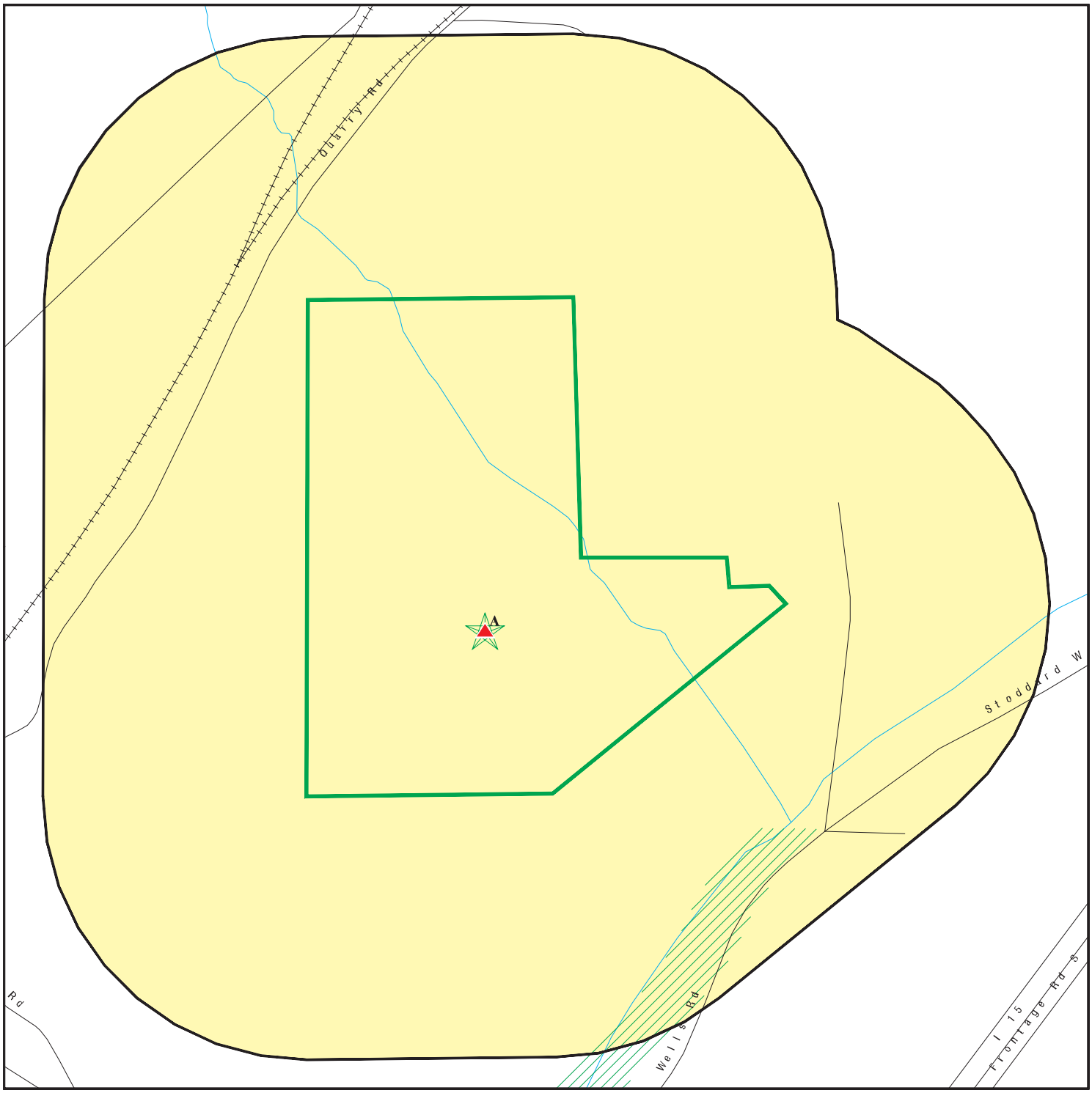
detail MAP - 04038772.2r



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/8 1/4 1/2 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

Areas of Concern

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

SITE NAME: 18600 Stoddard Wells Road	CLIENT: Hillmann Environmental Co.
ADDRESS: 18600 Stoddard Wells Road Victorville CA 92394	CONTACT: Kristine Savona INQUIRY #: 04038772.2r
LAT/LONG: 34.5891 / 117.2746	DATE: August 18, 2014 1:25 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250	1	0	0	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500	1	0	0	0	NR	NR	1
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	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
SLIC	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
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
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP	1	NR	NR	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
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	1	NR	NR	NR	NR	NR	1
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	1	NR	NR	NR	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP	1	NR	NR	NR	NR	NR	1
San Bern. Co. Permit	0.250	1	0	0	NR	NR	NR	1
HAZNET	TP	1	NR	NR	NR	NR	NR	1
EMI	TP	2	NR	NR	NR	NR	NR	2
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US AIRS	TP	1	NR	NR	NR	NR	NR	1
WDS	TP	2	NR	NR	NR	NR	NR	2
PRP	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP	1	NR	NR	NR	NR	NR	1
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	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
PROC	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA LF	TP	2	NR	NR	NR	NR	NR	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **VICTORVILLE SANITARY LANDFILL** | **FINDS** | **1007679339**
18600 STODDARD WELLS ROAD | **N/A**
VICTORVILLE, CA 92392

Site 1 of 10 in cluster A

Actual: 2943 ft.

FINDS:

Registry ID: 110017973004

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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

CASWIS (California Solid Waste Integrating System). California's solid waste facility list that contains information on solid waste facilities, operations, and open and closed disposal sites throughout the state.

A2 Target Property | **VICTORVILLE CLASS III LANDFILL** | **LDS** | **S105255580**
STODDARD WELLS RD | **WDS** | **N/A**
VICTORVILLE, CA 92392

Site 2 of 10 in cluster A

Actual: 2943 ft.

LDS:

Global Id:	L10004389991
Latitude:	34.59297
Longitude:	-117.2712
Case Type:	Land Disposal Site
Status:	Open - Operating
Status Date:	01/01/1965
Lead Agency:	LAHONTAN RWQCB (REGION 6V)
Caseworker:	CCH
Local Agency:	Not reported
RB Case Number:	6B360304025
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Not reported
EDR Link ID:	L10004389991
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

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

CA WDS:

Facility ID:	South Lahontan 360304025
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.

VICTORVILLE CLASS III LANDFILL (Continued) **S105255580**

Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	Not reported
Subregion:	0
Facility Telephone:	9093868775
Facility Contact:	ART RIVERA
Agency Name:	SAN BERNARDINO CO
Agency Address:	222 W HOSPITALITY LN 2ND FL
Agency City,St,Zip:	SAN BERNARDINO 924150017
Agency Contact:	PAUL GLASS
Agency Telephone:	9093868775
Agency Type:	County
SIC Code:	4953
SIC Code 2:	Not reported
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Primary Waste:	SLDWST
Waste Type2:	Not reported
Waste2:	Solid Wastes
Primary Waste Type:	Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

A3 Target Property | **SB CO LANDFILL - VICTORVILLE**
18600 STODDARD WELLS ROAD
VICTORVILLE, CA 92392 | **US AIRS** | **1014677503**
N/A

Site 3 of 10 in cluster A

Actual: 2943 ft.

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110014461420
Plant name:	SB CO LANDFILL - VICTORVILLE
Plant address:	18600 STODDARD WELLS ROAD VICTORVILLE, CA 92392

SB CO LANDFILL - VICTORVILLE (Continued) **1014677503**

County:	SAN BERNARDINO
Region code:	09
Dunn & Bradst #:	Not reported
Air quality cntrl region:	024
Sic code:	9511
Sic code desc:	AIR, WATER, AND SOLID WASTE MANAGEMENT
North Am. industrial classf:	924110
NAIC code description:	Administration of Air and Water Resource and Solid Waste Management Programs
Default compliance status:	UNKNOWN BY EVALUATION CALCULATION (GENERATED VALUE - NOT AVAILABLE FOR INPUT)
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility:	SOURCE OWNED OR OPERATED BY THE COUNTY
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	050531
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	060523
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070706
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080605
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	090601
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	090601
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	091007
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	091007
Penalty amount:	Not reported

SB CO LANDFILL - VICTORVILLE (Continued) **1014677503**

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 100614
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 100614
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110131
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110131
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110331
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 110331
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 110613
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 110613
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120131
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120131
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 120618
Penalty amount: Not reported

Air program: NSPS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

SB CO LANDFILL - VICTORVILLE (Continued) **1014677503**

Date achieved: 120618
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 120618
Penalty amount: Not reported

Air program: NSPS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 130130
Penalty amount: Not reported

Air program: NSPS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130617
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130617
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 130617
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101

SB CO LANDFILL - VICTORVILLE (Continued) **1014677503**

Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

SB CO LANDFILL - VICTORVILLE (Continued) **1014677503**

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

SB CO LANDFILL - VICTORVILLE (Continued) **1014677503**

Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: TITLE V PERMITS

A4 Target Property | **VICTORVILLE LANDFILL**
5 MI N OF VICTORVILLE
VICTORVILLE, CA 92394 | **RCRA-SQG** | **1000455628**
CAD982495848

Site 4 of 10 in cluster A

Actual: 2943 ft.

RCRA-SQG:
Date form received by agency: 08/14/1990
Facility name: VICTORVILLE LANDFILL
Facility address: 5 MI N OF VICTORVILLE
VICTORVILLE, CA 92394
EPA ID: CAD982495848
Mailing address: 621 E CARNEGIE DR STE 270
SAN BERNARDINO, CA 92415
Contact: ENVIRONMENTAL MANAGER
Contact address: 5 MI N OF VICTORVILLE
VICTORVILLE, CA 92394
Contact country: US
Contact telephone: (714) 387-0125
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BUREAU OF LAND MANAGEMENT
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: County

VICTORVILLE LANDFILL (Continued) **1000455628**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

A5
Target Property
Actual: 2943 ft.

SBCO - VICTORVILLE SANITARY LANDFILL
18600 STODDARD WELLS ROAD
VICTORVILLE, CA 92392

Site 5 of 10 in cluster A

SWF/LF **S102042788**
NPDES **N/A**
ENF
San Bern. Co. Permit
EMI
Financial Assurance

SWF/LF (SWIS):
Region: STATE
Facility ID: 36-AA-0045
Lat/Long: 34.5933300 / -117.27
Owner Name: County of San Bernardino S.W. Mgt Div
Owner Telephone: 8007228004
Owner Address: Not reported
Owner Address2: 222 West Hospitality Lane, 2nd Floor
Owner City,St,Zip: San Bernardino, CA 92415
Operational Status: Active
Operator: County of San Bernardino S.W. Mgt Div
Operator Phone: 8007228004
Operator Address: Not reported
Operator Address2: 222 West Hospitality Lane, 2nd Floor
Operator City,St,Zip: San Bernardino, CA 92415
Permit Date: 06/02/2010
Permit Status: Permitted
Permitted Acreage: Not reported
Activity: Chipping and Grinding Activity Fac./ Op.
Regulation Status: Permitted
Landuse Name: Industrial,Desert
GIS Source: Map
Category: Composting
Unit Number: 02
Inspection Frequency: Monthly
Accepted Waste: Green Materials
Closure Date: Not reported
Closure Type: Not reported

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Disposal Acreage:	Not reported
SWIS Num:	36-AA-0045
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported

Region:	STATE
Facility ID:	36-AA-0045
Lat/Long:	34.5933300 / -117.27
Owner Name:	County of San Bernardino S.W. Mgt Div
Owner Telephone:	8007228004
Owner Address:	Not reported
Owner Address2:	222 West Hospitality Lane, 2nd Floor
Owner City,St,Zip:	San Bernardino, CA 92415
Operational Status:	Active
Operator:	County of San Bernardino S.W. Mgt Div
Operator Phone:	8007228004
Operator Address:	Not reported
Operator Address2:	222 West Hospitality Lane, 2nd Floor
Operator City,St,Zip:	San Bernardino, CA 92415
Permit Date:	06/02/2010
Permit Status:	Permitted
Permitted Acreage:	491
Activity:	Solid Waste Landfill
Regulation Status:	Permitted
Landuse Name:	Industrial,Desert
GIS Source:	Map
Category:	Disposal
Unit Number:	01
Inspection Frequency:	Monthly
Accepted Waste:	Agricultural,Ash,Construction/demolition,Dead Animals,Green Materials,Industrial,Mixed municipal,Sludge (BioSolids),Tires,Wood waste
Closure Date:	10/01/2047
Closure Type:	Estimated
Disposal Acreage:	341
SWIS Num:	36-AA-0045
Waste Discharge Requirement Num:	III
Program Type:	BOE Reporting Disposal Facility,Financial Assurance Responsibilities,Remaining Capacity Landfill
Permitted Throughput with Units:	3000
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	83200000
Remaining Capacity:	81510000
Remaining Capacity with Units:	Cubic Yards

Region:	STATE
Facility ID:	36-AA-0045
Lat/Long:	34.5933300 / -117.27
Owner Name:	County of San Bernardino S.W. Mgt Div
Owner Telephone:	8007228004
Owner Address:	Not reported
Owner Address2:	222 West Hospitality Lane, 2nd Floor

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Owner City,St,Zip:	San Bernardino, CA 92415
Operational Status:	Active
Operator:	County of San Bernardino S.W. Mgt Div
Operator Phone:	8007228004
Operator Address:	Not reported
Operator Address2:	222 West Hospitality Lane, 2nd Floor
Operator City,St,Zip:	San Bernardino, CA 92415
Permit Date:	06/02/2010
Permit Status:	Permitted
Permitted Acreage:	Not reported
Activity:	Inert Debris Type A Proc. Operation
Regulation Status:	Permitted
Landuse Name:	Industrial,Desert
GIS Source:	Map
Category:	Transfer/Processing
Unit Number:	03
Inspection Frequency:	Monthly
Accepted Waste:	Construction/demolition
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	36-AA-0045
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	Not reported
Actual Throughput with Units:	Not reported
Permitted Capacity with Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Not reported

NPDES:

Npdes Number:	CAS000002
Facility Status:	Active
Agency Id:	0
Region:	6B
Regulatory Measure Id:	404486
Order No:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	6B36C359364
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/11/2010
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	County of San Bernardino
Discharge Address:	825 E Third Street
Discharge City:	San Bernardino
Discharge State:	California
Discharge Zip:	92415

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	6B
Regulatory Measure Id:	204731
Order No:	97-03-DWQ

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	6B36I005235
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/09/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	County of San Bernardino Solid Waste Management
Discharge Address:	222 W Hospitality Ln Fl 2
Discharge City:	San Bernardino
Discharge State:	California
Discharge Zip:	92415

ENF:

Region:	6B
Facility Id:	270433
Agency Name:	San Bernardino Cnty Waste
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	34.593330000000
Place Longitude:	-117.27
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
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
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:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B360304025
Reg Measure Id:	132702
Reg Measure Type:	WDR
Region:	6B
Order #:	04-027
Npdes# CA#:	Not reported

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/03/2013
Effective Date:	07/27/2004
Expiration/Review Date:	07/27/2015
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:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	394400
Region:	6B
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	12/12/2013
Adoption/Issuance Date:	12/12/2013
Achieve Date:	Not reported
Termination Date:	12/23/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 12/12/2013 for San Bernardino Cnty Waste
Description:	Requested the final spill report/corrective action taken. Final spill report/cleanup information recieved on 12/23/13
Program:	LFOPER
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Region:	6B
Facility Id:	270433
Agency Name:	San Bernardino Cnty Waste
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	34.593330000000
Place Longitude:	-117.27
SIC Code 1:	4953

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

SIC Desc 1:	Refuse Systems
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
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:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B360304025
Reg Measure Id:	132702
Reg Measure Type:	WDR
Region:	6B
Order #:	04-027
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/03/2013
Effective Date:	07/27/2004
Expiration/Review Date:	07/27/2015
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:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	387360
Region:	6B
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	07/13/2012

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Adoption/Issuance Date:	07/13/2012
Achieve Date:	Not reported
Termination Date:	07/13/2012
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Victorville SLF Verbal Enforcement 7/13/2012
Description:	Discharger is requested to submit a spill report by 7/27/2012. Report was submitted on 7/26/2012.
Program:	LFOPER
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	6B
Facility Id:	270433
Agency Name:	San Bernardino Cnty Waste
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	34.593330000000
Place Longitude:	-117.27
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
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
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:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B360304025

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Reg Measure Id:	132702
Reg Measure Type:	WDR
Region:	6B
Order #:	04-027
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/03/2013
Effective Date:	07/27/2004
Expiration/Review Date:	07/27/2015
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:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	387359
Region:	6B
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	09/21/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/21/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360304025
Description:	15 days late<CR>No WDID Number<CR>C.O.C. Not complete<CR>No sample receipt form<CR>No case narrative from lab
Program:	LFOPER
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0
Region:	6B
Facility Id:	270433
Agency Name:	San Bernardino Cnty Waste
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	34.593330000000
Place Longitude:	-117.27
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
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
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:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B360304025
Reg Measure Id:	132702
Reg Measure Type:	WDR
Region:	6B
Order #:	04-027
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/03/2013
Effective Date:	07/27/2004
Expiration/Review Date:	07/27/2015
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:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Enforcement Id(EID):	254012
Region:	6B
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/29/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360304025
Description:	Submit Annual 2004 SMR on 09-30-2005
Program:	LFOPER
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	6B
Facility Id:	270433
Agency Name:	San Bernardino Cnty Waste
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	County Agency
# Of Agencies:	1
Place Latitude:	34.593330000000
Place Longitude:	-117.27
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
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
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:	Reg Meas
Design Flow:	0
Threat To Water Quality:	1
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B360304025
Reg Measure Id:	132702
Reg Measure Type:	WDR
Region:	6B
Order #:	04-027
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/03/2013
Effective Date:	07/27/2004
Expiration/Review Date:	07/27/2015
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:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	243472
Region:	6B
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	09/21/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/21/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360304025
Description:	15 days late<CR>No WDID Number<CR>C.O.C. Not complete<CR>No sample receipt form<CR>No case narrative from lab
Program:	LFOPER
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

San Bern. Co. Permit:
Region: SAN BERNARDINO

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

Facility ID: FA0002393
Owner: SB COUNTY SOLID WASTE
Permit Number: PT0007017
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: ACTIVE
Expiration Date: 05/31/2015

Region: SAN BERNARDINO
Facility ID: FA0002393
Owner: SB COUNTY SOLID WASTE
Permit Number: PT0007018
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 05/31/2015

Region: SAN BERNARDINO
Facility ID: FA0002393
Owner: SB COUNTY SOLID WASTE
Permit Number: PT0033009
Permit Category: CUPA ANNUAL ADMIN PERMIT PROGRAM FEE-LEVEL 2
Facility Status: ACTIVE
Expiration Date: 05/31/2015

EMI:

Year:	2012
County Code:	36
Air Basin:	MD
Facility ID:	102102443
Air District Name:	MOJ
SIC Code:	4953
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.1457727101
Reactive Organic Gases Tons/Yr:	3.145043607
Carbon Monoxide Emissions Tons/Yr:	0.58846496971
NOX - Oxides of Nitrogen Tons/Yr:	1.5989402672
SOX - Oxides of Sulphur Tons/Yr:	0.41444591665
Particulate Matter Tons/Yr:	259.50548377
Part. Matter 10 Micrometers & Smllr Tons/Yr:	71.047549927

CA Financial Assurance 2:

Region:	2
SWIS_NO:	36-AA-0045
Closure Approved:	Yes
Closure Inf Coverage Date:	10/09/2007
Closure Plan Coverage:	44159543
Closure Plan Date:	04/13/2010
PostClose Approved:	Yes
PostClose Adequacy Date:	04/13/2010
PostClose Inf Coverage:	32413658
PostClose Inf Coverage Date:	10/09/2007
CorActCoverage:	0
CorActApproved:	No
CorAct Mec Adequacy Date:	Not reported
CorAct Inf Coverage:	0

SBCO - VICTORVILLE SANITARY LANDFILL (Continued) **S102042788**

CorActPlanCoverage:	0
CorAct Plan Date:	Not reported
Lia Coverage:	1000000
Lia Approved:	Yes
Review:	02/20/2001
Closure Mechanism A:	ENTERPRISE FUND
Closure Mechanism B:	Not reported
Closure Coverage:	44159543
Closure Adequacy:	Not reported
Closure Approved:	Yes
Closure Inflation Estimate:	44159543
Closure Inflation Date:	10/09/2007
Closure Plan Coverage:	44159543
Closure Plan Date:	04/13/2010
Post Closure Mechanism A:	PLEDGE OF REVENUE
Post Closure Established A:	09/27/1994
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	32413658
Post Closure Adequacy:	Not reported
Post Closure Approved:	Yes
Post Close Inflation Estimate:	32413658
Post Closure Inflation Date:	10/09/2007
Post Closure Plan Date:	04/13/2010
Corrective Action Extablished A:	Not reported
Corrective Actiont Coverage:	0
Corrective Action Adequacy:	Not reported
Corrective Action Approved:	No
Corrective Action Inflation Estimate:	0
Corrective Action Inflationdate:	Not reported
Corrective Action Plan Estimate:	0
Corrective Action Plan Date:	Not reported
Liability Mechanism A:	SELF-INS. & RISK MANAGEMENT
Liability Established A:	12/17/1992
Liability Mechanism B:	Not reported
Liability Coverage:	1000000
CostAnniversary:	04/26/2000
ClosureEstablishedA:	04/26/1993
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	Not reported
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActiontDisbursement:	0
LiabilityEstabllishedB:	Not reported
LiabilityAdequacy:	Not reported
Liability Approved:	Yes
Contact:	Not reported

A6 Target Property | **VICTORVILLE SANITARY LANDFILL** | **WDS** | **S105256859**
186 STODDARD WELLS RD | **N/A**
VICTORVILLE, CA 92394

Site 6 of 10 in cluster A

Actual: 2943 ft.

CA WDS:

Facility ID:	South Lahontan 36I005235
Facility Type:	Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	0
Facility Telephone:	9093868701
Facility Contact:	BOB BRADFORD
Agency Name:	SAN BERNARDINO CO
Agency Address:	222 W HOSPITALITY LN 2ND FL
Agency City,St,Zip:	SAN BERNARDINO 924150017
Agency Contact:	PAUL GLASS
Agency Telephone:	9093868775
Agency Type:	County
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

A7 Target Property | **CNTY SAN BERNARDINO/VICTORVILLE LANDFILL** | **HAZNET** | **S113016862**
18600 STODDARD WELLS RD | **N/A**
VICTORVILLE, CA 92394

Site 7 of 10 in cluster A

Actual: 2943 ft.

HAZNET:

Year:	2012
Gepaid:	CAD982495848
Contact:	JOHNNY D. GAYMAN P.E.
Telephone:	9092868697
Mailing Name:	Not reported

CNTY SAN BERNARDINO/VICTORVILLE LANDFILL (Continued) **S113016862**

Mailing Address:	222 W HOSPITALITY LN FL 2
Mailing City,St,Zip:	SAN BERNARDINO, CA 924083200
Gen County:	San Bernardino
TSD EPA ID:	CAD981696420
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Facility County:	San Bernardino

Year:	2010
Gepaid:	CAD982495848
Contact:	JOHNNY D. GAYMAN P.E.
Telephone:	9092868697
Mailing Name:	Not reported
Mailing Address:	222 W HOSPITALITY LN FL 2
Mailing City,St,Zip:	SAN BERNARDINO, CA 924083200
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.85
Facility County:	San Bernardino

Year:	2009
Gepaid:	CAD982495848
Contact:	MARK DVORAK/SUPT.
Telephone:	9093868768
Mailing Name:	Not reported
Mailing Address:	222 W HOSPITALITY LN FL 2
Mailing City,St,Zip:	SAN BERNARDINO, CA 924083200
Gen County:	Not reported
TSD EPA ID:	CAD044429835
TSD County:	Not reported
Waste Category:	Household waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.48
Facility County:	San Bernardino

Year:	2008
Gepaid:	CAD982495848
Contact:	MARK DVORAK/SUPT.
Telephone:	9093868768
Mailing Name:	Not reported
Mailing Address:	222 W HOSPITALITY LN FL 2
Mailing City,St,Zip:	SAN BERNARDINO, CA 924083200
Gen County:	Not reported
TSD EPA ID:	CAD044429835
TSD County:	Not reported
Waste Category:	Household waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3

CNTY SAN BERNARDINO/VICTORVILLE LANDFILL (Continued) **S113016862**

Facility County:	San Bernardino
Year:	2008
Gepaid:	CAD982495848
Contact:	MARK DVORAK/SUPT.
Telephone:	9093868768
Mailing Name:	Not reported
Mailing Address:	222 W HOSPITALITY LN FL 2
Mailing City,St,Zip:	SAN BERNARDINO, CA 924083200
Gen County:	Not reported
TSD EPA ID:	NED981723513
TSD County:	Not reported
Waste Category:	Household waste
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	1.1125
Facility County:	San Bernardino

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

A8 Target Property **VICTORVILLE SANITARY LANDFILL** **EMI** **S113746458**
18600 STODDARD WELLS ROAD **N/A**
VICTORVILLE, CA 92392

Site 8 of 10 in cluster A

Actual: 2943 ft.

EMI:

Year:	2010
County Code:	36
Air Basin:	MD
Facility ID:	102102443
Air District Name:	MOJ
SIC Code:	4953
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.1299574
Reactive Organic Gases Tons/Yr:	0.1299574
Carbon Monoxide Emissions Tons/Yr:	0.48991170000000001
NOX - Oxides of Nitrogen Tons/Yr:	0.3699615
SOX - Oxides of Sulphur Tons/Yr:	0.04213625
Particulate Matter Tons/Yr:	11.203248815789401
Part. Matter 10 Micrometers & Smllr Tons/Yr:	4.2829993999999996
Year:	2011
County Code:	36
Air Basin:	MD
Facility ID:	102102443
Air District Name:	MOJ
SIC Code:	4953
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.1299574
Reactive Organic Gases Tons/Yr:	0.1299574
Carbon Monoxide Emissions Tons/Yr:	0.4899117
NOX - Oxides of Nitrogen Tons/Yr:	0.3699615
SOX - Oxides of Sulphur Tons/Yr:	0.04213625

VICTORVILLE SANITARY LANDFILL (Continued) **S113746458**

Particulate Matter Tons/Yr: 11.203248816
Part. Matter 10 Micrometers & Smllr Tons/Yr: 4.2829994

A9 Target Property **VICTORVILLE REFUSE DISPOSAL SITE** **RGA LF** **S114734048**
18600 STODDARD WELLS ROAD **N/A**
VICTORVILLE, CA

Site 9 of 10 in cluster A

Actual: 2943 ft.

RGA LF:

2002	VICTORVILLE REFUSE DISPOSAL SITE	18600 STODDARD WELLS ROAD

A10 Target Property **VICTORVILLE SANITARY LANDFILL** **RGA LF** **S114734050**
18600 STODDARD WELLS ROAD **N/A**
VICTORVILLE, CA

Site 10 of 10 in cluster A

Actual: 2943 ft.

RGA LF:

2012	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2011	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2010	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2009	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2008	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2007	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2006	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2005	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2004	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD
2003	VICTORVILLE SANITARY LANDFILL	18600 STODDARD WELLS ROAD

Count: 39 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
APPLE VALLEY	S110071612	RALPHS GROCERY CO #751	20220 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S109932883	PARTS UNLIMITED	22353 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S109849283	DEL TACO #1069	20306 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S109433384	WALGREENS #7948	20250 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S109349365	VERZION WIRELESS APPLE VALLEY SITE	18838 HWY 18 STE 16	92307	San Bern. Co. Permit
APPLE VALLEY	S109349310	DENNY'S #7272	20242 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S108742383	CALIFORNIA NAT'L GUARD	17988 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S108724376	TARGET #2260	20288 HIGHWAY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S108419348	APPLE VALLEY LAWNMOWER	22393 HIGHWAY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S108419343	A & A ANY CAR	21969 HIGHWAY 18 STE 4 & 5	92307	San Bern. Co. Permit
APPLE VALLEY	S107592133	ROAD RUNNER TIRES & BRAKES	21969 HWY 18 UNIT 1	92307	San Bern. Co. Permit
APPLE VALLEY	S106928117	KELLY'S GENERAL CONTRACTING	21090 HIGHWAY 18	92307	SWEEPS UST
APPLE VALLEY	S106911201	3D SMALL ENGINE	21969 HWY 18 6&7	92307	San Bern. Co. Permit
APPLE VALLEY	S106911051	RANCHO DRUGS 1-HOUR PHOTO	17798 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S106910702	B & K AUTOMOTIVE	22589 HWY 18 C	92307	San Bern. Co. Permit
APPLE VALLEY	S106910694	AUTO ZONE #2844	20240 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S106717977	JOE'S LAWNMOWER SUPPLY	21969 HWY 18 UNIT 6 & 7	92307	San Bern. Co. Permit
APPLE VALLEY	S106717976	JC AUTO REPAIR & SERVICE	21969 HWY 18 UNIT 1-4	92307	San Bern. Co. Permit
APPLE VALLEY	S106229932	CAR DOCTOR	21969 HWY 18 UNIT 5	92307	San Bern. Co. Permit
APPLE VALLEY	S106176320	7-ELEVEN #25984	17979 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S106112072	DIAMOND COLLISION & LUBE	22050 HWY 18	92307	AST, San Bern. Co. Permit
APPLE VALLEY	S106034529	ARCO #1026	21727 HWY 18	92307	LUST
APPLE VALLEY	S105974171	B & K AUTOMOTIVE	22367 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S105790292	RITE AID #5687	21738 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S105697143	ANIMAL HOSPITAL AT THE NARROW	18107 HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	S105697142	DESERT VALLEY MEDICAL GROUP	18077 HWY 18 STU 200	92307	San Bern. Co. Permit
APPLE VALLEY	S101619192	VAN'S UNION	20230 HIGHWAY 18	92307	CA FID UST, SWEEPS UST
APPLE VALLEY	S101619183	DESERT KNOLLS TEXACO	18285 HIGHWAY 18	92307	CA FID UST, SWEEPS UST
APPLE VALLEY	S101591682	CIRCLE K #858	18727 HIGHWAY 18	92307	CA FID UST, SWEEPS UST
APPLE VALLEY	S101591227	SEVEN-11 STORE #2131/25984	17973 HIGHWAY 18	92307	CA FID UST, SWEEPS UST
APPLE VALLEY	S101590906	ARCO PETROLEUM PROD #1026	21727 HWY 18	92307	CA FID UST, SWEEPS UST
APPLE VALLEY	A100345619	CEMEX CA CEMENT LLC BLACK MOUNTAIN	25220 BLACK MOUNTAIN QUARRY RD	92307	AST
APPLE VALLEY	S105022542	APPLE VALLEY LANDFILL	3 MI E. OF HWY 18 YUCCA L	92307	HIST CORTESE
APPLE VALLEY	1014386943	TARGET #2260	20288 US HIGHWAY 18	92307	RCRA-LQG
APPLE VALLEY	S110496965	CVS PHARMACY #9311	20180 US HWY 18	92307	San Bern. Co. Permit
APPLE VALLEY	1014465366	TARGET STORE NO 2260	20288 US HWY 18	92307	RCRA-SQG
APPLE VALLEY	1014387437	RITE AID 5687	21738 US HWY 18	92307	RCRA-CESQG
ORO GRANDE	S111456372	NEXTEL CELL SITE CA5247	8317 HWY 138	92368	San Bern. Co. Permit
ORO GRANDE	S106927504	INDUSTRIAL ASPHALT	NATIONAL TRAIL HWY	92368	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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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

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

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 07/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/20/2014
	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: 05/29/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/08/2014
	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: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 07/08/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 10/20/2014
	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: 05/29/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
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: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
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: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
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: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
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: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

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: 03/19/2014
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 116

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
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: 03/19/2014
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 116

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
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: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 18

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
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: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/03/2014
Next Scheduled EDR Contact: 07/14/2014
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: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 2

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/20/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/10/2014
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 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 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 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 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

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: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/11/2014
Number of Days to Update: 24

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 04/28/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 47

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 61

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/20/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/24/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 53

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 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: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/12/2014
Date Data Arrived at EDR: 05/12/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 36

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/10/2014
Number of Days to Update: 23

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 09/29/2014
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
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

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: 05/12/2014
Date Data Arrived at EDR: 05/12/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 04/24/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 53

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

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
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

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: 05/12/2014
Date Data Arrived at EDR: 05/14/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 34

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 33

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/28/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 47

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/07/2014
Date Data Arrived at EDR: 05/09/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 39

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 05/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 45

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
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: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
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: 07/01/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 07/03/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/11/2014
Number of Days to Update: 24

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 02/20/2014
Date Made Active in Reports: 03/27/2014
Number of Days to Update: 35

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/17/2014
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
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: No Update Planned

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: 05/28/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 06/05/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 33

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 03/20/2014
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/14/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
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: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/05/2014
Date Data Arrived at EDR: 05/06/2014
Date Made Active in Reports: 05/19/2014
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
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: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 28

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/11/2014
Next Scheduled EDR Contact: 09/22/2014
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: 03/31/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 105

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
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: 02/04/2014
Date Data Arrived at EDR: 04/29/2014
Date Made Active in Reports: 05/09/2014
Number of Days to Update: 10

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/10/2014
Number of Days to Update: 23

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/10/2014
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 09/29/2014
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/22/2014
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: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
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: 06/10/2014
Next Scheduled EDR Contact: 09/22/2014
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: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
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: 01/30/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/06/2014
Next Scheduled EDR Contact: 09/15/2014
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: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/06/2014
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: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
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: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/06/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 10/27/2014
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: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
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: 07/07/2014
Date Data Arrived at EDR: 07/10/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/10/2014
Next Scheduled EDR Contact: 10/20/2014
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: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

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: 04/01/2014
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 01/15/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/20/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 8

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/20/2014
Next Scheduled EDR Contact: 09/01/2014
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: 06/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 27

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
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: 06/17/2014
Next Scheduled EDR Contact: 10/06/2014
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: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/16/2013
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
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: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 41

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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
Date Data Arrived at EDR: 03/25/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 34

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: N/A

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: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

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: 05/19/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 2

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 05/14/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 8

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 03/14/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 47

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/11/2014
Next Scheduled EDR Contact: 09/22/2014
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: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/16/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/10/2014
Number of Days to Update: 23

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/17/2014
Next Scheduled EDR Contact: 09/29/2014
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: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/23/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 26

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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: 07/14/2014
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/15/2014
Next Scheduled EDR Contact: 10/27/2014
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: 05/27/2014
Date Data Arrived at EDR: 05/28/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 40

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/28/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 38

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 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

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
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.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

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 LUST: 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

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.

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

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: 04/22/2014
Date Data Arrived at EDR: 04/24/2014
Date Made Active in Reports: 05/09/2014
Number of Days to Update: 15

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/22/2014
Date Data Arrived at EDR: 04/24/2014
Date Made Active in Reports: 05/12/2014
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/25/2014
Number of Days to Update: 29

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/19/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 07/02/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/30/2014
Number of Days to Update: 27

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
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: 08/08/2014
Next Scheduled EDR Contact: 11/24/2014
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: 02/24/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/05/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 05/05/2014
Date Data Arrived at EDR: 05/06/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 7

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/30/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/05/2014
Next Scheduled EDR Contact: 11/17/2014
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: 03/31/2014
Date Data Arrived at EDR: 04/15/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 16

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/11/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 26

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/28/2014
Date Data Arrived at EDR: 04/30/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 13

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/24/2014
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: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 21

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/22/2014
Date Data Arrived at EDR: 04/24/2014
Date Made Active in Reports: 05/13/2014
Number of Days to Update: 19

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
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: 06/19/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 41

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/21/2014
Date Data Arrived at EDR: 04/22/2014
Date Made Active in Reports: 05/19/2014
Number of Days to Update: 27

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 11/03/2014
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: 08/14/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 02/25/2014
Date Made Active in Reports: 03/25/2014
Number of Days to Update: 28

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/16/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 04/23/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 27

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
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: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/14/2014
Number of Days to Update: 46

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 03/27/2014
Date Made Active in Reports: 04/28/2014
Number of Days to Update: 32

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 06/27/2014
Number of Days to Update: 16

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 34

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/29/2014
Date Made Active in Reports: 06/24/2014
Number of Days to Update: 26

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/13/2014
Date Made Active in Reports: 06/27/2014
Number of Days to Update: 14

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 28

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/15/2014
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: 05/30/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 27

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/14/2014
Date Made Active in Reports: 05/21/2014
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 07/09/2014
Number of Days to Update: 29

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
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: 07/08/2014
Date Data Arrived at EDR: 07/11/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 17

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/23/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/15/2014
Date Data Arrived at EDR: 04/17/2014
Date Made Active in Reports: 05/09/2014
Number of Days to Update: 22

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/23/2014
Next Scheduled EDR Contact: 10/06/2014
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: 02/06/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/11/2014
Next Scheduled EDR Contact: 10/20/2014
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: 05/05/2014
Date Data Arrived at EDR: 07/17/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 11

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 07/07/2014
Number of Days to Update: 38

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
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: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 06/04/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
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: 08/07/2014
Next Scheduled EDR Contact: 11/27/2014
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/20/2014
Date Data Arrived at EDR: 06/23/2014
Date Made Active in Reports: 07/11/2014
Number of Days to Update: 18

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/19/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO 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: 07/09/2014
Number of Days to Update: 26

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/08/2014
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: 04/03/2014
Date Data Arrived at EDR: 04/04/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/16/2014
Date Data Arrived at EDR: 06/19/2014
Date Made Active in Reports: 07/10/2014
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/29/2014
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: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 06/02/2014
Date Data Arrived at EDR: 06/03/2014
Date Made Active in Reports: 06/23/2014
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
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: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/12/2014
Date Data Arrived at EDR: 05/19/2014
Date Made Active in Reports: 05/28/2014
Number of Days to Update: 9

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 05/28/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 23

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 06/20/2014
Number of Days to Update: 8

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/25/2014
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/19/2014
Date Data Arrived at EDR: 06/26/2014
Date Made Active in Reports: 07/25/2014
Number of Days to Update: 29

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
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: 07/01/2014
Date Data Arrived at EDR: 07/03/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 25

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/09/2014
Date Data Arrived at EDR: 06/11/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 36

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/16/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/13/2014
Number of Days to Update: 28

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/28/2014
Date Data Arrived at EDR: 05/20/2014
Date Made Active in Reports: 05/27/2014
Number of Days to Update: 7

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/13/2014
Next Scheduled EDR Contact: 12/01/2014
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: 04/28/2014
Date Data Arrived at EDR: 04/30/2014
Date Made Active in Reports: 05/19/2014
Number of Days to Update: 19

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/27/2014
Date Data Arrived at EDR: 06/17/2014
Date Made Active in Reports: 07/11/2014
Number of Days to Update: 24

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 05/05/2014
Number of Days to Update: 27

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/19/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/19/2014
Number of Days to Update: 28

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/31/2014
Next Scheduled EDR Contact: 11/17/2014
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: 05/23/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 10/27/2014
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: 05/01/2014
Date Data Arrived at EDR: 05/07/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
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: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 08/07/2014
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
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.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

18600 STODDARD WELLS ROAD
18600 STODDARD WELLS ROAD
VICTORVILLE, CA 92394

TARGET PROPERTY COORDINATES

Latitude (North):	34.5891 - 34˚ 35’ 20.76’’
Longitude (West):	117.2746 - 117˚ 16’ 28.56’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	474817.1
UTM Y (Meters):	3827315.2
Elevation:	2943 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34117-E3 VICTORVILLE, CA
Most Recent Revision:	1993

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).

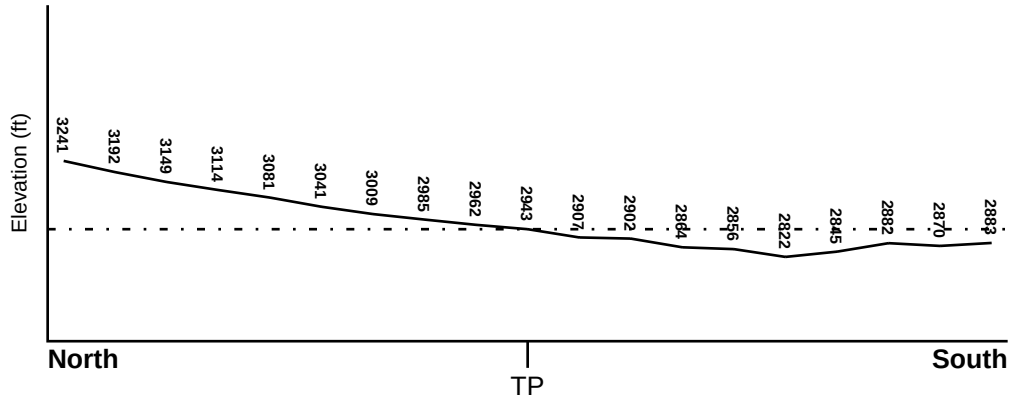
TOPOGRAPHIC INFORMATION

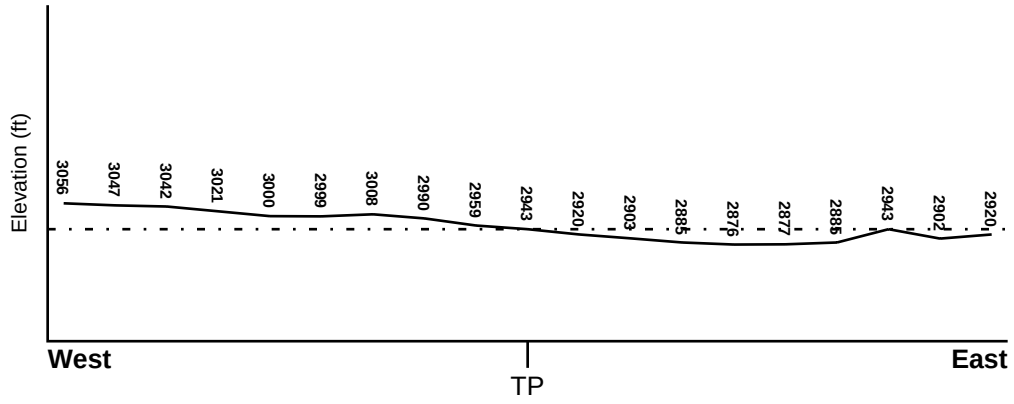
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 2943 ft.

0 1/2 1 Miles

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

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

Flood Plain Panel at Target Property: 06071C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
VICTORVILLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

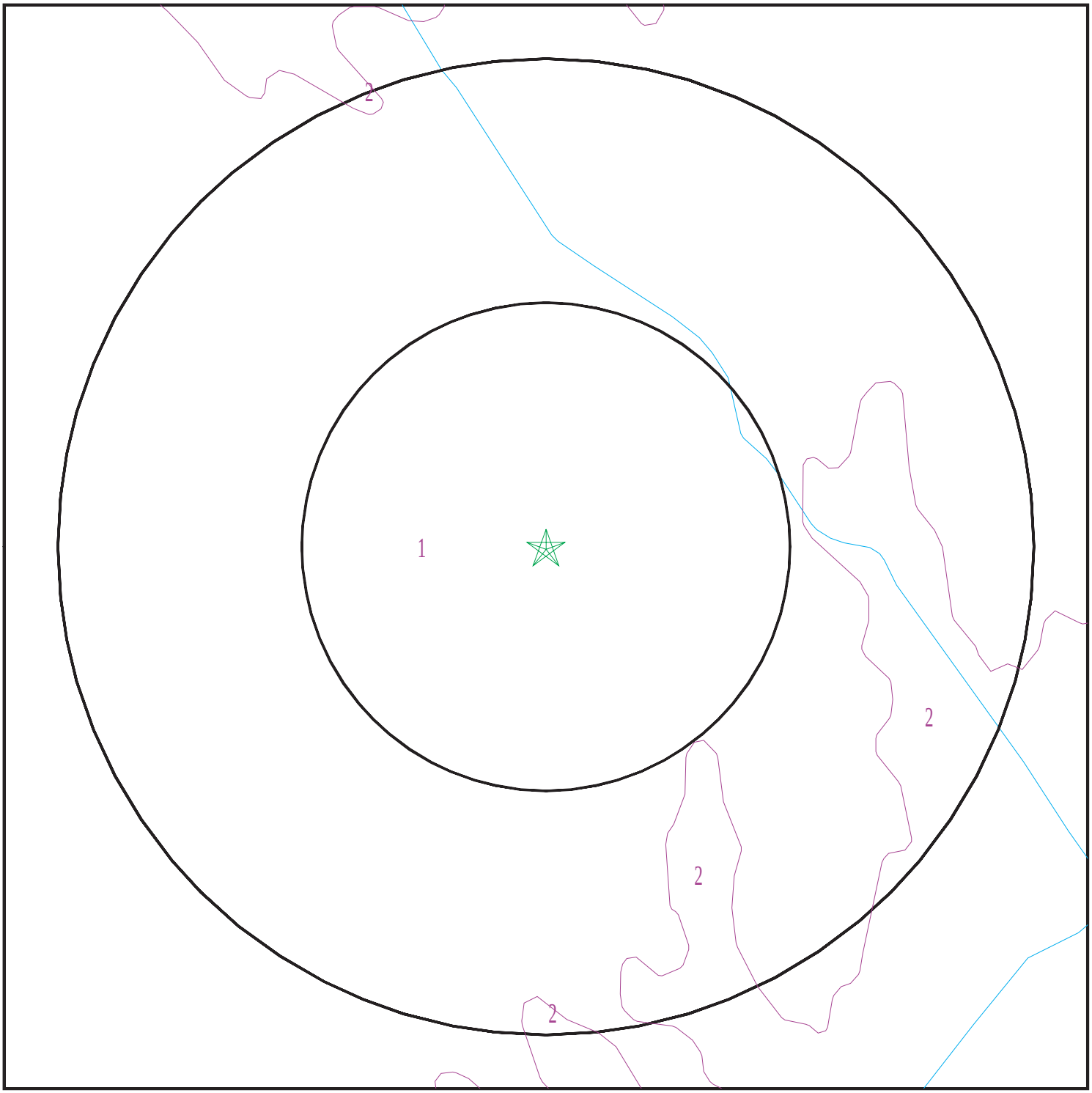
Era:	Paleozoic
System:	Pennsylvanian
Series:	Upper Paleozoic
Code:	uPz *(decoded above as Era, System & Series)*

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).

SSURGO SOIL MAP - 04038772.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: 18600 Stoddard Wells Road ADDRESS: 18600 Stoddard Wells Road Victorville CA 92394 LAT/LONG: 34.5891 / 117.2746	CLIENT: Hillmann Environmental Co. CONTACT: Kristine Savona INQUIRY #: 04038772.2r DATE: August 18, 2014 1:26 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: NEBONA

Soil Surface Texture:
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	1 inches	7 inches		Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
3	7 inches	11 inches		Not reported	Not reported	Max: Min:	Max: Min:
4	11 inches	64 inches		Not reported	Not reported	Max: 42 Min: 14	Max: 9 Min: 7.9

Soil Map ID: 2

Soil Component Name: CAJON

Soil Surface Texture:
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	5 inches	59 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000147502	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

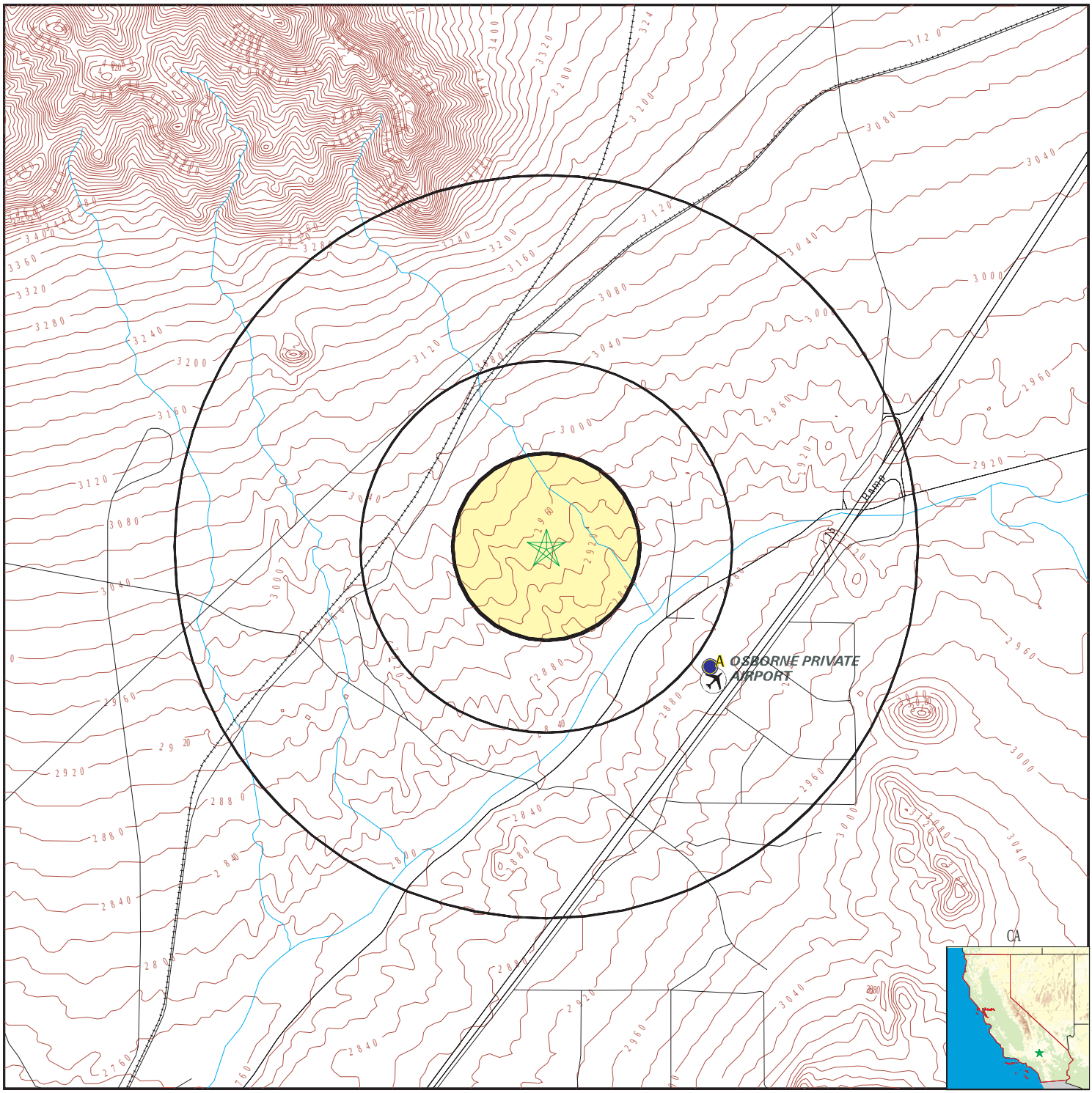
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CADW50000007575	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 04038772.2r



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

N

SITE NAME: 18600 Stoddard Wells Road	CLIENT: Hillmann Environmental Co.
ADDRESS: 18600 Stoddard Wells Road Victorville CA 92394	CONTACT: Kristine Savona INQUIRY #: 04038772.2r
LAT/LONG: 34.5891 / 117.2746	DATE: August 18, 2014 1:25 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADW50000007575**

Latitude :	34.5844		
Longitude :	117.2673		
Site code:	345844N1172673W001	Casgem sta:	06N04W26B001S
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	36		
Basin cd:	6-42	Basin desc:	Upper Mojave River Valley
Org unit n:	Southern Region Office	Site id:	CADW50000007575

A2 **SE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000147502**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-343504117155601		
Monloc name:	006N004W26B001S		
Monloc type:	Well		
Monloc desc:	COMPUTER GENERATED LAT/LONG ACCURATE +/- 500 FT		
Huc code:	18090208	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.5844382
Longitude:	-117.266434	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2870
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Basin and Range basin-fill aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1957-08-30	191.14		1955-09-02	190.20	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 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[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

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

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

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

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

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

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

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

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

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

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APPENDIX F

OTHER DOCUMENTS
(where applicable)

Request Confirmation

Request Information

Tracking Number : *EPA-R9-2014-009603*

Requester Name : Ms. Kristine Savona

Date Submitted : 08/18/2014

Request Status : Submitted

Description :

We would like to request any information your office has regarding any environmental documents, underground storage tanks (USTs) or hazardous materials for the properties listed below. If any records are located, we would like to obtain copies or schedule a file review. If no records are available, please contact me to confirm. Thank you for your assistance.

18600 Stoddard Wells Road
Victorville, CA 92394

HILLMANN
CONSULTING

August 18, 2014

City of Victorville Fire Department
Phone (760) 955-5227
dtrapp@ci.victorville.ca.us

RE: Underground Storage Tank/Hazardous Materials Files:

18600 Stoddard Wells Road
Victorville, CA 92394

Dear Sir/Madam:

Hillmann Consulting, LLC is conducting an environmental investigation of the above referenced property. We would like to know if any environmental files (UST, groundwater, wells, etc.) exist for this property. If any records are located, we would like to obtain copies or schedule a file review. If no records are available, please contact me to confirm. Thank you.

Sincerely,

Sincerely,

Kristine Savona
Office Manager
Hillmann Consulting, LLC
ksavona@Hillmanngroup.com

HILLMANN
CONSULTING

August 18, 2014

State of California
Regional Water Quality Control Board – Lahontan (6v)
Victorville Office
14440 Civic Drive, Suite 200
Victorville, CA 92392
Phone (760) 241-6583
Fax (760) 241-7308
Robin.coale@waterboards.ca.gov

RE: Environmental Files:

18600 Stoddard Wells Road
Victorville, CA 92394

Dear Sir/Madam:

Hillmann Environmental Group, LLC is conducting an environmental investigation of the above referenced property. We would like to know if any environmental files (UST, groundwater, wells, etc.) exist for this property. If any records are located, we would like to obtain copies or schedule a file review. If no records are available, please contact me to confirm. Thank you.

Sincerely,

Kristine Savona
Office Manager
Hillmann Consulting, LLC
ksavona@Hillmanngroup.com

HILLMANN
CONSULTING

August 18, 2014

State of California
Department of Toxic Substances Control
Region 4 – Cypress Regional Office
5796 Corporate Avenue
Cypress, CA 90630-4732
Phone (714) 484-5337
Fax (714) 484-5318
PubReqAct@dtsc.ca.gov

RE: Environmental Files:

18600 Stoddard Wells Road
Victorville, CA 92394

Dear Sir/Madam:

Hillmann Environmental Group, LLC is conducting an environmental investigation of the above referenced property. Under the Freedom of Information Act, we are requesting any information your office has regarding this property. If any records are located, we would like to obtain copies or schedule a file review. If no records are available, please contact me to confirm. Thank you.

Sincerely,

Kristine Savona
Office Manager
Hillmann Consulting, LLC
ksavona@Hillmanngroup.com

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental

Miriam Barcellona Ingenito
Acting Director
5796 Corporate Ave
Cypress, California 90630

Edmund G. Brown Jr.
Governor

August 20, 2014

Mrs. Kristine Savona
Hillmann Consulting
1745 W. Orangewood Ave., Suite 110
Orange, California 92868

VARIOUS SITES
PR4-082014-12

Dear. Mrs. Savona:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

After a thorough review of our files we have found that records exist at this office pertaining to some of the sites/facilities referenced below.

- Yes: Victorville Sanitary Landfill, Stoddard Wells, Victorville
- No: 18600 Stoddard Road, Victorville

We would also like to inform you about Envirostor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request or would like to set an appointment, please contact our Regional Records Coordinator at (714)484-5336.

Sincerely,

Jone Barrio

Jone Barrio
Regional Records Coordinator

Printed on Recycled Paper

Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Deborah O. Raphael, Director
8800 Cal Center Drive
Sacramento, California 95826

Edmund G. Brown Jr.
Governor

August 19, 2014

Ms. Kristine Savona
Hillmann Consultanting, LLC
1745 W. Orangewood Avenue, Suite 110
Orange, California 92868

PR 1-081814-02

Dear Ms. Savona:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control (DTSC).

After a thorough review of our files we have found that no such records exist at this office pertaining to the site/facility referenced below.

- 18600 Stoddard Wells Road, Victorville, CA 92394

However, your request has been forwarded to our Cypress office as they may have records for the facility requested. The contact number for the Cypress file room is (714) 484-5337.

Also, records responsive to your request for the following site may exist within DTSC's E-Waste Unit:

- **18600 Stoddard Wells Road, Victorville, CA 92392**

Your request has been forwarded to the E-waste Unit for further processing. Please contact them by e-mail at electronicwaste@dtsc.ca.gov to follow-up on your request.

In addition, we have found that our **Generator Information Services Section** has manifests for the following site(s):

- *CNTY SAN BERNARDINO/VICTORVILLE LANDFILL, 18600 STODDARD WELLS RD, VICTORVILLE, CA 923940000 (CAD982495848)*

You may obtain information from the Hazardous Waste Tracking System (HWTS) about identification (ID) numbers, hazardous waste handlers, hazardous waste manifest data reported to DTSC and waste produced by these handlers. HWTS can be accessed at: www.hwts.dtsc.ca.gov.
If you need additional information or clarification about the information in HWTS, please call our Telephone Information Center at (800) 618-6942. When you hear the message, press 1 and then 3 to speak with staff.

We would like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions, would like further information regarding your request or would like an appointment to see files located in the Sacramento regional office, please contact me at (916) 255-3758.

Sincerely,

Christopher Hood
Regional Records Coordinator

Facility/Site Summary Details: Victorville Sanitary Landfill (36-AA-0045)

LEA Contact: See the "Local Enforcement Agency (LEA)" information below
CalRecycle Contact: Dianne Ohiosumua (916) 323-0792

Search New Facility

Detail Inspection Enforcement Maps Documents

Identification:		**Local Enforcement Agency (LEA):**
Location:	Victorville Sanitary Landfill 18600 Stoddard Wells Road Victorville, CA 92307	County of San Bernardino Div. of Environmental Health Services 385 N Arrowhead Ave San Bernardino, CA 92415-0160
Latitude:	34.59333	Phone: (800) 442-2283
Longitude:	-117.27	Fax: (909) 387-4323
GIS Confidence:	Map	

US EPA FRS ID: 110017973004

Operator/Business Owner:	**Land Owner(s):**
County of San Bernardino S.W. Mgt Div 222 West Hospitality Lane, 2nd Floor San Bernardino, CA 92415 Phone: (800) 722-8004 Fax: (909) 386-8900	County of San Bernardino S.W. Mgt Div 222 West Hospitality Lane, 2nd Floor San Bernardino, CA 92415 Phone: (800) 722-8004 Fax: (909) 386-8900

Surrounding Land Use:

Industrial, Desert

Permit Details:

Current - Permit or EA Notification Issue Date: **June 2 , 2010 Type: Full** **View Document**

Unit Specifications:

Data Dictionary

Unit: 01

Activity:	Solid Waste Landfill	Inspection Frequency:	Monthly
Classification:	Solid Waste Facility	Max.Permitted Throughput:	3,000.00 Tons/day
Category:	Disposal	Remaining Capacity:	81,510,000 Cubic Yards
Regulatory Status:	Permitted	Remaining Capacity Date:	May 05,

			2009
Operational Status:	Active	Max.Permitted Capacity:	83,200,000 Cubic Yards
Operational Type:	BOE Reporting Disposal Facility, Financial Assurance Responsibilities, Remaining Capacity Landfill	Total Acreage:	491.0000 Acres
Ceased Op Date:	10/01/2047	Disposal Acreage:	341.0000 Acres
Closure Type:	Estimated	WDR Landfill Class:	III
Waste Type:	Agricultural, Ash, Construction/demolition, Dead Animals, Green Materials, Industrial, Mixed municipal, Sludge (BioSolids), Tires, Wood waste		

Unit: 02

Activity:	Chipping and Grinding Activity Fac./ Op.	Inspection Frequency:	Monthly
Classification:	Solid Waste Facility	Max.Permitted Throughput:	00.00 0
Category:	Composting	Permitted Capacity:	00 0
Regulatory Status:	Permitted	Total Acreage:	0.0000 Acres
Operational Status:	Active		
Operational Type:	Not Available		
Closure Date:			
Closure Type:	Not Available		
Waste Type:	Green Materials		

Unit: 03

Activity:	Inert Debris Type A Proc. Operation	Inspection Frequency:	Monthly
Classification:	Solid Waste Operation	Max.Permitted Throughput:	00.00 0
Category:	Transfer/Processing	Permitted Capacity:	00 0
Regulatory Status:	Permitted	Total Acreage:	0.0000 Acres
Operational Status:	Active		
Operational Type:	Not Available		
Closure Date:			
Closure Type:	Not Available		
Waste Type:	Construction/demolition		

Top of Page Page: 1 of 1

Last updated: Data updated continuously.
Solid Waste Information System(SWIS), http://www.CalRecycle.ca.gov/SWFacilities/Directory/
Cody Oquendo, Cody.Oquendo@CalRecycle.ca.gov (916) 341-6719

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AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Date: January 6, 2013

Mr. Robert Legaspi, Project Manager
SCS Field Services, Inc.
9383 Charles Smith Avenue
Rancho Cucamonga, CA 91730

RE: SCSFS – Victorville Landfill / SCS Project Number: 0721307630 / Task# 5
/ VVBFCU02 and VVAFCU02 Soil Samples / December, 2013
/ AccuLabs Report & Work Order Number: 13-12-0010-01 & 02

Dear Mr. Legaspi:

Enclosed was the complete analytical report of the two soil samples collected at Victorville Landfill on December 13, 2013 and received at AccuLabs on December 17, 2013. They were analyzed on December 17, 20, 23 & 26 for varied testing parameters for Hazardous Material Characterization Tests.

Thank you for the opportunity to provide analytical and environmental service to SCSFS.
Please feel free to call me at (626) 447-1888 or (626) 447-1826 if I can be of further assistance to you.

Sincerely,
AccuLabs, Inc.

Ellis Hsue
Laboratory Director

*118 La Porte Street, Unit C & D, * Arcadia, California 91006 * Mailing Address: P.O. Box 660596 *Arcadia, California 91066-0596*
*Tel: (626) 447-1888, 447-1826 * Fax: (626) 447-1841-1299*

AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Date Sampled: 12/13/13	AccuLabs Batch ID: AL-13120010-1 & 2
Sample Site: Victorville Landfill	Date Received: 12/17/13	Date Reported: 01/05/14
Victorville, California	Sample Matrix: Soil	Reporting Units: mg/Kg & pH unit &
Client Name: SCS Field Services		Fahrenheit Degree

General Chemistry Tests

Client ID	VVBFCU02	VVAFCU02	NA	EPA				Date	Qualifiers /
AccuLabs ID	13120010-01	13120010-02	Method Blank	Method	DF	MDL	R.L.	Analyzed	Reporting Unit
Reactive Cyanide	ND	ND	ND	EPA 9010	1	0.50	0.10	12/20/13	mg/Kg
Reactive Sulfide	ND	ND	ND	EPA 9040	1	0.50	0.10	12/20/13	mg/Kg
Flash Point - Ignitability	> 220 ^{0}F	> 220 ^{0}F	> 220 ^{0}F	EPA 1010	1	1.0 ^{0}F	2.0 ^{0}F	12/17/13	Fahrenheit Degree
pH Measurement	7.24	7.76	7.08	EPA 9045	1	0.01	0.01	12/17/13	pH unit

Key:MDL = Method Detection Limit RL = Reporting Limit J =Trace Conc. between MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. =F ield Blank E.B.= Equipment Blank

AccuLabs, Inc.

Ellis Hsue
Laboratory Director

AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consulation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Date Sampled: 12/13/13	AccuLabs Batch ID: AL-13120010
Sample Site: Victorville Landfill	Date Received: 12/17/13	Date Digested: 12/19/13
Victorville, California	Sample Matrix: Soil	Date Reported: 01/05/14
Client Name: SCS Field Services		Reporting Unit: mg/Kg

RCRA 8 Metals by EPA 6010B & EPA 7471A (Mercury)

Client ID	VVBFCU02	VVAFCU02	NA				Date
AccuLabs ID	13120010-01	13120010-02	Method Blank	DF	MDL	R.L.	Analyzed
Arsenic	ND	ND	ND	1	0.20	0.50	12/19/13
Barium	**63.6**	**46.1**	ND	1	1.0	2.0	12/19/13
Cadmium	ND	ND	ND	1	1.0	2.0	12/19/13
Chromium	**9.90**	**7.20**	ND	1	1.0	2.0	12/19/13
Lead	**6.90**	**6.40**	ND	1	1.0	2.0	12/19/13
Selenium	ND	ND	ND	1	0.20	0.50	12/19/13
Silver	ND	ND	ND	1	1.0	2.0	12/19/13
Mercury	ND	ND	ND	1	0.010	0.050	12/19/13

Key: MDL = Method Detection Limit RL = Reporting Limit J = Trace Conc. between MDL and RL M.B. = Method Blank
T.B.= Trip Blank F.B. = Field Blank E.B. = Equipment Blank

AccuLabs, Inc.

Ellis Hsue
Laboratory Director

AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consulation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVBFCU02	AccuLabs ID: AL-13120010-01
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Organochlorine Pesticides by EPA 8081A

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
4,4,-DDD	8081A	13120010	1.66	5.0	ND	1	12/19/13	12/26/13	
4,4-DDE	8081A	13120010	2.26	5.0	ND	1	12/19/13	12/26/13	
4,4-DDT	8081A	13120010	1.31	5.0	ND	1	12/19/13	12/26/13	
Aldrin	8081A	13120010	1.36	5.0	ND	1	12/19/13	12/26/13	
alpha-BHC	8081A	13120010	2.36	5.0	ND	1	12/19/13	12/26/13	
alpha-Chlordane	8081A	13120010	1.75	5.0	ND	1	12/19/13	12/26/13	
beta-BHC	8081A	13120010	1.11	5.0	ND	1	12/19/13	12/26/13	
gamma-Chlordane	8081A	13120010	1.68	5.0	ND	1	12/19/13	12/26/13	
delta-BHC	8081A	13120010	1.27	5.0	ND	1	12/19/13	12/26/13	
Dieldrin	8081A	13120010	1.20	5.0	ND	1	12/19/13	12/26/13	
DieldrinEndosulfane I	8081A	13120010	1.09	5.0	ND	1	12/19/13	12/26/13	
Endosulfane II	8081A	13120010	1.25	5.0	ND	1	12/19/13	12/26/13	
Endosulfane suldfate	8081A	13120010	2.24	5.0	ND	1	12/19/13	12/26/13	
Endrin	8081A	13120010	1.84	5.0	ND	1	12/19/13	12/26/13	
Endrin aldehyde	8081A	13120010	2.05	5.0	ND	1	12/19/13	12/26/13	
Endrin ketone	8081A	13120010	1.81	5.0	ND	1	12/19/13	12/26/13	
gamma-BHC	8081A	13120010	1.12	5.0	ND	1	12/19/13	12/26/13	
Heptachlor	8081A	13120010	1.65	5.0	ND	1	12/19/13	12/26/13	
Heptachlor epoxide	8081A	13120010	1.71	5.0	ND	1	12/19/13	12/26/13	
Methoxychlor	8081A	13120010	7.36	20	ND	1	12/19/13	12/26/13	
Technical Chlordane	8081A	13120010	9.85	25	ND	1	12/19/13	12/26/13	
Toxaphene	8081A	13120010	35.9	100	ND	1	12/19/13	12/26/13	
					QC Limit				
Surrogate I: Decachlorobiphenyl	% Rec.		105		60-120				
Surrogate II: Tetrachloro-m-xylene	% Rec.		101		60-120				

Key: MDL= Method Detection Limit RL= Reporting Limit J =Trace Conc. between MDL and RL M.B.= Method Blank T.B.= Trip Blank F.B. =Field Blank E.B. = Equipment Blank

AccuLabs, Inc.

Ellis Hsue
Laboratory Director

AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consulation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVAFCU02	AccuLabs ID: AL-13120010-02
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Ottawa Sand	

Organochlorine Pesticides by EPA 8081A

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
4,4,-DDD	8081A	13120010	1.66	5.0	ND	1	12/19/13	12/26/13	
4,4-DDE	8081A	13120010	2.26	5.0	ND	1	12/19/13	12/26/13	
4,4-DDT	8081A	13120010	1.31	5.0	ND	1	12/19/13	12/26/13	
Aldrin	8081A	13120010	1.36	5.0	ND	1	12/19/13	12/26/13	
alpha-BHC	8081A	13120010	2.36	5.0	ND	1	12/19/13	12/26/13	
alpha-Chlordane	8081A	13120010	1.75	5.0	ND	1	12/19/13	12/26/13	
beta-BHC	8081A	13120010	1.11	5.0	ND	1	12/19/13	12/26/13	
gamma-Chlordane	8081A	13120010	1.68	5.0	ND	1	12/19/13	12/26/13	
delta-BHC	8081A	13120010	1.27	5.0	ND	1	12/19/13	12/26/13	
Dieldrin	8081A	13120010	1.20	5.0	ND	1	12/19/13	12/26/13	
DieldrinEndosulfane I	8081A	13120010	1.09	5.0	ND	1	12/19/13	12/26/13	
Endosulfane II	8081A	13120010	1.25	5.0	ND	1	12/19/13	12/26/13	
Endosulfane suldfate	8081A	13120010	2.24	5.0	ND	1	12/19/13	12/26/13	
Endrin	8081A	13120010	1.84	5.0	ND	1	12/19/13	12/26/13	
Endrin aldehyde	8081A	13120010	2.05	5.0	ND	1	12/19/13	12/26/13	
Endrin ketone	8081A	13120010	1.81	5.0	ND	1	12/19/13	12/26/13	
gamma-BHC	8081A	13120010	1.12	5.0	ND	1	12/19/13	12/26/13	
Heptachlor	8081A	13120010	1.65	5.0	ND	1	12/19/13	12/26/13	
Heptachlor epoxide	8081A	13120010	1.71	5.0	ND	1	12/19/13	12/26/13	
Methoxychlor	8081A	13120010	7.36	20	ND	1	12/19/13	12/26/13	
Technical Chlordane	8081A	13120010	9.85	25	ND	1	12/19/13	12/26/13	
Toxaphene	8081A	13120010	35.9	100	ND	1	12/19/13	12/26/13	
					QC Limit				
Surrogate I: Decachlorobiphenyl	% Rec.		93.2		60-120				
Surrogate II: Tetrachloro-m-xylene	% Rec.		90.4		60-120				

Key: MDL= Method Detection Limit RL= Reporting Limit J =Trace Conc. between MDL and RL M.B.= Method Blank T.B.= Trip Blank F.B. =Field Blank E.B. = Equipment Blank

AccuLabs, Inc.

Ellis Hsue
Laboratory Director

AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consulation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: Method Blank	AccuLabs ID: 12262013-Pest-MB
Sample Site: Victorville Landfill	Date Sampled: NA	Date Reported: 01/05/14
Victorville, California	Date Received: NA	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Ottawa Sand	

Organochlorine Pesticides by EPA 8081A

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
4,4,-DDD	8081A	13120010	1.66	5.0	ND	1	12/19/13	12/26/13	
4,4-DDE	8081A	13120010	2.26	5.0	ND	1	12/19/13	12/26/13	
4,4-DDT	8081A	13120010	1.31	5.0	ND	1	12/19/13	12/26/13	
Aldrin	8081A	13120010	1.36	5.0	ND	1	12/19/13	12/26/13	
alpha-BHC	8081A	13120010	2.36	5.0	ND	1	12/19/13	12/26/13	
alpha-Chlordane	8081A	13120010	1.75	5.0	ND	1	12/19/13	12/26/13	
beta-BHC	8081A	13120010	1.11	5.0	ND	1	12/19/13	12/26/13	
gamma-Chlordane	8081A	13120010	1.68	5.0	ND	1	12/19/13	12/26/13	
delta-BHC	8081A	13120010	1.27	5.0	ND	1	12/19/13	12/26/13	
Dieldrin	8081A	13120010	1.20	5.0	ND	1	12/19/13	12/26/13	
DieldrinEndosulfane I	8081A	13120010	1.09	5.0	ND	1	12/19/13	12/26/13	
Endosulfane II	8081A	13120010	1.25	5.0	ND	1	12/19/13	12/26/13	
Endosulfane suldfate	8081A	13120010	2.24	5.0	ND	1	12/19/13	12/26/13	
Endrin	8081A	13120010	1.84	5.0	ND	1	12/19/13	12/26/13	
Endrin aldehyde	8081A	13120010	2.05	5.0	ND	1	12/19/13	12/26/13	
Endrin ketone	8081A	13120010	1.81	5.0	ND	1	12/19/13	12/26/13	
gamma-BHC	8081A	13120010	1.12	5.0	ND	1	12/19/13	12/26/13	
Heptachlor	8081A	13120010	1.65	5.0	ND	1	12/19/13	12/26/13	
Heptachlor epoxide	8081A	13120010	1.71	5.0	ND	1	12/19/13	12/26/13	
Methoxychlor	8081A	13120010	7.36	20	ND	1	12/19/13	12/26/13	
Technical Chlordane	8081A	13120010	9.85	25	ND	1	12/19/13	12/26/13	
Toxaphene	8081A	13120010	35.9	100	ND	1	12/19/13	12/26/13	
					QC Limit				
Surrogate I: Decachlorobiphenyl	% Rec.		87.1		60-120				
Surrogate II: Tetrachloro-m-xylene	% Rec.		92.5		60-120				

Key: MDL= Method Detection Limit RL= Reporting Limit J =Trace Conc. between MDL and RL M.B.= Method Blank T.B.= Trip Blank F.B. =Field Blank E.B. = Equipment Blank

AccuLabs, Inc.

Ellis Hsue
Laboratory Director

AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVBFCO02	AccuLabs ID: AL13120010-01
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Polychlorinated Biphenyls (PCBs) by EPA 8082

Analyte	EPA Method	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
Aroclor-1016	8082	0.034	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1221	8082	0.089	1.00	ND	1	12/19/13	12/26/13	
Aroclor-1232	8082	0.090	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1242	8082	0.095	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1248	8082	0.025	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1254	8082	0.042	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1260	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1262	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1268	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
%Rec. Decachlorobiphenyl:				88.6				60-120
%Rec. Tetrachloro-m-xylene:				81.5				60-120

Key: RL = Reporting Limit **J** = Trace Conc. Btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Laboratory Director

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Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVAFCO02	AccuLabs ID: 13120010-02
Sample Site: Victorville Landfill	Date Sampled: NA	Date Reported: 01/05/14
Victorville, California	Date Received: NA	Reporting Units: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Polychlorinated Biphenyls (PCBs) by EPA 8082

Analyte	EPA Method	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
Aroclor-1016	8082	0.034	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1221	8082	0.089	1.00	ND	1	12/19/13	12/26/13	
Aroclor-1232	8082	0.090	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1242	8082	0.095	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1248	8082	0.025	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1254	8082	0.042	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1260	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1262	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1268	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
%Rec. Decachlorobiphenyl:				83.7				60-120
%Rec. Tetrachloro-m-xylene:				87.1				60-120

Key: RL = Reporting Limit **J** = Trace Conc. Btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: Method Blank	AccuLabs ID: 09100011-PCB-MB
Sample Site: Victorville Landfill	Date Sampled: NA	Date Reported: 01/05/14
Victorville, California	Date Received: NA	Reporting Units: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Polychlorinated Biphenyls (PCBs) by EPA 8082

Analyte	EPA Method	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
Aroclor-1016	8082	0.034	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1221	8082	0.089	1.00	ND	1	12/19/13	12/26/13	
Aroclor-1232	8082	0.090	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1242	8082	0.095	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1248	8082	0.025	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1254	8082	0.042	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1260	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1262	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
Aroclor-1268	8082	0.043	0.50	ND	1	12/19/13	12/26/13	
%Rec. Decachlorobiphenyl:				85.2				60-120
%Rec. Tetrachloro-m-xylene:				89.4				60-120

Key: RL = Reporting Limit **J** = Trace Conc. Btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVBFCU02	AccuLabs ID: AL-13120010-01
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Organochlorine Herbicides by EPA 8151A

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
2,4,5-T	8151A	13120010	0.13	0.13	ND	1	12/19/13	12/23/13	
2,4,5-TP (Silvex)	8151A	13120010	0.11	0.11	ND	1	12/19/13	12/23/13	
2,4-D	8151A	13120010	0.80	0.80	ND	1	12/19/13	12/23/13	
2,4-DB	8151A	13120010	0.61	0.61	ND	1	12/19/13	12/23/13	
Dalapon	8151A	13120010	3.90	3.90	ND	1	12/19/13	12/23/13	
Dicamba	8151A	13120010	0.18	0.18	ND	1	12/19/13	12/23/13	
Dichloroprop	8151A	13120010	0.44	0.44	ND	1	12/19/13	12/23/13	
Dinoseb	8151A	13120010	0.05	0.05	ND	1	12/19/13	12/23/13	
MCPA	8151A	13120010	170	170	ND	1	12/19/13	12/23/13	
MCPP	8151A	13120010	130	130	ND	1	12/19/13	12/23/13	

			QC Limit
Surrogate: DCAA	% Rec.	75	50-145

Key: MDL= Method Detection Limit RL= Reporting Limit J =Trace Conc. between MDL and RL M.B.= Method Blank T.B.= Trip Blank F.B. =Field Blank E.B. = Equipment Blank

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Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consulation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVAFCU02	AccuLabs ID: AL-13120010-02
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Ottawa Sand	

Organochlorine Herbicides by EPA 8151A

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
2,4,5-T	8151A	13120010	0.13	0.13	ND	1	12/19/13	12/23/13	
2,4,5-TP (Silvex)	8151A	13120010	0.11	0.11	ND	1	12/19/13	12/23/13	
2,4-D	8151A	13120010	0.80	0.80	ND	1	12/19/13	12/23/13	
2,4-DB	8151A	13120010	0.61	0.61	ND	1	12/19/13	12/23/13	
Dalapon	8151A	13120010	3.90	3.90	ND	1	12/19/13	12/23/13	
Dicamba	8151A	13120010	0.18	0.18	ND	1	12/19/13	12/23/13	
Dichloroprop	8151A	13120010	0.44	0.44	ND	1	12/19/13	12/23/13	
Dinoseb	8151A	13120010	0.05	0.05	ND	1	12/19/13	12/23/13	
MCPA	8151A	13120010	170	170	ND	1	12/19/13	12/23/13	
MCPP	8151A	13120010	130	130	ND	1	12/19/13	12/23/13	

			QC Limit
Surrogate: DCAA	% Rec.	62	50-145

Key: MDL= Method Detection Limit RL= Reporting Limit J =Trace Conc. between MDL and RL M.B.= Method Blank T.B.= Trip Blank F.B. =Field Blank E.B. = Equipment Blank

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Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consulation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: Method Blank	AccuLabs ID: 12/23/2013-Herb-MB
Sample Site: Victorville Landfill	Date Sampled: NA	Date Reported: 01/05/14
Victorville, California	Date Received: NA	Reporting Units: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Ottawa Sand	

Organochlorine Herbicides by EPA 8151A

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
2,4,5-T	8151A	13120010	0.13	0.13	ND	1	12/19/13	12/23/13	
2,4,5-TP (Silvex)	8151A	13120010	0.11	0.11	ND	1	12/19/13	12/23/13	
2,4-D	8151A	13120010	0.80	0.80	ND	1	12/19/13	12/23/13	
2,4-DB	8151A	13120010	0.61	0.61	ND	1	12/19/13	12/23/13	
Dalapon	8151A	13120010	3.90	3.90	ND	1	12/19/13	12/23/13	
Dicamba	8151A	13120010	0.18	0.18	ND	1	12/19/13	12/23/13	
Dichloroprop	8151A	13120010	0.44	0.44	ND	1	12/19/13	12/23/13	
Dinoseb	8151A	13120010	0.05	0.05	ND	1	12/19/13	12/23/13	
MCPA	8151A	13120010	170	170	ND	1	12/19/13	12/23/13	
MCPP	8151A	13120010	130	130	ND	1	12/19/13	12/23/13	

			QC Limit
Surrogate: DCAA	% Rec.	81	50-145

Key: MDL= Method Detection Limit RL= Reporting Limit J =Trace Conc. between MDL and RL M.B.= Method Blank T.B.= Trip Blank F.B. =Field Blank E.B. = Equipment Blank

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Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVBFCU02	AccuLabs ID: AL-13120010-01
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Volatile Organic Compounds & Oxygenates by EPA 8260B & EPA 5035 Method

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Prepared	Date Analyzed	Qualifier
Acetone	8260B	13120010	4.92	800	**11600**	40	12/19/13	12/19/13	
Benzene	8260B	13120010	0.84	5	ND	1	12/19/13	12/19/13	
Bromobenzene	8260B	13120010	0.84	5	ND	1	12/19/13	12/19/13	
Bromochloromethane	8260B	13120010	1.1	5	ND	1	12/19/13	12/19/13	
Bromodichloromethane	8260B	13120010	0.79	5	ND	1	12/19/13	12/19/13	
Bromoform	8260B	13120010	0.67	5	ND	1	12/19/13	12/19/13	
Bromomethane	8260B	13120010	2.01	5	ND	1	12/19/13	12/19/13	
2-Butanone (MEK)	8260B	13120010	1.39	200	**7350**	40	12/19/13	12/19/13	
n-Butylbenzene	8260B	13120010	0.63	5	ND	1	12/19/13	12/19/13	
sec-Butylbenzene	8260B	13120010	0.98	5	ND	1	12/19/13	12/19/13	
tert-Butylbenzene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
Carbon tetrachloride	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
Chlorobenzene	8260B	13120010	0.72	5	ND	1	12/19/13	12/19/13	
Chloroethane	8260B	13120010	0.73	5	ND	1	12/19/13	12/19/13	
2-Chloroethyl vinyl ether (2-CEVE)	8260B	13120010	1.77	10	ND	1	12/19/13	12/19/13	
Chloroform	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
Chloromethane	8260B	13120010	0.91	5	ND	1	12/19/13	12/19/13	
2-Chlorotoluene	8260B	13120010	0.72	5	ND	1	12/19/13	12/19/13	
4-Chlorotoluene	8260B	13120010	0.79	5	ND	1	12/19/13	12/19/13	
Dibromochloromethane	8260B	13120010	0.77	5	ND	1	12/19/13	12/19/13	
1,2-Dibromo-3-chloropropane	8260B	13120010	1.75	5	ND	1	12/19/13	12/19/13	
1,2-Dibromoethane	8260B	13120010	0.80	5	ND	1	12/19/13	12/19/13	
Dibromomethane	8260B	13120010	0.91	5	ND	1	12/19/13	12/19/13	
1,2-Dichlorobenzene	8260B	13120010	0.81	5	ND	1	12/19/13	12/19/13	
1,3-Dichlorobenzene	8260B	13120010	0.83	5	ND	1	12/19/13	12/19/13	
1,4-Dichlorobenzene	8260B	13120010	0.44	5	ND	1	12/19/13	12/19/13	
Dichlorodifluoromethane(F-12)	8260B	13120010	1.72	5	ND	1	12/19/13	12/19/13	
1,1-Dichloroethane	8260B	13120010	0.76	5	ND	1	12/19/13	12/19/13	
1,2-Dichloroethane	8260B	13120010	0.69	5	ND	1	12/19/13	12/19/13	
1,1-Dichloroethene	8260B	13120010	1.04	5	ND	1	12/19/13	12/19/13	
cis-1,2-Dichloroethene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
trans-1,2-Dichloroethene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
1,2-Dichloropropane	8260B	13120010	0.88	5	ND	1	12/19/13	12/19/13	
1,3-Dichloropropane	8260B	13120010	0.94	5	ND	1	12/19/13	12/19/13	
2,2-Dichloropropane	8260B	13120010	0.67	5	ND	1	12/19/13	12/19/13	
1,1-Dichloropropene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
Ethylbenzene	8260B	13120010	0.35	5	ND	1	12/19/13	12/19/13	
Hexachlorobutadiene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	

Key: RL = Reporting Limit **J** = Trace Conc. Btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVBFCU02	AccuLabs ID: AL-13120010-01
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Volatile Organic Compounds & Oxygenates by EPA 8260B & EPA 5035 Method

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Prepared	Date Analyzed	Qualifier
2-Hexanone	8260B	13120010	1.56	10	ND	1	12/19/13	12/19/13	
Isopropylbenzene	8260B	13120010	0.63	5	ND	1	12/19/13	12/19/13	
4-Isopropyltoluene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
Methylene chloride	8260B	13120010	1.46	10	ND	1	12/19/13	12/19/13	
4-Methyl-2-pentanone (MIBK)	8260B	13120010	2.64	10	ND	1	12/19/13	12/19/13	
Napthalene	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
n-Propylbenzene	8260B	13120010	0.92	5	ND	1	12/19/13	12/19/13	
Styrene	8260B	13120010	0.57	5	ND	1	12/19/13	12/19/13	
1,1,1,2-Tetrachloroethane	8260B	13120010	0.92	5	ND	1	12/19/13	12/19/13	
1,1,2,2-Tetrachloroethane	8260B	13120010	2.28	5	ND	1	12/19/13	12/19/13	
Tetrachloroethene (PCE)	8260B	13120010	0.83	5	ND	1	12/19/13	12/19/13	
Toluene	8260B	13120010	0.77	5	ND	1	12/19/13	12/19/13	
1,2,3-Trichlorobenzene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
1,2,4-Trichlorobenzene	8260B	13120010	0.74	5	ND	1	12/19/13	12/19/13	
1,1,1-Trichloroethane	8260B	13120010	0.99	5	ND	1	12/19/13	12/19/13	
1,1,2-Trichloroethane	8260B	13120010	1.31	5	ND	1	12/19/13	12/19/13	
Trichloroethene (TCE)	8260B	13120010	1.4	5	ND	1	12/19/13	12/19/13	
Trichlorofluoromethane(F-11)	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
1,2,3-Trichloropropane	8260B	13120010	1.97	5	ND	1	12/19/13	12/19/13	
1,2,4-Trimethylbenzene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
1,3,5-Trimethylbenzene	8260B	13120010	1.03	5	ND	1	12/19/13	12/19/13	
Vinyl chloride	8260B	13120010	1.81	5	ND	1	12/19/13	12/19/13	
m,p-Xylene	8260B	13120010	1.84	10	ND	1	12/19/13	12/19/13	
o-Xylene	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
Oxygenates									
Methyl-tert-butyl-ether (MTBE)	8260B	13120010	0.95	10	ND	1	12/19/13	12/19/13	
tert-Butanol (TBA)	8260B	13120010	5.56	200	**1000**	10	12/19/13	12/19/13	
Diisopropyl ether (DIPE)	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
Ethyl-tert-butyl-ether (ETBE)	8260B	13120010	0.64	5	ND	1	12/19/13	12/19/13	
tert-Amyl methyl ether (TAME)	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	

Surrogate:	Dibromofluoromethane	(70-130%)	87.1	%
Surrogate:	Toluene-d8	(70-130%)	74.6	%
Surrogate:	4-Bromofluorobenzene	(70-130%)	78.5	%

Key: MDL = Met. Detection Lmt RL = Reporting Limit J = Trace Conc. btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVAFCU02	AccuLabs ID: 13120010-02
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Volatile Organic Compounds & Oxygenates by EPA 8260B & EPA 5035 Method

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Prepared	Date Analyzed	Qualifier
Acetone	8260B	13120010	4.92	200	**4400**	10	12/19/13	12/19/13	
Benzene	8260B	13120010	0.84	5	ND	1	12/19/13	12/19/13	
Bromobenzene	8260B	13120010	0.84	5	ND	1	12/19/13	12/19/13	
Bromochloromethane	8260B	13120010	1.1	5	ND	1	12/19/13	12/19/13	
Bromodichloromethane	8260B	13120010	0.79	5	ND	1	12/19/13	12/19/13	
Bromoform	8260B	13120010	0.67	5	ND	1	12/19/13	12/19/13	
Bromomethane	8260B	13120010	2.01	5	ND	1	12/19/13	12/19/13	
2-Butanone (MEK)	8260B	13120010	1.39	50	**2080**	10	12/19/13	12/19/13	
n-Butylbenzene	8260B	13120010	0.63	5	ND	1	12/19/13	12/19/13	
sec-Butylbenzene	8260B	13120010	0.98	5	ND	1	12/19/13	12/19/13	
tert-Butylbenzene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
Carbon tetrachloride	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
Chlorobenzene	8260B	13120010	0.72	5	ND	1	12/19/13	12/19/13	
Chloroethane	8260B	13120010	0.73	5	ND	1	12/19/13	12/19/13	
2-Chloroethyl vinyl ether (2-CEVE)	8260B	13120010	1.77	10	ND	1	12/19/13	12/19/13	
Chloroform	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
Chloromethane	8260B	13120010	0.91	5	ND	1	12/19/13	12/19/13	
2-Chlorotoluene	8260B	13120010	0.72	5	ND	1	12/19/13	12/19/13	
4-Chlorotoluene	8260B	13120010	0.79	5	ND	1	12/19/13	12/19/13	
Dibromochloromethane	8260B	13120010	0.77	5	ND	1	12/19/13	12/19/13	
1,2-Dibromo-3-chloropropane	8260B	13120010	1.75	5	ND	1	12/19/13	12/19/13	
1,2-Dibromoethane	8260B	13120010	0.80	5	ND	1	12/19/13	12/19/13	
Dibromomethane	8260B	13120010	0.91	5	ND	1	12/19/13	12/19/13	
1,2-Dichlorobenzene	8260B	13120010	0.81	5	ND	1	12/19/13	12/19/13	
1,3-Dichlorobenzene	8260B	13120010	0.83	5	ND	1	12/19/13	12/19/13	
1,4-Dichlorobenzene	8260B	13120010	0.44	5	ND	1	12/19/13	12/19/13	
Dichlorodifluoromethane(F-12)	8260B	13120010	1.72	5	ND	1	12/19/13	12/19/13	
1,1-Dichloroethane	8260B	13120010	0.76	5	ND	1	12/19/13	12/19/13	
1,2-Dichloroethane	8260B	13120010	0.69	5	ND	1	12/19/13	12/19/13	
1,1-Dichloroethene	8260B	13120010	1.04	5	ND	1	12/19/13	12/19/13	
cis-1,2-Dichloroethene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
trans-1,2-Dichloroethene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
1,2-Dichloropropane	8260B	13120010	0.88	5	ND	1	12/19/13	12/19/13	
1,3-Dichloropropane	8260B	13120010	0.94	5	ND	1	12/19/13	12/19/13	
2,2-Dichloropropane	8260B	13120010	0.67	5	ND	1	12/19/13	12/19/13	
1,1-Dichloropropene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
Ethylbenzene	8260B	13120010	0.35	5	ND	1	12/19/13	12/19/13	
Hexachlorobutadiene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	

Key: RL = Reporting Limit **J** = Trace Conc. Btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: VVAFCU02	AccuLabs ID: 13120010-02
Sample Site: Victorville Landfill	Date Sampled: 12/13/13	Date Reported: 01/05/14
Victorville, California	Date Received: 12/17/13	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Volatile Organic Compounds & Oxygenates by EPA 8260B & EPA 5035 Method

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Prepared	Date Analyzed	Qualifier
2-Hexanone	8260B	13120010	1.56	10	ND	1	12/19/13	12/19/13	
Isopropylbenzene	8260B	13120010	0.63	5	ND	1	12/19/13	12/19/13	
4-Isopropyltoluene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
Methylene chloride	8260B	13120010	1.46	10	ND	1	12/19/13	12/19/13	
4-Methyl-2-pentanone (MIBK)	8260B	13120010	2.64	10	ND	1	12/19/13	12/19/13	
Napthalene	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
n-Propylbenzene	8260B	13120010	0.92	5	ND	1	12/19/13	12/19/13	
Styrene	8260B	13120010	0.57	5	ND	1	12/19/13	12/19/13	
1,1,1,2-Tetrachloroethane	8260B	13120010	0.92	5	ND	1	12/19/13	12/19/13	
1,1,2,2-Tetrachloroethane	8260B	13120010	2.28	5	ND	1	12/19/13	12/19/13	
Tetrachloroethene (PCE)	8260B	13120010	0.83	5	ND	1	12/19/13	12/19/13	
Toluene	8260B	13120010	0.77	5	ND	1	12/19/13	12/19/13	
1,2,3-Trichlorobenzene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
1,2,4-Trichlorobenzene	8260B	13120010	0.74	5	ND	1	12/19/13	12/19/13	
1,1,1-Trichloroethane	8260B	13120010	0.99	5	ND	1	12/19/13	12/19/13	
1,1,2-Trichloroethane	8260B	13120010	1.31	5	ND	1	12/19/13	12/19/13	
Trichloroethene (TCE)	8260B	13120010	1.4	5	ND	1	12/19/13	12/19/13	
Trichlorofluoromethane(F-11)	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
1,2,3-Trichloropropane	8260B	13120010	1.97	5	ND	1	12/19/13	12/19/13	
1,2,4-Trimethylbenzene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
1,3,5-Trimethylbenzene	8260B	13120010	1.03	5	ND	1	12/19/13	12/19/13	.
Vinyl chloride	8260B	13120010	1.81	5	ND	1	12/19/13	12/19/13	
m,p-Xylene	8260B	13120010	1.84	10	ND	1	12/19/13	12/19/13	
o-Xylene	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
Oxygenates									
Methyl-tert-butyl-ether (MTBE)	8260B	13120010	0.95	10	ND	1	12/19/13	12/19/13	
tert-Butanol (TBA)	8260B	13120010	5.56	200	434	10	12/19/13	12/19/13	
Diisopropyl ether (DIPE)	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
Ethyl-tert-butyl-ether (ETBE)	8260B	13120010	0.64	5	ND	1	12/19/13	12/19/13	
tert-Amyl methyl ether (TAME)	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	

Surrogate:	Dibromofluoromethane	(70-130%)	85.2	%
Surrogate:	Toluene-d8	(70-130%)	77.6	%
Surrogate:	4-Bromofluorobenzene	(70-130%)	73.9	%

Key: MDL = Met. Detection Lmt RL = Reporting Limit J = Trace Conc. btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

AccuLabs, Inc.

Ellis Hsue

Laboratory Director

AccuLabs, Inc.

Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: Method Blank	AccuLabs ID: 12192013-VOC-MB
Sample Site: Victorville Landfill	Date Sampled: NA	Date Reported: 01/05/14
Victorville, California	Date Received: NA	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Volatile Organic Compounds & Oxygenates by EPA 8260B & EPA 5035 Method

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Prepared	Date Analyzed	Qualifier
Acetone	8260B	13120010	4.92	20	ND	1	12/19/13	12/19/13	
Benzene	8260B	13120010	0.84	5	ND	1	12/19/13	12/19/13	
Bromobenzene	8260B	13120010	0.84	5	ND	1	12/19/13	12/19/13	
Bromochloromethane	8260B	13120010	1.1	5	ND	1	12/19/13	12/19/13	
Bromodichloromethane	8260B	13120010	0.79	5	ND	1	12/19/13	12/19/13	
Bromoform	8260B	13120010	0.67	5	ND	1	12/19/13	12/19/13	
Bromomethane	8260B	13120010	2.01	5	ND	1	12/19/13	12/19/13	
2-Butanone (MEK)	8260B	13120010	1.39	5	ND	1	12/19/13	12/19/13	
n-Butylbenzene	8260B	13120010	0.63	5	ND	1	12/19/13	12/19/13	
sec-Butylbenzene	8260B	13120010	0.98	5	ND	1	12/19/13	12/19/13	
tert-Butylbenzene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
Carbon tetrachloride	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
Chlorobenzene	8260B	13120010	0.72	5	ND	1	12/19/13	12/19/13	
Chloroethane	8260B	13120010	0.73	5	ND	1	12/19/13	12/19/13	
2-Chloroethyl vinyl ether (2-CEVE)	8260B	13120010	1.77	10	ND	1	12/19/13	12/19/13	
Chloroform	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
Chloromethane	8260B	13120010	0.91	5	ND	1	12/19/13	12/19/13	
2-Chlorotoluene	8260B	13120010	0.72	5	ND	1	12/19/13	12/19/13	
4-Chlorotoluene	8260B	13120010	0.79	5	ND	1	12/19/13	12/19/13	
Dibromochloromethane	8260B	13120010	0.77	5	ND	1	12/19/13	12/19/13	
1,2-Dibromo-3-chloropropane	8260B	13120010	1.75	5	ND	1	12/19/13	12/19/13	
1,2-Dibromoethane	8260B	13120010	0.80	5	ND	1	12/19/13	12/19/13	
Dibromomethane	8260B	13120010	0.91	5	ND	1	12/19/13	12/19/13	
1,2-Dichlorobenzene	8260B	13120010	0.81	5	ND	1	12/19/13	12/19/13	
1,3-Dichlorobenzene	8260B	13120010	0.83	5	ND	1	12/19/13	12/19/13	
1,4-Dichlorobenzene	8260B	13120010	0.44	5	ND	1	12/19/13	12/19/13	
Dichlorodifluoromethane(F-12)	8260B	13120010	1.72	5	ND	1	12/19/13	12/19/13	
1,1-Dichloroethane	8260B	13120010	0.76	5	ND	1	12/19/13	12/19/13	
1,2-Dichloroethane	8260B	13120010	0.69	5	ND	1	12/19/13	12/19/13	
1,1-Dichloroethene	8260B	13120010	1.04	5	ND	1	12/19/13	12/19/13	
cis-1,2-Dichloroethene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
trans-1,2-Dichloroethene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
1,2-Dichloropropane	8260B	13120010	0.88	5	ND	1	12/19/13	12/19/13	
1,3-Dichloropropane	8260B	13120010	0.94	5	ND	1	12/19/13	12/19/13	
2,2-Dichloropropane	8260B	13120010	0.67	5	ND	1	12/19/13	12/19/13	
1,1-Dichloropropene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
Ethylbenzene	8260B	13120010	0.35	5	ND	1	12/19/13	12/19/13	
Hexachlorobutadiene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	

Key: RL = Reporting Limit **J** = Trace Conc. Btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sample ID: Method Blank	AccuLabs ID: 12192013-VOC-MB
Sample Site: Victorville Landfill	Date Sampled: NA	Date Reported: 01/05/14
Victorville, California	Date Received: NA	Reporting Units: ug/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

Volatile Organic Compounds & Oxygenates by EPA 8260B & EPA 5035 Method

Analyte	EPA Method	Batch	MDL	RL	Sample Result	DF	Date Prepared	Date Analyzed	Qualifier
2-Hexanone	8260B	13120010	1.56	10	ND	1	12/19/13	12/19/13	
Isopropylbenzene	8260B	13120010	0.63	5	ND	1	12/19/13	12/19/13	
4-Isopropyltoluene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
Methylene chloride	8260B	13120010	1.46	10	ND	1	12/19/13	12/19/13	
4-Methyl-2-pentanone (MIBK)	8260B	13120010	2.64	10	ND	1	12/19/13	12/19/13	
Napthalene	8260B	13120010	0.70	5	ND	1	12/19/13	12/19/13	
n-Propylbenzene	8260B	13120010	0.92	5	ND	1	12/19/13	12/19/13	
Styrene	8260B	13120010	0.57	5	ND	1	12/19/13	12/19/13	
1,1,1,2-Tetrachloroethane	8260B	13120010	0.92	5	ND	1	12/19/13	12/19/13	
1,1,2,2-Tetrachloroethane	8260B	13120010	2.28	5	ND	1	12/19/13	12/19/13	
Tetrachloroethene (PCE)	8260B	13120010	0.83	5	ND	1	12/19/13	12/19/13	
Toluene	8260B	13120010	0.77	5	ND	1	12/19/13	12/19/13	
1,2,3-Trichlorobenzene	8260B	13120010	0.85	5	ND	1	12/19/13	12/19/13	
1,2,4-Trichlorobenzene	8260B	13120010	0.74	5	ND	1	12/19/13	12/19/13	
1,1,1-Trichloroethane	8260B	13120010	0.99	5	ND	1	12/19/13	12/19/13	
1,1,2-Trichloroethane	8260B	13120010	1.31	5	ND	1	12/19/13	12/19/13	
Trichloroethene (TCE)	8260B	13120010	1.4	5	ND	1	12/19/13	12/19/13	
Trichlorofluoromethane(F-11)	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
1,2,3-Trichloropropane	8260B	13120010	1.97	5	ND	1	12/19/13	12/19/13	
1,2,4-Trimethylbenzene	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	
1,3,5-Trimethylbenzene	8260B	13120010	1.03	5	ND	1	12/19/13	12/19/13	.
Vinyl chloride	8260B	13120010	1.81	5	ND	1	12/19/13	12/19/13	
m,p-Xylene	8260B	13120010	1.84	10	ND	1	12/19/13	12/19/13	
o-Xylene	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
Oxygenates									
Methyl-tert-butyl-ether (MTBE)	8260B	13120010	0.95	10	ND	1	12/19/13	12/19/13	
tert-Butanol (TBA)	8260B	13120010	5.56	20	ND	1	12/19/13	12/19/13	
Diisopropyl ether (DIPE)	8260B	13120010	0.66	5	ND	1	12/19/13	12/19/13	
Ethyl-tert-butyl-ether (ETBE)	8260B	13120010	0.64	5	ND	1	12/19/13	12/19/13	
tert-Amyl methyl ether (TAME)	8260B	13120010	0.55	5	ND	1	12/19/13	12/19/13	

Surrogate:	Dibromofluoromethane	(70-130%)	95.1	%
Surrogate:	Toluene-d8	(70-130%)	81.5	%
Surrogate:	4-Bromofluorobenzene	(70-130%)	89.1	%

Key: MDL = Met. Detection Lmt RL = Reporting Limit J = Trace Conc. btn MDL and RL M.B. = Method Blank T.B. = Trip Blank F.B. = Field Blank E.B. = Equipment Blank

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Ellis Hsue

Laboratory Director

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Air Toxic ● Contaminated Soil ● Water and Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sampled ID: VVBFCU02	AccuLabs ID: AL-13120010-01
Sample Site: Victorville Landfill	Date Sampled: 12/13/17	Date Reported: 01/05/13
Victorville, California	Date Received: 12/17/13	Reporting Unit: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

EPA 8270C Method

Analyte	Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
Acenaphthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Acenaphthylene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzidine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[a]anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[b]fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[k]fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[a]pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[g,h,i]perylene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzoic acid	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzyl alcohol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Benzidine (M)	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Bromophenyl phenyl ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Butyl benzylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-butylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chloroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
bis(2-Chloroethoxy) methane	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
bis(2-Chloroethyl) ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
bis(2-Chloroisopropyl)ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chloro-3-methylphenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
2-Chloronaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Chlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chlorophenyl phenyl ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Chrysene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dibenzofuran	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dibenzo{a,h]anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,2-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,3-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,4-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
3,3'-Dichlorbenzidine	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
2,4-Dichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Diethylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dimethylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dimethylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dinitrophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dinitrotoluene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,6-Dinitrotoluene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4,6-Dinitro-2-methylphenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	

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Project Info	*Sample Info*	*Report Info*
Project ID: 0721397630-Task 5	Sampled ID: VVBFCU02	AccuLabs ID: AL-13120010-01
Sample Site: Victorville Landfill	Date Sampled: 12/13/17	Date Extracted: 01/05/13
Victorville, California	Date Received: 12/17/13	Date Reported: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

EPA 8270C Method

Analyte	Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Fluorene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorobutadiene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorocyclopentadiene	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Hexachloroethane	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Indeno[1,2,3-cd]pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Isophorone	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Methylnaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Methylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Methylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Naphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Nitroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
3-Nitroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
4-Nitroaniline	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Nitrobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Nitrophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Nitrophenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
N-Nitroso-di-n-propylamine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
n-Nitrosodiphenylamine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-octylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-butylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Pentachlorophenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Phenanthrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Phenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1-Methylnaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Methylnaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,2,4-Trichlorbenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4,5-Trichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4,6-Trichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	

System Monitoring Compounds	% Recovery	QC Limits in %
2-Fluorophenol	52.8	25-121
Phenol-d6	55.7	24-113
Nitrobenzene-d5	74.1	23-120
2-Fluorobiphenyl	83.6	30-115
2,4,6-Tribromophenol	40.1	19-122
p-Terphenyll-d4	64	18-137

AccuLabs, Inc.

Ellis Hsue

Ellis Hsue
Laboratory Director

AccuLabs, Inc.

/astewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	Sample Info	Report Info
Project ID: 0721397630-Task 5	Sampled ID: VVAFCU02	AccuLabs ID: AL-13120010-02
Sample Site: Victorville Landfill	Date Sampled: 12/13/17	Date Reported: 01/05/13
Victorville, California	Date Received: 12/17/13	Reporting Unit: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

:PA 8270C Method

Analyte	Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
Acenaphthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Acenaphthylene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzidine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[a]anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[b]fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[k]fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[a]pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[g,h,i]perylene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzoic acid	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzyl alcohol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Benzidine (M)	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Bromophenyl phenyl ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Butyl benzylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-butylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chloroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
bis(2-Chloroethoxy) methane	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
bis(2-Chloroethyl) ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
bis(2-Chloroisopropyl)ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chloro-3-methylphenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
2-Chloronaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Chlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chlorophenyl phenyl ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Chrysene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dibenzofuran	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dibenzo{a,h]anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,2-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,3-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,4-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
3,3'-Dichlorbenzidine	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
2,4-Dichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Diethylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dimethylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dimethylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dinitrophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dinitrotoluene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,6-Dinitrotoluene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4,6-Dinitro-2-methylphenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	

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/astewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	Sample Info	Report Info
Project ID: 0721397630-Task 5	Sampled ID: VVAFCU02	AccuLabs ID: AL-13120010-02
Sample Site: Victorville Landfill	Date Sampled: NA	Date Extracted: 01/05/13
Victorville, California	Date Received: NA	Date Reported: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

EPA 8270C Method

Analyte	Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Fluorene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorobutadiene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorocyclopentadiene	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Hexachloroethane	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Indeno[1,2,3-cd]pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Isophorone	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Methylnaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Methylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Methylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Naphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Nitroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
3-Nitroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
4-Nitroaniline	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Nitrobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Nitrophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Nitrophenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
N-Nitroso-di-n-propylamine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
n-Nitrosodiphenylamine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-octylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-butylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Pentachlorophenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Phenanthrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Phenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1-Methylnaphthalene	8270C	13120010	0.010	0.33	ND	1	12/23/13	12/26/13	
2-Methylnaphthalene	8270C	13120010	0.010	0.33	ND	1	12/23/13	12/26/13	
1,2,4-Trichlorbenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4,5-Trichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4,6-Trichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	

System Monitoring Compounds	% Recovery	QC Limits in %
2-Fluorophenol	57.6	25-121
Phenol-d6	53.3	24-113
Nitrobenzene-d5	71.5	23-120
2-Fluorobiphenyl	72.6	30-115
2,4,6-Tribromophenol	48.9	19-122
p-Terphenyll-d4	59.3	18-137

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Ellis Hsue

Ellis Hsue
Laboratory Director

AccuLabs, Inc.

Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	Sample Info	Report Info
Project ID: 0721397630-Task 5	Sampled ID: Method Blank	AccuLabs ID: 13262013-SVOC-MB
Sample Site: Victorville Landfill	Date Sampled: NA	Date Reported: 01/05/13
Victorville, California	Date Received: NA	Reporting Unit: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Ottawa sand	

EPA 8270C Method

Analyte	Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
Acenaphthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Acenaphthylene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzidine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[a]anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[b]fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[k]fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[a]pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzo[g,h,i]perylene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzoic acid	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Benzyl alcohol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Benzidine (M)	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Bromophenyl phenyl ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Butyl benzylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-butylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chloroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
bis(2-Chloroethoxy) methane	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
bis(2-Chloroethyl) ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
bis(2-Chloroisopropyl)ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chloro-3-methylphenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
2-Chloronaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Chlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Chlorophenyl phenyl ether	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Chrysene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dibenzofuran	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dibenzo{a,h]anthracene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,2-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,3-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1,4-Dichlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
3,3'-Dichlorbenzidine	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
2,4-Dichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Diethylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dimethylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Dimethylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dinitrophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4-Dinitrotoluene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,6-Dinitrotoluene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4,6-Dinitro-2-methylphenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	

AccuLabs, Inc.

Wastewater ● Industrial and Hazardous Waste ● Chemical Consultation

Project Info	Sample Info	Report Info
Project ID: 0721397630-Task 5	Sampled ID: Method Blank	AccuLabs ID: 13262013-SVOC-MB
Sample Site: Victorville Landfill	Date Sampled: NA	Date Extracted: 01/05/13
Victorville, California	Date Received: NA	Date Reported: mg/Kg
Client Name: SCS Field Services	Sample Matrix: Soil	

EPA 8270C Method

Analyte	Method	Batch	MDL	RL	Sample Result	DF	Date Extracted	Date Analyzed	Qualifiers
bis(2-Ethylhexyl)phthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Fluoranthene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Fluorene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorobutadiene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Hexachlorocyclopentadiene	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Hexachloroethane	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Indeno[1,2,3-cd]pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Isophorone	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Methylnaphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Methylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Methylphenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Naphthalene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Nitroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
3-Nitroaniline	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
4-Nitroaniline	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Nitrobenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2-Nitrophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
4-Nitrophenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
N-Nitroso-di-n-propylamine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
n-Nitrosodiphenylamine	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-octylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Di-n-butylphthalate	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Pentachlorophenol	8270C	13120010	0.33	0.66	ND	1	12/23/13	12/26/13	
Phenanthrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Phenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
Pyrene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
1-Methylnaphthalene	8270C	13120010	0.010	0.33	ND	1	12/23/13	12/26/13	
2-Methylnaphthalene	8270C	13120010	0.010	0.33	ND	1	12/23/13	12/26/13	
1,2,4-Trichlorbenzene	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4,5-Trichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	
2,4,6-Trichlorophenol	8270C	13120010	0.16	0.33	ND	1	12/23/13	12/26/13	

System Monitoring Compounds	% Recovery	QC Limits in %
2-Fluorophenol	63.5	25-121
Phenol-d6	56.7	24-113
Nitrobenzene-d5	74.8	23-120
2-Fluorobiphenyl	77.6	30-115
2,4,6-Tribromophenol	47.7	19-122
p-Terphenyll-d4	62.9	18-137

AccuLabs, Inc.

Ellis Hsue

Ellis Hsue
Laboratory Director

CHAIN OF CUSTODY RECORD

SCS ENGINEERS

3900 Kilroy Airport Way, Suite 100
Long Beach, California 90806-6816
Phone 562 426-9544 Fax 562 427-0805

TOTAL NUMBER OF SAMPLES: ~~4~~ 2

PAGE OF

TURNAROUND TIME REQUIRED: ☒ Std. ☐ 3-Day ☐ 24-Hr. ☐ Other

PROJECT NUMBER: 07213~~07630~~ TASK 5

PROJECT MANAGER: ROBERT LEGASPI

PROJECT NAME: VICTORVILLE LANDFILL

W.O. / S.O. #:

PROJECT LOCATION: VICTORVILLE, CA.

SAMPLER NAME AND SIGNATURE: CHRIS FOLAND

I.D. NUMBER	SAMPLE DESIGNATION	SAMPLE MATRIX	DATE/TIME COLLECTED	CONTAINER SIZE/TYPE	SAMPLE PRESERVATIVE	SPECIAL INSTRUCTIONS/COMMENTS	PH/Reactive Cyanide	SEE ATTACHED SHEET	Reactive Sulfide	RCRA 8X Metals	SVOCs	VOCs	Pesticide & PCBs	Herbicides	LAB USE ONLY
	~~VVBFCU01~~	~~SOIL~~	~~12/13/13 0702~~	~~GLASS BOTTLE~~											
	VVBFCU02	SOIL	12/13/13 0717	GLASS BOTTLE		13120010-01	X	X	X	X	X	X	X	X	
	~~VVAFCU01~~	~~SOIL~~	~~12/13/13 1421~~	~~GLASS BOTTLE~~											
	VVAFCU02	SOIL	12/13/13 1423	GLASS BOTTLE		13120010-02	X	X	X	X	X	X	X	X	

NOTES:

SAMPLE CONDITION UPON RECEIPT:

RELINQUISHED BY:	DATE:	ACCEPTED BY:	DATE:	RELINQUISHED BY:	DATE:	ACCEPTED BY:	DATE:
	12/16/13		12-16-13		12/17/13		12.17.13
COMPANY: SCS Field Services	TIME: 1400	COMPANY: SCS	TIME: 2:00PM	COMPANY: Accutabs, Inc.	TIME: 1:05 PM	COMPANY: SCS	TIME: 1205 PM

FORM NO. 107 REV. 3/07 TWIN CONCEPTS

DEPARTMENT OF PUBLIC WORKS

FLOOD CONTROL • ENVIRONMENTAL & CONSTRUCTION • OPERATIONS
SOLID WASTE MANAGEMENT • SURVEYOR • TRANSPORTATION

COUNTY OF SAN BERNARDINO

SOLID WASTE MANAGEMENT DIVISION
222 West Hospitality Lane, Second Floor •San Bernardino, CA 92415-0017 •(909) 386-8701
Administration/Engineering Fax (909) 386-8900

GERRY NEWCOMBE
Director of Public Works

December 23, 2013

Ms. Christy Hunter, Engineering Geologist, P.G.
California Regional Water Quality Control Board
Lahontan Region-Victorville Branch Office
14440 Civic Drives, Suite 200
Victorville, California 92392

RE: CONDENSATE RELEASE AT THE LANDFILL GAS FLARE STATION AT THE VICTORVILLE SANITARY LANDFILL

Dear Ms. Hunter:

As requested during the phone conversation on December 12, 2013, the County of San Bernardino Solid Waste Management Division (SWMD) is providing the following summary of events and corrective actions related to the condensate release at the landfill gas (LFG) flare station at the Victorville Sanitary Landfill that was reported on December 12, 2013.

During the afternoon of December 11, 2013, SWMD personnel discovered a cracked condensate strainer and a condensate leak at the LFG flare station. At that time, the condensate pump and valves were shut off to stop further leakage. On the morning of December 12, 2013, an SWMD engineer and consultant met at the LFG flare station to assess the damaged strainer and condensate leak. The condensate leaked onto the concrete pad and flowed to the west off the pad onto the soil. It is estimated that approximately 50-150 gallons of condensate spilled. It is thought that the below freezing temperatures caused the residual condensate in the strainer to freeze and expand causing a crack and thus allowing condensate to leak when the system started on the morning of December 11, 2013. At this site meeting a plan of action was discussed to include excavating all soil that came into contact with condensate, power wash the concrete pad, and repair the damaged strainer.

On December 13, 2013, a crew mobilized to the site, excavated all of the soil that came into contact with condensate and disposed of it in a lined area at the landfill. The void was backfilled and compacted with clean fill soil. Two soil samples were taken, one of the soil disposed of in the lined landfill area and one at the bottom of the excavation. Both soil samples were sent to the lab to be analyzed for various contaminants (Sampling results will be available on December 30, 2013 and forwarded to you soon after). A high pressure power washer and a biodegradable cleaner were used to clean the concrete pad. All water from the power washing operation was captured and pumped into the onsite condensate tank for future destruction in the LFG flare. Please see the attached photographs of the operation.

Board of Supervisors

GREGORY C. DEVEREAUX
Chief Executive Officer

ROBERT A. LOVINGOOD ..... First District
JANICE RUTHERFORD ..... Second District
JAMES RAMOS ..... Third District
GARY C. OVITT ..... Fourth District
JOSIE GONZALES ..... Fifth District

In order to minimize future releases, all piping and strainers/filters from the condensate tank to the pump will be replaced with new parts. In addition, all new parts will be wrapped and insulated to protect them from freezing temperatures and UV rays. It is anticipated that the new parts will be installed by the end of the month.

SWMD is committed to following all permit requirements and regulations. Appropriate measures have been put in place to minimize a similar occurrence in the future.

If you have any questions regarding this matter, please contact Darren Meeka at (909) 386-9017 or you may contact me at (909) 386-8688.

Sincerely,

, FOR

David R. Doublet, P.E.
Chief Engineer

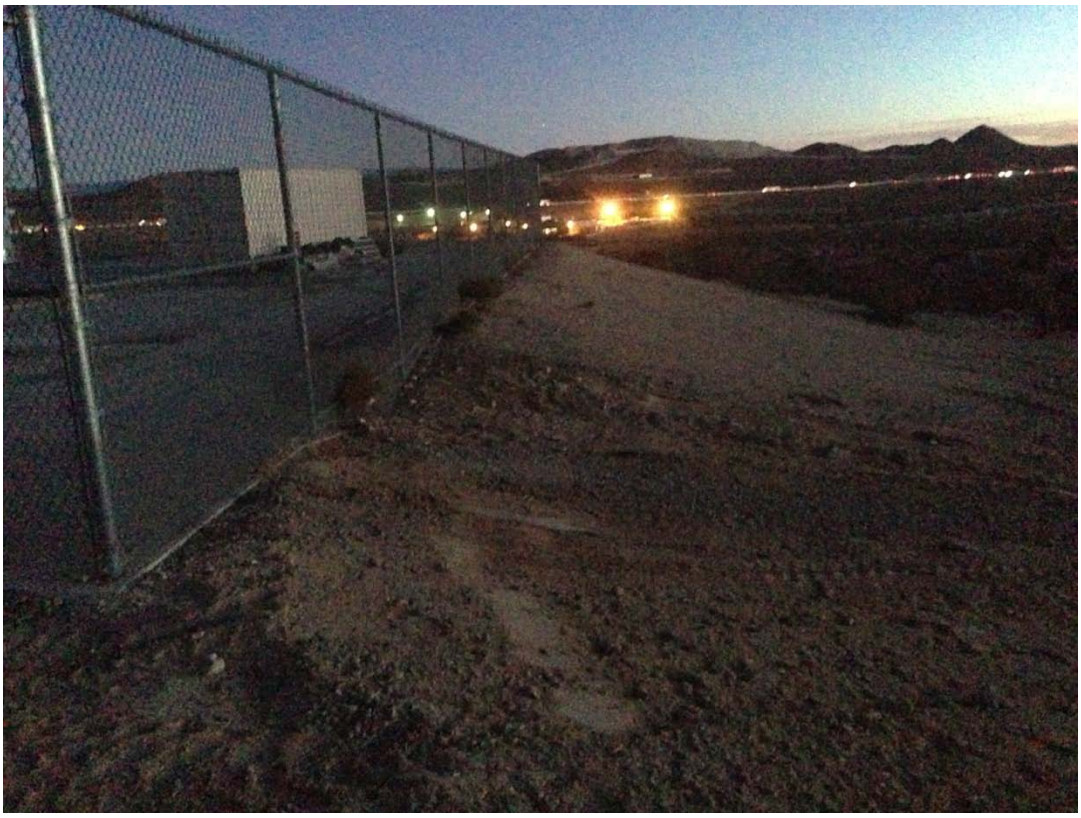
DRD:DJM:ro

Enclosures as noted

cc: Arthur L. Rivera, Deputy Director, Solid Waste Management Division

Condensate leak at the Victorville Sanitary Landfill
December 13, 2013

Condensate leak at the Victorville Sanitary Landfill
December 13, 2013



Condensate leak at the Victorville Sanitary Landfill
December 13, 2013

OKeefe, Kerri@Waterboards

From: OKeefe, Kerri@Waterboards
Sent: Friday, August 22, 2014 2:19 PM
To: ddoublet@dpw.sbcounty.gov
Cc: Hunter, Christy@Waterboards; Copeland, Patrice@Waterboards; sharon.bishop@dpw.sbcounty.gov; csaed@dpw.sbcounty.gov
Subject: 2014 2nd Quarter Monitoring Period_Victorville SLF_6B360304025

Mr. Doublet,

We have reviewed the 2014 2nd Quarter Monitoring Report and have identified several violations of Board Order R6V-2004-0027. The following violations were entered into the California Integrated Water Quality System:

Violation Description: Violation of Board Order R6V-2004-0027 (Order) for 2014 second quarter monitoring period: Order section II.A.2. Volatile Organic constituents of concern(VOC) (PCE) in groundwater in Well VSL-6; Nitrate (as N) in VSL-6, and VSL-18; Order section III.A.4. VOCs in groundwater (wells listed in comments) exceeded background concentrations (background concentrations VOCs are non-detect).
Comments: See MRP I.A.1 – **Dichlorodifluoromethane:** VSL-6 (4/15/2014: 4.5 ug/L), VSL-12 (4/15/2014: 1.2 ug/L); **1,1-dichloroethane:** VSL-6 (4/15/2014: 3.1 ug/L); **tetrachloroethene (MCL= 5** ug/L**):** VSL-1 (4/15/2014: 0.92 ug/L), VSL-6 (4/15/2014: 7.3 ug/L), VSL-12 (4/15/2014: 0.40 ug/L); **trichloroethene:** VSL-6 (4/15/2014: 0.40 ug/L); **trichlorofluoromethane:** VSL-6 (4/15/2014: 0.92 ug/L); **Nitrate (MCL [as N]=10 mg/L):** VSL-6 (4/15/2014: 12 mg/L), VSL-18 (4/15/2014: 18 mg/L)

We understand an Evaluation Monitoring Program and Corrective Action Plan are being implemented at the facility and that a landfill gas extraction system has been installed to address the release.

Should you have any questions, regarding the notification, please contact Christy Hunter at 760-241-7373 (chunter@waterboards.ca.gov).

Thank you for your time,

Kerri O'Keefe

Kerri O'Keefe
Scientific Aid
Lahontan Regional Water Quality Control Board
(760) 241-6583

DEPARTMENT OF PUBLIC WORKS

FLOOD CONTROL • ENVIRONMENTAL & CONSTRUCTION • OPERATIONS
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222 West Hospitality Lane, Second Floor • San Bernardino, CA 92415-0017 • (909) 386-8701
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GERRY NEWCOMBE
DIRECTOR OF PUBLIC WORKS

July 15, 2014

California Regional Water Quality Control Board
Lahontan Region
14440 Civic Drive, Suite 200
Victorville, California 92392

Facility Name: Victorville Sanitary Landfill

Contact Person: David R. Doublet, P.E.
Job Title: Chief Engineer
Address: County of San Bernardino
Solid Waste Management Division
222 West Hospitality Lane, Second Floor
San Bernardino, California 92415-0017
Phone: (909) 386-8701
Email: d.doublet@dpw.sbcounty.gov

The County of San Bernardino Solid Waste Management Division (SWMD) is pleased to present the Second Quarter 2014 Water Quality Monitoring Report for the above referenced landfill. Following a request from the California Regional Water Quality Control Board – Lahontan Region, SWMD has also prepared the attached one-page summary describing the site and findings of the monitoring program.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision following a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my knowledge of the person(s) who manage the system or those directly responsible for data gathering, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you have any questions regarding this submittal, please contact Sharon Bishop at (909) 386-8629, or Chris Saed at (909) 386-8761.

Sincerely,

David R. Doublet, P.E.
Chief Engineer

DRD:CS:SLB:js

GREGORY C. DEVEREAUX
Chief Executive Officer

Board of Supervisors

ROBERT A. LOVINGOOD.....First District
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JAMES RAMOS.....Third District
GARY C. OVITT.....Fourth District
JOSIE GONZALES.....Fifth District

Facility Name:	**Victorville Sanitary Landfill**
Address:	Section 23 Township 6 North, Range 4 West San Bernardino Baseline and Meridian
WDR/NPDES Order Number:	R6V-2004-0027
WDID Number:	6B360304025
Type of Report:	Monthly [Quarterly] Semi-Annual Annual Other
Month(s) (circle applicable month[s]):	JAN FEB MAR [APR MAY JUN] JUL AUG SEP OCT NOV DEC
Year:	Second Quarter 2014
Violation(s)? (Please check one):	NO [YES]*

*If YES is marked complete items A-G (Attach Additional information as necessary)

a) Brief Description of Violation:	VOCs detected in groundwater samples from site compliance wells; concentrations of inorganic compounds in samples from downgradient wells exceed background concentrations.
b) Section(s) of WDRs/NPDES Permit Violated:	Part III.A.7 – Requirements and Prohibitions (Measurable concentrations of VOCs in groundwater)
c) Reported Value(s) or Volume:	Discussed in Section 5.0 and, Tables 5-7 through 5-15.
d) WDRs/NPDES Limit/Condition:	Discussed in Sections 2.0 through 4.0 and Table 5-15.
e) Date(s) and Duration of Violation(s):	First identified in September 1990.
f) Explanation of Cause(s):	Release of landfill constituents to groundwater, possibly due to landfill gas.
g) Corrective Action(s) (Specify actions taken and a schedule for actions to be taken):	SWMD is implementing an EMP and CAP. A landfill gas extraction system was constructed in October 2003. Well VSL-18 and piezometers BMWP-1 and BMWP-2 were installed in 2005.

COUNTY OF SAN BERNARDINO
WATER QUALITY MONITORING REPORT

SECOND QUARTER 2014

VICTORVILLE SANITARY LANDFILL
WDID NO.: 6B360304025

JULY 2014
PROJECT NO. 2013.0089

SUBMITTED TO:

California Regional Water Quality Control Board
Lahontan Region
14440 Civic Drive, Suite 200
Victorville, California 92392

SUBMITTED BY:

County of San Bernardino
Solid Waste Management Division
222 W. Hospitality Lane, 2nd Floor
San Bernardino, California 92415-0017

PREPARED BY:

Geo-Logic Associates
1831 Commercenter East
San Bernardino, California 92408
(909) 383-8728

PREFACE

This document provides the results from the second quarter 2014 monitoring event that was conducted at the Victorville Sanitary Landfill (VSL). The VSL is owned and managed by the County of San Bernardino (County) Solid Waste Management Division (SWMD). The monitoring requirements for the VSL are stipulated in the Waste Discharge Requirements (WDRs) and Monitoring and Reporting Program (M&RP) that were issued by the California Regional Water Quality Control Board – Lahontan Region in Order Number R6V-2004-0027. The specific order requirement and corresponding section in which the information is presented in this report are provided in the table on the following page.

Geo-Logic Associates, Inc. (GLA) prepared this report in accordance with the provisions of County contract number 13-366. Principal GLA personnel involved with the preparation of this report include Mr. Jason A. Sapp, PG, CHg, who serves as the Senior Geologist, and Ms. Terri Satterfield, who serves as the Reporting Geologist.

Approved:

Terri Satterfield
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Order Requirement No. R6V-2004-0027	Report Section
Report Signature, Name, and Telephone Number of Individual who can answer questions about the report (Standard Provision Section 2e, and MRP General Provision 3.d)	Preface page
Identification of Analytical Methods (MRP General Provisions 1.a and 1.c)	Table 2-1
Identification of Certified Laboratory (MRP General Provision 1.b)	Sect. 2.0
Sampling and Chain-of-Custody Procedures (MRP General Provision 1.d)	Sect. 2.0
Equipment calibration and maintenance (MRP General Provision 1.e)	Sect. 2.0 and Appendix A
Proposed or Completed Corrective Actions (MRP General Provision 3.a)	Sect. 1.0
Summary of Operational and Maintenance Problems (MRP General Provision 3.c)	Quarterly Subtitle 'D' Observation Report
Summary of Modifications, Maintenance, or Additions to Disposal Site or Treatment Facility(ies) (MRP General Provision 3.c)	Quarterly Subtitle 'D' Observation Report
The Monitoring and Reporting Program Number (MRP General Provision 3.e.ii)	Pg. 1
The WDID Number (MRP General Provision 3.e.iii)	Pg. 1
Results of Groundwater and Unsaturated Zone Monitoring (MRP Sections II.A and IV.A.1.a)	Sect. 5.2
Tabular reporting of depth to groundwater, static water level, electrical conductivity, pH, temperature, and turbidity (MRP Section II.A.1.d)	Tables 5-1 through 5-15
Description and Graphical Presentation of Groundwater Flow Direction (degrees), Gradient (ft/mile), and Velocity (ft/year) (MRP Sections II.A.1.d and IV.A.1.d)	Sect. 5.1
Monitoring of cover condition (MRP Section II.A.1.e)	Quarterly Subtitle 'D' Observation Report
Statistical Methods and Results/Tolerance Interval Interwell Comparisons (MRP Sections III.A and VI.A.1.a)	Sect. 4-1 and 5.2.1 and Table 5-15
Summary of observations regarding physical evidence of release (vegetation loss, soil discoloration, and time-series plots) (MRP Section III.B)	Sect. 6.0
Executive Summary/Transmittal Letter including new violations and planned or completed corrective actions. (MRP Sections IV.A.1.b and c)	Preface pages
Post-Closure Maintenance cover conditions. Opinion of the adequacy of the cover. Planned or completed final cover corrective actions. (MRP Section IV.A.1.e)	Quarterly Subtitle 'D' Observation Report
Monitoring Point Location Map (MRP Section IV.A.1.d)	Figure 1

EXECUTIVE SUMMARY

This report presents a summary of the groundwater and soil-pore gas monitoring activities that were completed during the second quarter 2014 monitoring period for the Victorville Sanitary Landfill (VSL). The VSL is operated by the County of San Bernardino Solid Waste Management Division (SWMD) and monitored in accordance with the Evaluation Monitoring Program (EMP) detailed in Regional Water Quality Control Board (RWQCB) Order No. R6V-2004-0027. As presented herein, groundwater flow and groundwater, leachate, and soil-pore gas chemistry data that have been collected were analyzed to identify changes that may have occurred since the previous monitoring period.

Second quarter 2014 groundwater monitoring results were generally consistent when compared with historical data. Volatile organic compounds (VOCs) including tetrachloroethene (PCE) and dichlorodifluoromethene were identified in the samples from upgradient well VSL-1, and downgradient wells VSL-6 and VSL-12, in addition to trichloroethene and trichlorofluoromethane at well VSL-6. The PCE measured at a trace concentration in the sample from well VSL-12 (0.40 micrograms per liter [µg/L]) was slightly above the historical intrawell maximum value (0.32 µg/L) as was the dichlorodifluoromethane (DCDFM) results in VSL-1 and VLS-12 (1.4 µg/L and 1.2 µg/L, respectively. (Of note, the DCDFM results were flagged on the laboratory report as suspect due to an initial equipment calibration error.) The State and Federal maximum contaminant level (MCL) of 5 µg/L was exceeded for the PCE result in the sample from well VSL-6 (7.3 µg/L) as was the State and Federal MCL for the nitrate (as nitrogen [N]) results for wells VSL-6 and VSL-18 (12 milligrams per liter [mg/L] and 18 mg/L, respectively).

Trend analyses of groundwater data suggest that most constituent concentrations are static or decreasing over time. Exceptions are noted for the PCE results at well VSL-1 which has slightly increased during the last year and for PCE and DCDFM at well VSL-6, which have been slightly increasing over the last five years.

In accordance with Board Order R6V-2004-0027, VSL soil-pore gas probes were field-screened for fixed gases. Because methane concentrations were measured below five percent in all probes except VSLG-5D, samples were collected for laboratory analyses only from VSLG-5D. Analytical results for the methane concentration was 3.9 percent by volume in the sample from VSLG-5D and all laboratory results for VOC constituents and fixed gas concentrations were reported within historical intrawell ranges.

Leachate results collected from Phase 1A indicated that all constituent concentrations were measured below historical concentrations and no new VOCs were detected. Phase 1B holding tank was dry during the site visit.

Historical monitoring data indicate that groundwater beneath the VSL has been impacted by inorganic and organic constituents. In response, SWMD implemented an EMP to assess site conditions, and installed a landfill gas collection system to reduce the migration of VOCs from the landfill.

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APPENDIX A

FIELD NOTES, CERTIFICATES OF ANALYSES AND CHAIN-OF-CUSTODY RECORDS

LIST OF ACRONYMS AND ABBREVIATIONS

1,1-DCA	1,1-dichloroethane
1,1-DCB	1,1-dichlorobenzene
1,1,1-TCA	1,1,1-trichloroethane
1,2-DCB	1,2-dichlorobenzene
1,3-DCB	1,3-dichlorobenzene
1,4-DCB	1,4-dichlorobenzene
1,1-DCE	1,1-dichloroethene
1,2-DCE	1,2-dichloroethene
1,2-DCP	1,2-dichloropropane
µg/L	micrograms per liter
µmhos/cm	micromhos per centimeter
%	percent
%V	percent by volume
§	Section (CCR Title 27 designation)
AA	atomic absorption spectrometry
ANOVA	analysis of variance
ARAR	applicable or relevant and appropriate requirement
ASTM	American Society for Testing and Materials
BD	borehole diameter
BDCM	bromodichloromethane
BV	borehole volume
CAP	Corrective Action Program
CCR	California Code of Regulations
cDCE	cis-1,2-dichloroethene
CFR	Code of Federal Regulations
CN	cyanide
COCs	constituents of concern
CV/AA	cold vapor/atomic adsorption spectrometry
DBCM	dibromochloromethane
DCDFM	dichlorodifluoromethane
DMP	Detection Monitoring Program
EC	electrical conductivity
EFS	Engineering Feasibility Study
EMP	Evaluation Monitoring Program
EPA	United States Environmental Protection Agency
ft	foot
GC-ECD	gas chromatography - electron capture detector
GC-ELCD	gas chromatography - electrolytic conductivity detector
GC-FID	gas chromatography - flame ionization detector
GC/MS	gas chromatography/mass spectrometry

GLA	GeoLogic Associates

LIST OF ACRONYMS AND ABBREVIATIONS (CONT'D)

HCl	hydrochloric acid
HW	height of water column within well
ICP	inductively coupled plasma spectrometry
J	trace concentration
MBAS	methylene blue active substances
MCL	maximum contaminant level
MDL	method detection limit
mg/L	milligrams per liter
msl	mean sea level
MRP	Monitoring and Reporting Program
N or N_2	nitrogen
NA	not analyzed
NaOH	sodium hydroxide
NC	not calculated
ND	not detected
NR	not recorded
NV	no value available
P	porosity
PCBs	polychlorinated biphenyls
PCE	tetrachloroethene
ppb V/V	parts per billion volume per volume
PQL	practical quantitation limit
QA/QC	quality assurance/quality control
RPD	relative percent difference
RWQCB	California Regional Water Quality Control Board, Lahontan Region
SAC_APP	GLA's In-House Statistical Applications Program
SVOC	semi-volatile organic compound
SWMD	County of San Bernardino Solid Waste Management Division
TCE	trichloroethene
TCFM	trichlorofluoromethane
tDCE	trans-1,2-dichloroethene
TDS	total dissolved solids
VOC	volatile organic compound

LIST OF DEFINITIONS

Action Level – Non-enforceable, health-based guidance numbers provided as interim guidance for "safe" levels of contaminants in drinking water where no maximum contaminant levels (MCLs) have been established.

Active – "The period when waste is being accepted for disposal at a disposal site" (California Code of Regulations [CCR], Title 27, Article 2, §20164).

Alluvium – A general term for detrital deposits made by streams on riverbeds, flood plains, and alluvial fans.

Aquifer – Rock or sediment in a formation, group of formations, or part of a formation that is saturated and sufficiently permeable to transmit economic quantities of water to a well or spring.

Basin Objective – "The limits or levels of water quality constituents or characteristics which are established for the reasonable protection of beneficial uses of water or the prevention of nuisance within a specific area," as established by the Regional Water Quality Control Board, Lahontan Region (RWQCB).

Bedrock – A general term for the consolidated (solid) rock that underlies soils or other unconsolidated surficial material.

Compliance Monitoring Well - Located downgradient of the landfill.

Condensate – A liquid condensed from a gas or vapor.

Confined Aquifer – An aquifer bounded above and below by impermeable beds, or by beds of distinctly lower permeability than that of the aquifer itself.

Constituents of Concern (COC) – “Any waste constituent(s), reaction product(s), and hazardous constituent(s) that is reasonably expected to be in or derived from waste contained in a waste management unit” (CCR, Title 27, Chapter 2, Article 2, §20164).

Corrective Action Program (CAP) – “the discharger shall take corrective action to achieve the following goals: to remediate releases from the (waste management) unit; to ensure the discharger achieves compliance with the Water Standard adopted under Section 20390 for that unit” (CCR, Title 27, Chapter 3, §20430).

Degradation – The process by which a chemical is reduced to a less complex form.

LIST OF DEFINITIONS (CONT'D)

Detection Monitoring Program (DMP) – "Water quality monitoring systems that are appropriate for detecting, at the earliest possible time, a release from the (waste management) unit" (CCR, Title 27 §20420).

Equipotential Line – A contour line on the potentiometric surface; a line along which the pressure head of groundwater in an aquifer is the same. Fluid flow is normal to these lines in the direction of decreasing fluid potential.

Evaluation Monitoring Program (EMP) – "Used to assess the nature and extent of the release from the (waste management) unit and to design a corrective action program" (CCR, Title 27, Chapter 3, §20425).

Flow Regime – A subdivision of an aquifer with generally similar groundwater flow characteristics.

Historical Intrawell Maximum Concentration – The maximum concentration of a constituent in the historical database for a particular well.

Holding Time – The time period between sample collection and analysis.

Hydraulic Gradient – Change in head per unit of distance measured in the direction of the steepest change.

Inactive – "A temporary status of a waste management unit (Unit), following the initial receipt of waste, in which the Unit is no longer receiving waste" (CCR, Title 27, Article 2, §20164).

Interwell Analysis – A statistical comparison of water quality data for samples from upgradient (background) wells and downgradient (compliance) wells.

Intrawell Analysis – A statistical comparison that compares changes within samples from a particular well over time.

Leachate – Liquid passing through refuse deposits.

Lysimeter – A sampling device used to collect soil-pore liquid using suction in the unsaturated zone.

LIST OF DEFINITIONS (CONT'D)

Maximum Contaminant Level (MCL) – Federal drinking water standard: "the maximum permissible level of a contaminant in water which is delivered to any user of a public water system" (Code of Federal Regulations [CFR], Title 40, Part 141.2).

Method Detection Limit (MDL) – The minimum concentration that a laboratory can detect (but not quantify) the presence of a given analyte. The value is variable between laboratories and analytical methods.

Organic Vapor Meter (OVM) – A photo-ionizing device used in the field to detect the presence of VOCs.

Piezometer – A non-pumping well, generally of small diameter, that is used to measure the elevation of the water table or potentiometric surface.

Point of Compliance (POC) – "A vertical surface located at the hydraulically downgradient limit of a waste management unit and that extends through the uppermost aquifer underlying the unit" (CCR, Title 27, Chapter 2, Article 2, §20164).

Porosity – The voids or openings in a rock or soil. Porosity may be expressed quantitatively as the ratio of the volume of openings in a rock or soil to the total volume of rock.

Potentiometric Surface – A surface that represents the level to which water will rise in tightly cased wells. If the head varies significantly with depth in the aquifer, then there may be more than one potentiometric surface. The water table is a particular potentiometric surface for an unconfined aquifer.

Practical Quantitation Limit (PQL) – The minimum concentration that a laboratory can detect and quantify the presence of a given analyte. The value is variable between laboratories and analytical methods.

Regional Aquifer – Water-bearing layers of rock or soil that will yield water in usable quantity over a region.

Release – An unauthorized discharge of waste constituents from a landfill, in either liquid or gaseous phase, that results in the degradation of any present or potential future use of groundwater or surface water.

Soil-Pore Gas Monitoring Station – a site containing a cluster of two or more soil-pore gas monitoring probes.

LIST OF DEFINITIONS (CONT'D)

Static Water Level – The level of water in a well that is not being affected by withdrawal of groundwater.

Statistical Hit – A statistical finding of a significant difference in constituent concentrations either between wells (interwell analysis) or within a single well over time (intrawell analysis).

Storativity – The volume of water an aquifer releases from or takes into storage per unit surface area of the aquifer per unit change in head.

Transmissivity – The rate at which water of a prevailing density and viscosity is transmitted through a unit width of an aquifer under a unit hydraulic gradient. It equals the hydraulic conductivity multiplied by the aquifer thickness.

Unconfined Aquifer – Groundwater that has a free water table, i.e., is not confined under pressure beneath relatively impermeable rocks.

Vadose Zone – The unsaturated subsurface zone usually starting at the land surface that contains both water and air.

Water Quality Protection Standard (WQPS) – "For each Unit, the RWQCB shall establish a water quality protection standard (Water Standard) in the WDRs. This Water Standard shall consist of the list of constituents of concern (under §20395), the concentration limits (under §20400), and the Point of Compliance and all Monitoring Points (under §20405). This Water Standard shall apply during the active life of the Unit, the closure period, the post-closure maintenance period, and during any compliance period (under §20410)" (CCR, Title 27, Chapter 3, §20390).

Water Table – The level in the saturated zone at which the pressure is equal to atmospheric pressure.

1.0 INTRODUCTION

This report presents the results of groundwater flow, and groundwater, soil-pore gas, and leachate sampling and analyses that were conducted at the Victorville Sanitary Landfill (VSL) during the second quarter 2014 monitoring period. This report was prepared to comply with the Monitoring and Reporting Program (M&RP) requirements included in RWQCB Order No. R6V-2004-0027.

The VSL, located in the jurisdiction of the California Regional Water Quality Control Board – Lahontan Region (RWQCB), is owned and operated by the San Bernardino County Solid Waste Management Division (SWMD). The VSL began operations in 1955 as an unlined Class III municipal solid waste disposal site. The property covers 490 acres of the south-central Mojave Desert approximately 4 miles north of the city of Victorville in Section 23, Township 6 north, Range 4 west, San Bernardino Baseline and Meridian. Septage waste disposal activities at the VSL ceased in 1998 and the former desiccation ponds were clean-closed in September 2000. In 2007, the VSL was expanded with the construction of lined waste disposal unit Phase IA, in 2009 with the completion of lined cell Stage 1 of Phase IB, and 2012 with Stage 2 of Phase IB. The VSL is currently under an Evaluation Monitoring Program (EMP) where groundwater and soil-pore gas monitoring are conducted on a quarterly basis, and leachate monitoring is conducted semiannually.

Records of daily waste intake volumes, observations regarding landfill conditions and improvements, and regular inspection reports for the VSL are maintained by the County and included in the document entitled "Quarterly Subtitle 'D' Monitoring Report - Lahontan RWQCB, Second Quarter 2014" (SWMD, 2014) submitted under separate cover.

This report has been divided into seven sections that include this introduction (Section 1), a summary of the project sampling and analysis plan (Section 2), a discussion of laboratory analyses and quality assurance/quality control (QA/QC) data for County waste disposal sites in the Lahontan Region that were sampled this quarter (Section 3), an overview of applicable or relevant and appropriate requirements (ARARs) with time-series plots and trend analyses (Section 4), presentation of quarterly monitoring data for the VSL (Sections 5), a summary of current and historical monitoring results (Section 6), and references cited in this report (Section 7).

In accordance with the M&RP for the VSL, the following information is included in this report: groundwater elevations and aquifer hydraulic gradients, groundwater chemistry including new historical intrawell maximum concentrations; trend analyses; a comparison of each groundwater constituent concentration to its respective ARAR; an evaluation of soil-pore gas chemistry; and appropriate conclusions and recommendations derived from these data. Appendix A contains copies of original laboratory data and supporting field documentation for the current monitoring period.

2.0 SAMPLING AND ANALYSIS PLAN

Sampling and analyses were performed in general accordance with RWQCB Order No. R6V-2004-0027 and pursuant to California Code of Regulations (CCR) Title 27. A brief summary of the program is presented below.

Samples from groundwater monitoring wells were tested for metal surrogates (chloride, nitrate [as nitrogen (N)], sulfate, total dissolved solids [TDS]), and volatile organic compounds (VOCs). Field parameters were also measured for pH, temperature, specific conductance, turbidity, and dissolved oxygen. Samples obtained from soil-pore gas monitoring probes were tested in the field for fixed gases (oxygen, carbon dioxide, nitrogen, and methane).

Table 2-1 presents the type of sample container and preservative and analytical methods and techniques used by the laboratory during the current monitoring event. Copies of the certificates of analyses and chain-of-custody records for the samples collected this quarter and supporting field documentation are included in Appendix A.

2.1 Groundwater Sampling

The sampling protocols listed below were generally followed during groundwater sampling operations.

- Upon arrival at the wellhead, the monitoring point was inspected for evidence of tampering and/or vandalism, and the well identification was recorded.

- Prior to sounding each well, a weighted water-level indicator (sounder) was decontaminated using Alconox® soap solution followed by two rinses with deionized water. The wells were then sounded and the initial water level and, if possible, the total depth of the well recorded on a Well Data Sheet. Several wells at the VSL contain pneumatic (air-line) water level meters (bubblers). In these wells, the depth to water is obtained by measuring the pressure resistance against a bubble of air injected into the bubbler tube.

Groundwater Sampling Using Non-Dedicated Equipment

- For wells with non-dedicated sampling equipment (VSL-10 and VSL-18), up to three well volumes (under optimal conditions) of water were purged prior to sampling. Based on the measured depth to water, the total depth of the well, and the known casing diameter, well purge volumes were calculated using the following equation:

$$BV = (7.48\pi/4)\,[CD^2 + P(BD^2 - CD^2)](HW)$$

where:

BV	=	well borehole volume (gallons)
P	=	porosity of the filter pack (percent; e.g., for 20% use 0.20)
BD	=	borehole diameter (feet)
CD	=	casing diameter (feet)
HW	=	height of water column within well (feet)
7.48	=	conversion from cubic feet to gallons

- Purged water was evacuated from the wells using a new disposable bailer.

- Each well with sufficient recharge was typically purged of three borehole volumes and allowed to recover 80 percent prior to sampling. Slow-recharge wells were purged of a minimum of one borehole volume and allowed to recover sufficiently (for a period of no more than two hours) prior to sampling.

- To assess the presence of fresh water coming into the well, electrical conductivity, pH, dissolved oxygen, turbidity, salinity, and temperature were monitored after approximately every five or ten gallons of purging, depending on the well and total estimated purge volume requirements.

- Where a bailer was used for sample collection, a bottom-emptying device was inserted into the bailer and the sample was transferred from the bailer to the container at a slow rate that minimized aeration.

Groundwater Sampling Using Low-Flow Purging Methods

- Groundwater monitoring wells that are equipped with dedicated sampling equipment were purged and sampled using low-flow purging methods (VSL-1, VSL-4, VSL-6, VSL-8, VSL-11, and VSL-12).

- Utilizing an air-line water level meter to measure changes in water level, submersible pumps were operated at a discharge rate to minimize the decline in water level.

- Discharged water was routed through a sampling chamber equipped with probes for measuring dissolved oxygen, electrical conductivity, pH, salinity, temperature, and turbidity. When three consecutive readings of these field parameters had stabilized to within 10% of each other, with no discernible upward or downward trend, the water quality was determined to be stable and samples were collected.

Groundwater Sample Collection and Preparation

- Samples were collected into approved sample containers (Table 2-1) and each container was filled completely and immediately capped, labeled and placed in a cooler with ice. Samples for VOC analysis were filled by pouring the sample down the sides of the container to minimize aeration, and these sample vials were capped with no airspace.

- Upon collection, samples were placed immediately in an ice-filled cooler for transport to a state-certified testing laboratory. Samples were kept chilled (at about 4ºC) until delivery.

- A completed chain-of-custody form, detailing the sample identification numbers, date and time collected, analyses requested, and other project information, accompanied each sample to the laboratory. Copies of the chain-of-custody forms are provided in Appendix A.

2.2 Leachate Sampling

Leachate sampling is conducted semiannually at the VSL during April and October. The sampling protocols listed below are followed during leachate sampling operations.

- Leachate sampling is performed by filling laboratory-supplied sample containers from above-ground collection tanks located at the expansion areas 1A and 1B (identified as L-1A and L-1B on chain-of-custody forms).

- Vadose zone liquid in the sub-drain at L-1B is monitored quarterly and a sample is collected when liquid is present.

- Sample preservation and chain-of-custody procedures described above for groundwater sampling are also adhered to for leachate sample collection.

2.3 Soil-Pore Gas Sampling

Soil-pore gas sampling protocols were generally completed as discussed below.

- Soil-pore gas is field-screened using a Landtec GEM 2000 field meter. When methane was measured equal to or above five percent by volume (%V), samples are collected for laboratory analyses.

- Soil-pore gas extraction is performed using a stainless-steel, gas-sampling pump with a non-lubricated Viton® diaphragm and a maximum no load flow rate of 32 liters per

minute. The bag valve was maintained in the closed position until sampling was initiated.

- For purging and sampling, the gas-sampling pump is connected to a sample port located at the top of the monitoring probe using Teflon® tubing. After attaching the sample train to the probe, the probe is purged for 30 to 50 seconds to flush out the probe and sample train. Once the probe and train are flushed, the pump and tubing are attached to the Tedlar® sample bag. All gas samples are pumped directly from the gas-monitoring probe via the stainless-steel sampling pump and through new factory-cleaned Teflon® tubing into the Tedlar® bags.

- Chain-of-custody procedures described above for groundwater sampling are also adhered to for soil-gas sample collection (Appendix A).

3.0 QA/QC EVALUATION

With the intent to discern QA/QC issues region-wide, the QA/QC results discussed in Section 3 pertain to groundwater, leachate, soil-pore gas, and surface water samples obtained from San Bernardino County RWQCB-Lahontan Region landfills and disposal sites scheduled during the second quarter of 2014.

The samples collected from San Bernardino Landfill/Disposal sites were analyzed for routine monitoring parameters as ordered by individual site WDRs. The QA/QC program completed for the Lahontan Region included analyses of duplicate samples (as shown in the table below), trip/travel blanks, field blanks, equipment blanks (as necessary), and laboratory method blanks. Field blank, equipment blank, and trip blank samples were analyzed only for VOCs (Method 8260 for liquid samples and Method TO-14 for soil-pore gas samples), and method blanks were analyzed for all of the analytes included in the monitoring program. All QA/QC duplicate samples accompanied the primary sample submittals, and Tables 3-1 through 3-8 include a summary of the QA/QC data compiled during the current monitoring period.

Table 3-1 lists sampling and analytical testing dates. In reviewing these data, it is important to recognize the holding times for the particular constituents. Samples for general chemistry constituents should be analyzed within 1 to 14 days of sample collection depending on the analyte, although nitrate (as N) analyses must be completed within 48 hours of sample collection. Samples for pending metals analyses can be held for up to six months before testing is completed. The volatile organic analysis sample vials contain hydrochloric acid as a preservative, and the samples must be analyzed within 14 days after collection. Gas samples should be analyzed within 72 hours to limit sample loss and degradation. Table 3-2 lists the results of the QA/QC analytical program by listing the analytes that were detected in the blank samples.

The following table summarizes the duplicate sampling that was performed in the Lahontan Region during the current quarter.

Summary of Lahontan Region Duplicate Samples

SITE ID.	SAMPLE ID.	TABLE NO.
GROUNDWATER SAMPLE DUPLICATES		
Apple Valley Sanitary Landfill	AVSL-12	3-3
Heaps Peak Disposal Site	HP-2	3-4
Lenwood-Hinkley Sanitary Landfill	LH-17	3-5
Victorville Sanitary Landfill	VSL-11	3-6
SOIL-PORE GAS SAMPLE DUPLICATES		
Trona-Argus Sanitary Landfill	TG-1S	3-7
SURFACE WATER SAMPLE DUPLICATES		
Heaps Peak Disposal Site	HPS-3	3-8

The QA/QC efforts completed during the second quarter/first semiannual 2014 monitoring period yielded the following results:

- Based on review of the chain-of-custody documentation, all samples received by the laboratory were properly preserved, sealed, and chilled in accordance with EPA guidelines;
- Based on a review of the sample dates and analysis dates (Table 3-1), all testing was conducted within the respective constituent holding times;
- Groundwater method blank results for the Lahontan Region included trace and low-level concentrations of chloride, sulfate, non-volatile organic carbon, and sodium (Table 3-2);
- No VOCs were identified in any field, trip, or equipment blank liquid samples (Table 3-2);
- No VOCs were detected in the trip blank samples that were prepared for the Lahontan Region gas samples (Table 3-2);
- Variation between quantifiable duplicate and primary groundwater results were less than 13% indicating good agreement (Table 3-3 through 3-6).
- Relative percent difference (RPD) of up to 165 percent was calculated for duplicate and primary soil-pore gas results at Trona-Argus landfill (Table 3-7).
- Variation between quantifiable duplicate and primary surface water results were less than 18 percent at the Heaps Peak Disposal Site indicating good agreement (Table 3-8).

The differences calculated between the primary and duplicate soil-pore gas samples are not uncommon due to sampling procedures and spatial variability of vadose zone conditions. Based on the results of the QA/QC program, the analytical results presented herein are considered acceptable for their intended purposes.

4.0 DATA ANALYSIS

4.1 Statistical Data Analysis

In response to 40 CFR 258 and CCR Title 27 requirements, groundwater data obtained from landfills undergoing detection monitoring program (DMP) are statistically analyzed. The VSL is currently undergoing an EMP study however, and the groundwater monitoring data from this site is evaluated using time-series plots and concentration trend analyses.

4.2 ARARs

The analytical results were also compared in deterministic terms with the State (CCR Title 22) and Federal (40 CFR 141) water quality standards and, where applicable, with the RWQCB Regional Basin Objectives.

4.3 Trend Analysis

Trend analyses of historical water quality data are generally performed in lieu of traditional statistical analyses for sites undergoing an EMP study. Historical analytical trends for each well have been evaluated using time-series plots. If an analyte was not analyzed (NA) during a particular monitoring event a gap appears in the trend line during that period. Intrawell plots compare concentrations of several different analytes historically measured in samples from one well. Interwell plots compare concentrations of one analyte measured in samples from both background and compliance wells, with solid lines depicting compliance well data and dashed lines representing background well data. When appropriate, the analyte's historical MDL values have been plotted, and non-detections are calculated at one-half the MDL for that monitoring period. For those analytes that have a federally-established maximum contaminant level (MCL), that value is plotted on the time-series graphs as a dashed line. A discussion of trend analyses is included in Section 5.

5.0 SITE MONITORING ACTIVITIES

Groundwater, soil-pore gas, and leachate monitoring are conducted at the VSL in accordance with the following schedule:

- Quarterly groundwater elevation measurements at all monitoring wells and piezometers;
- Quarterly groundwater sampling of two background and six downgradient wells for field parameters, metal surrogates, and VOCs;
- Quarterly monitoring of five soil-pore gas probes for fixed-gas constituents, annual sampling for VOC analyses only when methane concentrations equal or exceed five percent by volume;

- Quarterly monitoring of vadose zone liquid and testing for same parameters as groundwater if liquid is present;
- Semiannual leachate sampling (April/October) at the Phase 1A and Phase 1B expansion areas for routine monitoring parameters (pH, specific conductance, metal surrogates, select metals, VOCs, and semi-VOCs [SVOCs]);
- Once every five years, testing liquid samples for COCs. Analyses include dissolved inorganics, SVOCs, polychlorinated biphenyls, herbicides, and pesticides (next event scheduled for the second quarter 2015);
- Submittal of quarterly and annual monitoring (fourth quarter) reports.

The following table summarizes the EMP network at the site, as shown in Figure 1:

MONITORING POINT	MONITORING POINT I.D.
Groundwater Monitoring Well – Background	VSL-1 and VSL-4
Groundwater Monitoring Well – Compliance	VSL-6, VSL-8, VSL-10, VSL-11, VSL-12, and VSL-18
Abandoned Groundwater Monitoring Well	VSL-2, VSL-3, VSL-5, VSL-7, and VSL-9
Leachate	L-1A and L-1B
Leachate Subdrain	L-1B
Piezometer	VSL-13, VSL-14, VSL-15, VSL-16, VSL-17, BMWP-1, and BMWP-2
Soil-Pore Gas Monitoring Probe	VSLG-1S/D, VSLG-2S/D, VSLG-3S/D, VSLG-4S/I/D, and VSLG-5S/D

During the second quarter 2014 monitoring event, groundwater elevations were measured, groundwater, leachate, and gas samples were collected, and soil-pore gas was monitored on April 15.

5.1 Groundwater Potentiometric-Surface Elevations

Prior to purging and sampling, the depth to water in each well was measured using either a weighted electronic sounder or dedicated bubbler and recorded on a well data sheet. The groundwater potentiometric-surface elevations shown on Figure 1 were calculated by subtracting the depth-to-water from the reference elevation. The current and historical groundwater potentiometric-surface elevation data for the VSL are summarized in Table 5-1.

Groundwater depths at the VSL range from approximately 102 to 286 feet below ground surface. During the period between January 16 and April 15, 2014, the following changes in groundwater elevation were observed:

Well	Change in Groundwater Elevation (feet)
VSL-1	+0.12
VSL-4	+0.06
VSL-6	+0.05
VSL-8	+0.27
VSL-10	+0.18
VSL-11	+0.40
VSL-12	+0.14
VSL-13-2	+0.12

Well	Change in Groundwater Elevation (feet)
VSL-13-4	+0.24
VSL-14	+0.09
VSL-15	+0.10
VSL-16	+0.23
VSL-17	+0.15
VSL-18	+0.20
BMWP-1	+0.14
BMWP-2	-0.45

Current groundwater potentiometric surface elevations shown in Figure 1 suggest a single flow regime beneath the site that includes northwesterly, westerly, and southwesterly components of flow. The aquifer in the northern portion of the site is fractured bedrock, has a hydraulic gradient of approximately 0.10 ft/ft (*i*), an effective porosity *(n_e)* of 0.10 to 0.15 (Driscoll, 1986), and a hydraulic conductivity *(K)* of 22 ft/day (EMCON, 1996). To the south, groundwater flows in alluvial sands and gravels with an approximate gradient of 0.10 ft/ft, an effective porosity of 0.20, and a hydraulic conductivity of 1.0 ft/day. The groundwater flow velocity ($v = Kin_e^{-1}$) at the VSL is estimated between 15 and 22 ft/day in the north and about 0.50 ft/day in the south.

5.2 Second Quarter 2014 Analytical Results

5.2.1 Groundwater

In accordance with Order No. R6V-2004-0027, groundwater monitoring at the VSL included measurement of field parameters, and laboratory analyses for routine monitoring parameters (metal surrogates and VOCs). Tables 5-2 through 5-14 summarize the analytical results of groundwater samples obtained during current and past sampling events at the VSL. Table 5-15 compares the chemistry from background and compliance wells sampled during the current monitoring period.

Second quarter 2014 analytical laboratory results were generally consistent with historical intrawell data. Trace to low-level concentrations of dichlorodifluoromethane and PCE were measured in samples from wells VSL-1, VSL-6, and VSL-12 and concentrations of 1,1-dichloroethane, TCE, and trichlorofluoromethane were also reported for VSL-6.

Historical Intrawell Maximum Concentrations

Laboratory analytical results indicated two monitoring parameters that measured equal to or above respective historical intrawell maximum concentrations. These results are summarized in the following table:

Well	Analyte	Units	New Maximum	Previous Maximum
VSL-1	Dichlorodifluoromethane	µg/L	1.4	0.53
VSL-12	Dichlorodifluoromethane	µg/L	1.2	0.13j
	PCE	µg/L	0.40j	0.32j
VSL-18	Nitrate (as N)	mg/L	18	Equaled

Notes: "j" indicates value is between the PQL and MDL. "*" indicates concentration is flagged on laboratory report.

Of note, the dichlorodifluoromethane concentrations in the samples from VSL-1 and VSL-12 were measured above the historical intrawell maximum values however, the analyte's concentrations were flagged on the laboratory report as having an initial equipment calibration error and therefore are considered suspect.

Trend Analysis of Water Quality Data

Figures 2 through 11 present time-series plots for groundwater elevations and inorganic constituent and VOC concentrations measured in VSL groundwater samples. In these figures, background well data are depicted with dashed lines and compliance well data are connected with solid lines. Values for "ND" are calculated as one-half of the MDL reported during that particular monitoring period. An MDL line is plotted on figures depicting individual VOC trends. Data gaps (i.e., a constituent that was not analyzed) are represented by a break in the trend line. Wells and analytes not discussed below have too few data points to establish meaningful trends.

The following table summarizes recent (over the last year) and long-term (the last five years) trends derived from groundwater monitoring data. A discussion of significant trends follows the table.

ANALYTE	UPGRADIENT WELLS		DOWNGRADIENT WELLS					
	VSL-1	VSL-4	VSL-6	VSL-8	VSL-10	VSL-11	VSL-12	VSL-18
Groundwater Elevations	S, S	S, S	i, i	i, i	S, i	i, i	i, i	i, i
GENERAL CHEMISTRY								
Chloride	d, S	S, d	S, S	S, S	d, S	S, S	d, S	d, S
Nitrate (as N)	S, S	d, d	S, V	S, S	d, S	S, S	S, S	S, I
Sulfate	S, S	S, S	S, S	i, V	d, S	d, S	S, S	S, S
Total Dissolved Solids	S, S	V, V	V, V	S, d	S, S	d, S	d, S	S, V
VOLATILE ORGANICS COMPOUNDS								
1,1-Dichloroethane	N	N	S, i	N	N	N	N	N
Dichlorodifluoromethane	S, S	N	i, i	N	N	N	S, N	N
PCE	i, S	N	i, i	N	N	N	S, N	N
TCE	N	N	S, S	N	N	N	N	N
Trichlorofluoromethane	N	N	S, i	N	N	N	N	N

Notes: I = Significant increasing trend. i = Slight increasing trend. First letter = trend over last four monitoring periods.
D = Significant decreasing trend. d = Slight decreasing trend. Second letter = trend observed during the last 5 years.
V = Variable data, no meaningful trend. S = Static data. N = Insufficient data for meaningful trend.
Shaded cells = indicate concentration is currently equal to or above ARAR value.

Monitoring results for groundwater elevation measurements indicate slightly increasing trends at most downgradient wells during the last year. With few exceptions, monitoring constituent concentrations have been generally static, decreasing, or depict wet or dry seasonal variability during the last five years. Exceptions are seen for the PCE and dichlorodifluoromethane

concentrations in samples from well VSL-6 and PCE results at VSL-1, which have been increasing somewhat during the last year or more. Of these exceptions, only the PCE concentration at VSL-6 has been measured above the respective ARAR value (5 micrograms per liter [µg/L]).

ARARs

The following constituent concentrations exceeded State or Federal drinking-water standards during the second quarter 2014 monitoring period (Table 5-15):

ANALYTE	STANDARD	VSL-6	VSL-18
GENERAL CHEMISTRY			
Nitrate (as N) (mg/L)	10 (1,3)	12	18
VOLATILE ORGANIC COMPOUND			
PCE (µg/L)	5 (1,3)	7.3	-

Note: "-"indicates values were below the respective ARAR

5.2.2 Soil-Pore Gas

Soil-pore gas monitoring at the VSL is conducted at five monitoring stations: VSLG-1, VSLG-2, VSLG-3, VSLG-4, and VSLG-5. Each monitoring station includes one shallow probe (designated as S in the sample number), and one deep probe (D in the sample number). In addition, monitoring station VSLG-4 includes an intermediate-depth probe that is designated with an "I" following the sample number.

Second quarter 2014 soil-pore gas monitoring included field-measured concentrations of fixed gases (carbon dioxide, methane, nitrogen, and oxygen) using a Landtec GEM 2000 meter. Methane was measured at low concentrations (less than 5.0 percent by volume [%V]) in samples from probes VSLG-1, VSLG-3, and VSLG-4, and 5.7 %V at VSLG-5D. Because the methane concentration at VSLG-5D exceeded 5.0 %V, a sample was collected for laboratory VOC testing. The laboratory measured methane of a concentration of 3.9 %V and six VOC concentrations were measured below historical maximum values. Historical monitoring results for each probe are presented on Tables 5-16 through 5-26, and Table 5-27 compares current soil-pore monitoring results. Time-series plots of soil-pore gas constituents are presented annually in the fourth quarter on Figures 16 through 22.

5.2.3 Leachate

In accordance with the Order No. R6V-2004-0027, leachate sampling and analyses are conducted at the Phase 1A and Phase 1B expansion areas in April and October of each year and when liquid is detected. The Phase 1B leachate holding tank was dry during the site visit. Current results indicate all concentrations from the L-1A sample were measured within historical ranges per analyte. Current and historical monitoring results are tabulated on Tables 5-28 and 5-29.

6.0 SUMMARY

Second quarter 2014 monitoring activities at the VSL included groundwater elevation measurements, groundwater and leachate sampling and analyses, and soil-pore gas monitoring and analyses. Groundwater elevations were measured at depths between 102 to 286 feet below ground surface and generally increased slightly at all wells since the first quarter of 2014.

Laboratory analytical results were generally consistent with historical monitoring data including measureable to trace concentrations of VOCs that were detected in the samples from background well VSL-1 and compliance wells VSL-6 and VSL-12.

The dichlorodifluoromethane concentration in the samples from wells VSL-1 and VSL-12 (1.4 µg/L and 1.2 µg/L, respectively) and the PCE result in the sample from well VSL-12 (0.40j µg/L) exceeded the historical intrawell maximum value (0.32j µg/L) and the nitrate (as N) results for well VSL-18 equaled the historical intrawell maximum (18 mg/L). (Of note, the dichlorodifluoromethane result was flagged on the laboratory report as being suspect due to an initial equipment calibration error.) The VSL-18 nitrate (as N) results, and the nitrate (as N) and PCE results for well VSL-6 (12 mg/L and 7.3 µg/L, respectively), exceeded respective State and Federal ARARs.

Review of recent and historical trends in the groundwater monitoring results indicate concentrations of most monitoring parameters are generally stable or decreasing over time. Exceptions include the PCE results at well VSL-1 which have slightly increased during the last year, and PCE and dichlorofluoromethane at well VSL-6, which have increased slightly over the last five years.

Second quarter 2014 soil-pore gas monitoring results yielded field-measured methane below five percent (by volume) at all probes except VSLG-5D where a sample was collected for laboratory VOC analysis. All analytical results for VOC constituents and fixed gases were measured within historical ranges.

Leachate results were consistent with historical data from the Phase 1A sample. No new VOCs were detected and all monitoring results were below historical concentrations. The Phase 1B holding tank was dry during the site visit and no sample was collected.

Current and historical data from the VSL indicate that groundwater beneath the site has been impacted by inorganic constituents and organic compounds. In response, SWMD implemented a Phase II EMP and Engineering Feasibility Study (EMCON, 1996) to further assess site conditions and characterize the nature and extent of the apparent release. To help control landfill gas migration at the site, a landfill gas extraction and flare station system was constructed in 2003.

7.0 REFERENCES

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SECTION 2.0

TABLES

TABLE 2-1
VICTORVILLE SANITARY LANDFILL
ANALYTICAL METHODS

GROUNDWATER					
PARAMETER	**TEST METHOD**	**TECHNIQUE**	**CONTAINER**	**PRESERVATIVE**	**HOLDING TIMES**
GENERAL CHEMISTRY					
Chloride	EPA 300.0	Ion Chromatography	Plastic	Cool, 4° C	28 days
Nitrate (N)	EPA 300.0	Colorimetry	Plastic	Cool, 4° C	48 hours
Sulfate	EPA 300.0	Ion Chromatography	Plastic	Cool, 4° C	28 days
Total Dissolved Solids	EPA 160.1	Gravimetric	Plastic	Cool, 4° C	7 days
VOLATILE ORGANIC COMPOUNDS					
Volatile Organics	EPA 8260	GC/MS	VOA-Glass	HCl - Cool, 4° C	14 days
SOIL-PORE GAS					
PARAMETER	**TEST METHOD**	**TECHNIQUE**	**CONTAINER**	**STORAGE**	**HOLDING TIMES**
FIXED GASES					
Carbon Dioxide	EPA 3	GC/FID	Tedlar Bag	Light-Sealed	3 days
Methane	EPA 3	GC/FID	Tedlar Bag	Light-Sealed	3 days
Nitrogen	EPA 3	GC/FID	Tedlar Bag	Light-Sealed	3 days
Oxygen	EPA 3	GC/FID	Tedlar Bag	Light-Sealed	3 days
VOLATILE ORGANIC COMPOUNDS					
Volatile Organic Compounds	EPA TO14	GC/MS	Tedlar Bag	Light-Sealed	3 days

Notes:
ICP - Inductively Coupled Plasma Spectrometry
GC - Gas Chromatograph
EPA - U.S. Environmental Protection Agency
GC-FID - Gas Chromatograph - Flame Ionization Detector

SECTION 3.0

TABLES

COUNTY OF SAN BERNARDINO
WATER QUALITY MONITORING REPORT
LAHONTAN REGION
EXPLANATION FOR TABLES

Sample Holding Times/ Blank Analyses Tables

j - Indicates trace concentration between method detection limit (MDL) and practical quantitation limit (PQL).
mg/L - milligrams per liter.
µg/L - micrograms per liter.
NA - Requires minimum of two data entries.
NS - Not Sampled.

Duplicate Analyses Tables

mg/L - milligrams per liter.
µg/L - micrograms per liter.
V % - Percent Total Volume.
ppb V/V - parts per billion by volume.
( ) - Indicates not detected above PQL.
Value listed is MDL or estimated trace concentration (BOLDED).
NA - Not Analyzed (in data columns).
NC - Not Calculated.
RPD - Relative Percent Difference.
ND - Not Detected.

TABLE 3-1
COUNTY OF SAN BERNARDINO
WATER QUALITY MONITORING REPORT
LAHONTAN REGION
SAMPLE HOLDING TIMES

Landfill	Well Location	Primary Sampling Date	Testing Date		
			General Chemistry	Metals	VOCs
Apple Valley	AVSL-1	4/15/2014	4/17-21/14	NA	4/22/2014
	AVSL-2	4/15/2014	4/17-21/14	NA	4/22/2014
	AVSL-3	4/15/2014	4/17-21/14	NA	4/22/2014
	AVSL-4A	4/15/2014	4/17-21/14	NA	4/22/2014
	AVSL-6	4/15/2014	4/17-21/14	NA	4/22/2014
	AVSL-7	4/14/2014	4/16-18/14	NA	4/17/2014
	AVSL-9	4/15/2014	4/17-21/14	NA	4/22/2014
	AVSL-10	4/14/2014	4/16-18/14	NA	4/17/2014
	AVSL-11	4/14/2014	4/16-18/14	NA	4/17/2014
	AVSL-12	4/14/2014	4/16-18/14	NA	4/17/2014
	AVSL-13	4/14/2014	4/16-18/14	NA	4/17/2014
	AVSL-14	4/14/2014	4/16-18/14	NA	4/17/2014
	AVSL-17	4/14/2014	4/16-18/14	NA	4/17/2014
	AVG-1A (white)	4/15/2014	NA	NA	NA
	AVG-1B (green)	4/15/2014	NA	NA	NA
	AVG-1C (black)	4/15/2014	NA	NA	NA
	AVG-2	4/15/2014	NA	NA	NA
	AVG-3	4/15/2014	NA	NA	NA
Barstow	BRGW-4	4/23/2014	NA	NA	5/1/2014
Heaps Peak	HP-1	4/14/2014	4/16-17/14	4/17/2014	4/16/2014
	HP-2	4/14/2014	4/16-17/14	4/17/2014	4/16/2014
	HP-5	4/14/2014	4/16-17/14	4/17/2014	4/16/2014
	HP-6	4/14/2014	4/16-17/14	4/17/2014	4/16/2017
	HPS-1	4/14/2014	4/15-17/14	4/17/2014	4/17/2014
	HPS-2	4/14/2014	4/15-17/14	4/17/2014	4/17/2014
	HPS-3	4/14/2014	4/15-17/14	4/17/2014	4/17/2014
	LD-1	4/14/2014	4/16-17/14	4/17/2014	4/17/2014
Lenwood-Hinkley	LH-1	4/17/2014	4/19-23/14	NA	4/30/2014
	LH-2A	4/17/2014	4/18-23/14	4/23/2014	4/30/2014
	LH-3	4/17/2014	4/18-23/14	4/23/2014	4/30/2014
	LH-4	4/17/2014	4/18-23/14	4/23/2014	4/30/2014
	LH-7	4/17/2014	4/19-23/14	NA	4/30/2014
	LH-8	4/21/2014	4/22-5/5/14	4/25/2014	4/26/2014
	LH-11	4/21/2014	4/22-25/14	NA	4/26/2014
	LH-12	4/17/2014	4/19-23/14	NA	4/30/2014
	LH-15	4/17/2014	4/19-23/14	NA	4/30/2014
	LH-16	4/17/2014	4/19-23/14	NA	4/30/2014
	LH-17	4/17/2014	4/19-23/14	NA	4/30/2014

TABLE 3-1 (CONT'D)
COUNTY OF SAN BERNARDINO
WATER QUALITY MONITORING REPORT
LAHONTAN REGION
SAMPLE HOLDING TIMES

Landfill	Well Location	Primary Sampling Date	Testing Date		
			General Chemistry	Metals	VOCs
Lenwood-Hinkley continued	LH-18	4/21/2014	4/22-25/14	NA	4/26/2014
	LH-20	4/21/2014	4/22-25/14	NA	4/26/2014
	LH-21S	4/21/2014	4/22-25/14	NA	4/26/2014
	LH-21D	4/21/2014	4/22-25/14	NA	4/26/2014
	LH-22S	4/21/2014	4/22-25/14	NA	4/26/2014
	LH-22D	4/21/2014	4/22-25/14	NA	4/26/2014
	LH-23	4/21/2014	4/22-25/14	NA	4/26/2014
	LHG-1S	4/21/2014	NA	NA	NA
	LHG-1M	4/21/2014	NA	NA	NA
	LHG-1D	4/21/2014	NA	NA	NA
	LHG-2S	4/21/2014	NA	NA	NA
	LHG-2D	4/21/2014	NA	NA	NA
	LHG-3S	4/21/2014	NA	NA	NA
	LHG-3D	4/21/2014	NA	NA	NA
Trona-Argus	TG-1S	5/21/2014	NA	NA	5/23/2014
	TG-1D	5/21/2014	NA	NA	5/23/2014
	TG-2S	5/21/2014	NA	NA	5/23/2014
	TG-2D	5/21/2014	NA	NA	5/23/2014
	TG-3S	5/21/2014	NA	NA	5/23/2014
	TG-3D	5/21/2014	NA	NA	5/23/2014
Victorville	VSL-1	4/15/2014	4/17-21/14	NA	4/22/2014
	VSL-4	4/15/2014	4/17-21/14	NA	4/22/2014
	VSL-6	4/15/2014	4/17-21/14	NA	4/22/2014
	VSL-8	4/15/2014	4/17-21/14	NA	4/22/2014
	VSL-10	4/15/2014	4/17-21/14	NA	4/22/2014
	VSL-11	4/15/2014	4/17-21/14	NA	4/22/2014
	VSL-12	4/15/2014	4/17-21/14	NA	4/22/2014
	VSL-18	4/15/2014	4/17-21/14	NA	4/22/2014
	VSLG-1S	4/15/2014	NA	NA	NA
	VSLG-1D	4/15/2014	NA	NA	NA
	VSLG-3S	4/15/2014	NA	NA	NA
	VSLG-3D	4/15/2014	NA	NA	NA
	VSLG-4S	4/15/2014	NA	NA	NA
	VSLG-4I	4/15/2014	NA	NA	NA
	VSLG-4D	4/15/2014	NA	NA	NA
	VSLG-5S	4/15/2014	NA	NA	NA
	VSLG-5D	4/15/2014	NA	NA	4/18/2014

TABLE 3-2
COUNTY OF SAN BERNARDINO
WATER QUALITY MONITORING REPORT
LAHONTAN REGION
QA/QC SUMMARY DATA / BLANK ANALYSES

Landfill	Blank Type	Date Sampled	Date Analyzed	Reported Analyte Concentrations
Apple Valley	Field Blank	4/14/2014	4/17/2014	None Detected
	Trip Blank	4/14/2014	4/17/2014	None Detected
	Equipment Blank	4/14/2014	4/17/2014	Toluene 0.20j µg/L
	Method Blank	4/14/2014	4/17/2014	Chloride 0.17400j mg/L
	Field Blank	4/15/2014	4/18/2014	None Detected
	Trip Blank	4/15/2014	4/18/2014	None Detected
	Method Blank	4/15/114	4/18/2014	None Detected
Barstow	Field Blank	4/23/2014	5/1/2014	None Detected
	Trip Blank	4/23/2014	5/1/2014	None Detected
	Method Blank	4/23/2014	5/1/2014	None Detected
Heaps Peak	Field Blank	4/14/2014	4/17/2014	None Detected
	Trip Blank	4/14/2014	4/18/2014	None Detected
	Method Blank	4/14/2014	4/18/2014	Chloride 0.22800j mg/L, Sulfate 0.38400j mg/L, and Non-Volatile Organic Carbon 0.10800j mg/L
Lenwood-Hinkley	Field Blank	4/17/2014	4/29/2014	None Detected
	Trip Blank	4/17/2014	4/29/2014	None Detected
	Method Blank	4/17/2014	4/29/2014	Chloride 0.19800j mg/L, Sulfate 0.22500j mg/L, and Sodium 0.0877j mg/L
	Field Blank	4/21/2014	4/26/2014	None Detected
	Trip Blank	4/21/2014	4/26/2014	None Detected
	Method Blank	4/21/2014	4/26/2014	Chloride 0.27000j mg/L and Sulfate 0.32000j mg/L
Trona-Argus	Method Blank (gas)	5/21/2014	5/23/2014	None Detected
	Trip Blank (gas)	5/21/2014	5/23/2014	None Detected
Victorville	Field Blank	4/15/2014	4/18/2014	None Detected
	Trip Blank	4/15/2014	4/18/2014	None Detected
	Method Blank	4/15/2014	4/18/2014	None Detected
	Trip Blank (gas)	4/15/2014	4/18/2014	None Detected
	Trip Blank	4/28/2014	5/3/2014	None Detected
	Field Blank	4/28/2014	5/3/2014	None Detected
	Method Blank	4/28/2014	5/3/2014	Chloride 0.26200j mg/L and Sulfate 0.3290j mg/L

Note: j = trace concentration (between the MDL and PQL).

TABLE 3-3
APPLE VALLEY SANITARY LANDFILL
QA/QC SUMMARY DATA
GROUNDWATER DUPLICATE ANALYSES

ANALYTE	AVSL-12 04/14/14	DUPLICATE 04/14/14	RPD %
GENERAL CHEMISTRY (mg/L)			
Chloride	56	62	10.2
Nitrate (as N)	0.99	0.025	NC
Sulfate	94	94	0.0
Total Dissolved Solids (TDS)	440	450	2.2
VOLATILE ORGANIC COMPOUNDS (mg/L): ND			

TABLE 3-4
HEAPS PEAK DISPOSAL SITE
QA/QC SUMMARY DATA
GROUNDWATER DUPLICATE ANALYSES

ANALYTE	HP-2 04/14/14	DUPLICATE 04/14/14	RPD %
GENERAL CHEMISTRY (mg/L)			
Chloride	3.5	3.5	0.0
Fluoride	0.074	0.069	7.0
Nitrate (as N)	0.025	0.025	NC
Sulfate	3.4	3.4	0.0
Total Dissolved Solids (TDS)	91	92	1.1
METALS (mg/L): ND			
Iron	0.030	0.030	NC
Manganese	0.004	0.004	NC
VOLATILE ORGANIC COMPOUNDS (mg/L): ND			
PURGEABLE AROMATICS AND TOTAL PETROLEUM HYDROCARBONS: ND			

TABLE 3-5
LENWOOD-HINKLEY SANITARY LANDFILL
QA/QC SUMMARY DATA
GROUNDWATER DUPLICATE ANALYSES

ANALYTE	LH-17 04/17/14	DUPLICATE 04/17/14	RPD %
GENERAL CHEMISTRY (mg/L):			
Chloride	180	180	0.0
Nitrate (as N)	5.2	5.9	12.6
Sulfate	170	170	0.0
Total Dissolved Solids (TDS)	1100	1000	9.5
VOLATILE ORGANIC COMPOUNDS (mg/L):			
1,1-Dichloroethane	0.84	0.80	4.9
Methyl t-butyl ether	0.61	0.62	1.6
Tetrachloroethene	**0.37**	**0.37**	NC
Trichloroethene	**0.19**	**0.17**	NC

TABLE 3-6
VICTORVILLE SANITARY LANDFILL
QA/QC SUMMARY DATA
GROUNDWATER DUPLICATE ANALYSES

ANALYTE	VSL-11 04/15/14	DUPLICATE 04/15/14	RPD %
GENERAL CHEMISTRY (mg/L)			
Chloride	41	42	2.41
Nitrate (as N)	0.025	0.37	NC
Sulfate	230	230	0.00
Total Dissolved Solids (TDS)	580	600	3.39
VOLATILE ORGANIC COMPOUNDS (mg/L): ND			

TABLE 3-7
TRONA-ARGUS SANITARY LANDFILL
GAS DUPLICATE ANALYSES

FIXED GASES	UNITS	TG-1S 05/21/14	DUPLICATE 05/21/14	RPD %
Carbon Dioxide, CO_2	V%	0.69	0.63	9.1
Methane, CH_4	V%	0.0002	0.0002	NC
Nitrogen, N_2	V%	78	78	0.0
Oxygen, O_2	V%	21	21	0.0
VOLATILE ORGANIC COMPOUNDS BY TO-14				
1,1-Dichloroethane	ppb (V/V)	0.32	**4.4**	NC
1,2-Dichlorotetrafluoroethane	ppb (V/V)	11	110	163.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	2.1	19	160.2
Benzene	ppb (V/V)	0.68	40	NC
Chloroform	ppb (V/V)	0.51	8.7	NC
Chlromethane	ppb (V/V)	0.51	17	NC
Dichlorodifluoromethane	ppb (V/V)	110	880	155.6
Ethylbenzene	ppb (V/V)	0.50	6.5	NC
p + m-Xylene	ppb (V/V)	1.1	16.0	NC
o-Xylene	ppb (V/V)	0.70	8.2	NC
Styrene	ppb (V/V)	73	56	26.4
Tetrachloroethene	ppb (V/V)	3.4	35	164.6
Toluene	ppb (V/V)	0.51	30	NC
Trichloroethene	ppb (V/V)	0.50	17	NC
Trichlorofluoromethane	ppb (V/V)	30	280	161.3

TABLE 3-8
HEAPS PEAK DISPOSAL SITE
QA/QC SUMMARY DATA
SURFACE WATER DUPLICATE ANALYSES

ANALYTE	HPS-3 04/14/14	DUPLICATE 04/14/14	RPD %
GENERAL CHEMISTRY (mg/L)			
Chloride	3.9	3.9	0.0
Fluoride	0.057	0.057	0.00
Nitrate (as N)	**0.067**	**0.065**	NC
Nitrite (as N)	0.010	0.010	NC
Sulfate	3.4	3.4	0.0
Total Dissolved Solids (TDS)	120	100	18
Total Organic Carbon	1.8	1.9	5.4
Total Suspended Solids (TSS)	5.5	5.0	9.5
METALS (mg/L)			
Dissolved Iron	**0.044**	**0.048**	NC
Total Recoverable Iron	0.093	0.088	5.52
Dissolved Manganese	0.046	0.049	6.32
VOLATILE ORGANIC COMPOUNDS (µg/L): ND			

SECTION 5.0

HISTORICAL TABLES

COUNTY OF SAN BERNARDINO
LAHONTAN REGION
VICTORVILLE SANITARY LANDFILL
EXPLANATION FOR TABLES

Site Monitoring Well Information

-- - Not measured, No data provided, or Abandoned.
ft - feet.
msl - mean sea level.

Historical Tables

NA - Sample was not analyzed for these parameters during the specified sampling round.

[ ] - Indicates not detected above Practical Quantitation Limit (PQL). Value listed is the Method Detection Limit (MDL; left-justified) or estimated trace concentration (bold font and right-justified).

ND - Not detected above Method Detection Limit (MDL). In the case of Total Xylenes, laboratory currently analyzes for three xylene species with concentrations indicated on separate rows, if needed.

NC - Not Calculated. Requires minimum of three data entries.

(5) - Suspected Field or Laboratory Contaminant.
(e) - Analyte analyzed outside of recommended holding time.

Dissolved Oxygen, pH, Specific Conductance, Temperature, and Turbidity are measured in the field, all other results are determined in the laboratory.

mg/L - milligrams per liter.
µg/L - micrograms per liter.
µmhos/cm - micromhos per centimeter.

ppb V/V - parts per billion by volume

NTU - nephelometric turbidity units.
F - degrees Fahrenheit.

Comparison Tables

[ ] - Indicates not detected above (PQL). Value listed is the MDL (left-justified) or estimated trace concentration (bold font and right-justified).

NA - Not Analyzed (in data columns).

NV - No value available.

NC - Not Calculated. Requires minimum of three data entries.

[ ] - Value exceeds the California MCLs.

(1) - California Primary Drinking Water Standards.
(2) - California Secondary Drinking Water Standards.
(3) - Federal Maximum Contaminant Level.
(4) - Federal Secondary Maximum Contaminant Level.

Soil-Pore Gas Tables

[ ] - Indicates not detected above (PQL). Value listed is the MDL (left-justified) or estimated trace concentration (bold font and right-justified).

NA - Not Analyzed (in data columns).

NC - Not Calculated. Requires minimum of three data entries.

ppb(V/V) - parts per billion (volume for volume ratio).

TABLE 5-1A
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION	WELL NUMBER						
	VSL-1	VLS-2	VSL-3	VSL-4	VSL-5	VSL-6	VSL-7
Coordinates of well:							
Northing	2040528.61	--	2038488.45	2041437.77	2039876.61	2037954.52	2039827.67
Easting	6780506.18	--	6781726.06	6780830.48	6780746.87	6780849.58	6780639.52
Elevation of well (ft above msl):							
Top of well monument	--	--	--	--	--	--	--
Ground surface	3050.48	2938.97	2931.72	3091.80	3014.99	2920.73	3016.60
Top of well casing	3056.10	2940.98	2933.97	3094.05	3016.45	2919.98	3018.86
Total depth of well at installatio	229.00	--	291.00	250.00	280.00	282.00	267.00
Depth of screened interval	179-229	--	229-291	190-250	220-280	218-282	227-267
Depth to water from top of well casing (ft):							
01/18/88	207.77	341.66	260.64				
10/13/88	206.92	262.68	260.16				
01/14/89	207.20	267.39	260.12				
04/19/89	207.26	267.15	259.74				
02/22/90	207.70	267.10	259.80				
06/05/90	207.80	267.25	259.65				
09/20/90	207.80	268.45	263.65	111.30	249.00		
11/16/90	207.56	268.15	259.50	111.90	249.47		
02/15/91	207.49	272.77	259.49	114.12	249.42		
04/15/91	207.41	267.41	259.16	111.11	249.00		
07/10/91	207.51	267.50	259.06	110.93	248.59		
10/02/91	207.44	267.46	258.95	110.92	247.50		
04/13/92	207.44	267.92	258.67	110.52	247.03		
06/02/92	207.52	267.55	258.51	110.60	247.49		
08/04/92	206.94	263.44	258.49	110.40	248.04		
11/02/92	206.61	264.02	258.20	110.48	247.33		
02/09/93	206.72	Abandoned	258.39	110.25	246.20	245.32	
05/06/93	206.78		256.08	110.18	245.10	245.20	
08/10/93	206.65		257.79	110.03	242.59	245.00	
11/09/93	206.74		257.86	109.90	243.23	245.12	
01/25/94	206.30		257.37	109.60	243.65	244.45	
04/21/94	206.46		257.24	109.48	244.89	244.56	
07/29/94	206.58		262.50	109.00	260.50	244.70	
12/22/94	207.47		258.92	109.96	244.70	249.16	
03/13/95	206.60		257.94	109.05	244.30	245.35	
05/15/95	206.94		248.58	109.50	244.00	245.55	
07/16/95	206.96		258.36	109.03	243.82	245.65	
10/04/95	206.97		258.45	108.72	244.10	245.74	250.40
2/6/96, 2/7/96, 2/22/96	208.40		259.98	108.25	247.30	247.50	252.41
05/24/96	206.80		258.32	107.64	246.82	245.63	252.94
06/21/96	208.46		259.76	109.64	248.94	247.26	254.56
08/07/96	208.46		260.13	107.30	249.76	245.75	255.35
11/07/96	207.10		259.00	107.00	249.90	246.20	250.10
02/11/97	207.00		260.70	106.30	252.00	246.15	257.50
05/02/97	207.10		259.00	106.20	251.20	246.20	256.90
08/22/97	206.80		258.77	105.70	252.40	246.00	257.40
11/11/97	206.98		257.89	105.02	252.71	246.31	257.36
02/05/98	206.90		259.15	105.10	253.83	246.85	257.61
05/08/98	206.64		259.34	104.88	253.75	246.92	257.68
08/13/98	206.72		258.69	104.41	253.81	246.96	--
11/11/98	206.56		259.03	104.27	257.35	246.03	261.45
02/22/99	206.84		259.27	104.12	259.17	246.40	263.36
05/10/99	206.81		259.25	103.56	259.48	249.38	--
08/16/99	206.42		258.62	103.08	260.71	249.45	264.98
11/16/99	206.25		259.30	102.79	262.00	249.82	266.28
02/23/00	206.10		259.20	102.65	263.10	249.83	DRY
05/15/00	206.36		259.30	102.66	264.47	249.83	268.91
08/09/00	203.38		257.20	101.03	263.00	250.10	DRY
11/13/00	203.00		257.51	100.30	263.93	250.60	DRY
03/02/01	203.00		258.00	100.22	265.00	249.00	DRY
05/08/01	202.89		257.44	100.18	265.48	249.03	DRY
08/13/01	202.84		257.60	100.11	266.08	249.11	DRY
11/05/01	202.72		257.64	100.03	266.83	249.14	DRY
02/06/02	202.67		257.80	100.10	267.44	249.27	DRY
05/08/02	202.64		257.57	99.97	267.76	249.09	DRY
08/06/02	202.67		257.72	99.96	268.20	249.18	DRY
11/08/02	202.57		258.03	100.07	268.63	249.27	DRY
02/05/03	202.39		258.03	100.12	268.75	249.44	DRY
05/05/03	202.80		257.83	100.04	268.99	249.33	DRY
08/05/03	202.71		257.69	100.19	271.67	249.15	DRY
11/05/03	202.74		257.94	100.31	272.15	249.34	DRY

TABLE 5-1A (CONT'D)
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION	WELL NUMBER						
	VSL-1	VLS-2	VSL-3	VSL-4	VSL-5	VSL-6	VSL-7
Depth to water from top of well casing (ft) (cont'd):							
02/04/04	202.75		257.96	100.20	272.40	249.31	DRY
05/13/04	205.51		259.73	102.36	272.20	250.28	DRY
07/28/04	205.54		259.78	102.40	272.23	250.10	DRY
11/02/04	207.61		261.95	102.57	272.51	251.35	DRY
12/28/04	205.46		259.88	102.54	272.48	250.19	DRY
02/09/05	207.20		259.86	104.38	272.40	252.00	DRY
05/20/05	205.45		259.60	102.78	272.41	250.57	DRY
08/15/05	205.61		259.19	102.72	272.64	249.61	DRY
11/03/05	205.55		260.39	102.87	272.65	250.19	DRY
01/31/06	205.45		246.81	102.70	272.30	249.76	DRY
04/19/06	205.54		Abandoned	102.80	Abandoned	249.68	Abandoned
07/07/06	205.43			102.85		249.66	
11/20/06	205.36			102.83		249.86	
01/26/07	205.20			102.70		249.70	
05/24/07	205.33			102.70		249.71	
08/05/07	205.27			102.52		249.79	
11/05/07	205.22			102.55		249.85	
02/08/08	209.30			101.78		250.79	
05/14/08	209.33			102.49		250.77	
08/15/08	209.20			102.33		250.60	
10/23/08	209.25			102.41		250.73	
01/28/09	209.21			101.75		250.89	
05/12-14/09	209.29			102.57		250.08	
08/11/09	209.34			102.53		250.09	
10/14/09	209.42			102.56		250.28	
01/13/10	209.00			102.31		249.76	
05/11/10	209.33			102.28		250.07	
08/04/10	209.11			102.28		249.74	
11/11/10	209.18			102.38		249.96	
01/31/11	209.28			102.50		249.89	
05/16/11	209.11			102.41		249.46	
08/04/11	209.33			102.62		249.02	
11/02/11	209.31			102.59		249.45	
01/16/12	209.07			102.52		248.90	
05/22/12	209.19			102.27		248.76	
08/23/12	209.02			102.38		248.46	
11/06/12	209.14			102.49		248.47	
01/15/13	209.05			102.52		248.72	
05/20/13	209.16			102.43		248.50	
08/06/13	209.26			102.45		248.51	
10/16/13	210.08			103.25		249.38	
01/16/14	209.07			102.38		248.28	
04/15/14	208.95			102.32		248.23	
Elevation of water surface (ft above msl):							
01/18/88	2844.60	2599.32	2673.33				
10/13/88	2845.45	2678.30	2673.81				
01/14/89	2845.17	2673.59	2673.85				
04/19/89	2845.11	2673.83	2674.23				
02/22/90	2844.67	2673.88	2674.17				
06/05/90	2844.57	2673.73	2674.32				
09/20/90	2844.57	2672.53	2670.32	2982.75	2767.45		
11/16/90	2844.81	2672.83	2674.47	2982.15	2766.98		
02/15/91	2844.88	2668.21	2674.48	2979.93	2767.03		
04/15/91	2844.96	2673.57	2674.81	2982.94	2767.45		
07/10/91	2844.86	2673.48	2674.91	2983.12	2767.86		
10/02/91	2844.93	2673.52	2675.02	2983.13	2768.95		
04/13/92	2844.93	2673.06	2675.30	2983.53	2769.42		
06/02/92	2844.85	2673.43	2675.46	2983.45	2768.96		
08/04/92	2845.43	2677.54	2675.48	2983.65	2768.41		
11/02/92	2845.76	2676.96	2675.77	2983.57	2769.12		
02/09/93	2845.65	Abandoned	2675.58	2983.80	2770.25	2674.66	
05/06/93	2845.59		2677.89	2983.87	2771.35	2674.78	
08/10/93	2845.72		2676.18	2984.02	2773.86	2674.98	
11/09/93	2845.63		2676.11	2984.15	2773.22	2674.86	
01/25/94	2846.07		2676.60	2984.45	2772.80	2675.53	
04/21/94	2845.91		2676.73	2984.57	2771.56	2675.42	
07/29/94	2845.79		2671.47	2985.05	2755.95	2675.28	
12/22/94	2844.90		2675.05	2984.09	2771.75	2670.82	
03/13/95	2845.41		2675.61	2985.00	2772.15	2674.33	
05/15/95	2845.40		2675.52	2984.55	2772.45	2674.24	
07/16/95	2843.97		2673.99	2985.02	2772.63	2672.48	
10/04/95	2845.57		2675.65	2985.33	2772.35	2674.35	2765.92
2/6/96, 2/7/96, 2/22/96	2843.97		2673.99	2985.80	2769.15	2672.48	2766.45
05/24/96	2845.57		2675.65	2986.41	2769.63	2674.35	2765.92
06/21/96	2843.91		2674.21	2984.41	2767.51	2672.72	2764.30
08/07/96	2843.91		2673.84	2986.75	2766.69	2674.23	2763.51
11/07/96	2845.27		2674.97	2987.05	2766.55	2673.78	2768.76

TABLE 5-1A (CONT'D)
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION	WELL NUMBER						
	VSL-1	VLS-2	VSL-3	VSL-4	VSL-5	VSL-6	VSL-7
Depth to water from top of well casing (ft) (cont'd):							
02/11/97	2845.37		2673.27	2987.75	2764.45	2673.83	2761.36
05/02/97	2845.27		2674.97	2987.85	2765.25	2673.78	2761.96
05/22/97	2845.57		2675.20	2988.35	2764.05	2673.98	2761.46
08/22/97	2845.47		2674.82	2989.03	2763.74	2673.13	2761.25
11/11/97	2845.39		2676.08	2989.03	2763.74	2673.67	2761.50
02/05/98	2845.47		2674.82	2828.87	2680.14	2687.12	2676.36
05/08/98	2845.73		2674.63	2829.09	2680.22	2687.05	2676.29
08/13/98	2845.65		2675.28	2829.56	2680.16	2687.01	--
11/11/98	2845.81		2674.94	2829.70	2676.62	2687.94	2672.52
02/22/99	2845.53		2674.70	2989.93	2757.28	2673.58	2755.50
05/10/99	2845.56		2674.72	2990.49	2756.97	2670.60	--
08/16/99	2845.95		2675.35	2990.97	2755.74	2670.53	2753.88
11/16/99	2846.12		2674.67	2991.26	2754.45	2670.16	2752.58
02/23/00	2846.27		2674.77	2991.40	2753.35	2670.15	--
05/15/00	2846.01		2674.67	2991.39	2751.98	2670.15	2749.95
08/09/00	2848.99		2676.77	2993.02	2753.45	2669.88	--
11/13/01	2849.37		2676.46	2993.75	2752.52	2669.38	--
03/02/01	2849.37		2675.97	2993.83	2751.45	2670.98	--
05/08/01	2849.48		2676.53	2993.87	2750.97	2670.95	--
08/13/01	2849.53		2676.37	2993.94	2750.37	2670.87	--
11/05/01	2849.65		2676.33	2994.02	2749.62	2670.84	--
02/06/02	2849.70		2676.17	2993.95	2749.01	2670.71	--
05/08/02	2849.73		2676.40	2994.08	2748.69	2670.89	--
08/06/02	2849.70		2676.25	2994.09	2748.25	2670.80	--
11/08/02	2849.80		2675.94	2993.98	2747.82	2670.71	--
02/05/03	2849.98		2675.94	2993.93	2747.70	2670.54	--
05/05/03	2849.57		2676.14	2994.01	2747.46	2670.65	--
08/05/03	2849.66		2676.28	2993.86	2744.78	2670.83	--
11/05/03	2849.63		2676.03	2993.74	2744.30	2670.64	--
02/04/04	2849.62		2676.01	2993.85	2744.05	2670.67	--
05/13/04	2846.86		2674.24	2991.69	2744.25	2669.70	--
07/28/04	2846.83		2674.19	2991.65	2744.22	2669.88	--
11/02/04	2844.76		2672.02	2991.48	2743.94	2668.63	--
12/28/04	2846.91		2674.09	2991.51	2743.97	2669.79	--
02/09/05	2845.17		2674.11	2989.67	2744.05	2667.98	--
05/20/05	2846.92		2674.37	2991.27	2744.04	2669.41	--
08/15/05	2846.76		2674.78	2991.33	2743.81	2670.37	--
11/03/05	2846.82		2673.58	2991.18	2743.80	2669.79	--
01/31/06	2846.92		2687.16	2991.35	2744.15	2670.22	--
04/19/06	2846.83		Abandoned	2991.25	Abandoned	2670.30	Abandoned
07/07/06	2846.94			2991.20		2670.32	
11/20/06	2847.01			2991.22		2670.12	
01/26/07	2847.17			2991.35		2670.28	
05/24/07	2847.04			2991.35		2670.27	
08/05/07	2847.10			2991.53		2670.19	
11/05/07	2847.15			2991.50		2670.13	
02/08/08	2846.80			2992.27		2669.19	
05/14/08	2846.77			2991.56		2669.21	
08/15/08	2846.90			2991.72		2669.38	
10/23/08	2846.85			2991.64		2669.25	
01/28/09	2846.89			2992.30		2669.09	
05/12-14/09	2846.81			2991.48		2669.90	
08/11/09	2846.76			2991.52		2669.89	
10/14/09	2846.68			2991.49		2669.70	
01/13/10	2847.10			2991.74		2670.22	
05/11/10	2846.77			2991.77		2669.91	
08/04/10	2846.99			2991.77		2670.24	
11/11/10	2846.92			2991.67		2670.02	
01/31/11	2846.82			2991.55		2670.09	
05/16/11	2846.99			2991.64		2670.52	
08/04/11	2846.77			2991.43		2670.96	
11/02/11	2846.79			2991.46		2670.53	
01/16/12	2847.03			2991.53		2671.08	
05/22/12	2846.91			2991.78		2671.22	
08/23/12	2847.08			2991.67		2671.52	
11/06/12	2846.96			2991.56		2671.51	
01/15/13	2847.05			2991.53		2671.26	
05/20/13	2846.94			2991.62		2671.48	
08/06/13	2846.84			2991.60		2671.47	
10/16/13	2846.02			2990.80		2670.60	
01/16/14	2847.03			2991.67		2671.70	
04/15/14	2847.15			2991.73		2671.75	

Note - Prior to 2008, water levels in well VSL-1 were measured with a casing elevation datum of 3052.37 feet.

TABLE 5-1B
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION	WELL NUMBER						
	VSL-8	VSL-9	VSL-10	VSL-11	VSL-12	VSL-13-2	VSL-13-4
Coordinates of well:							
Northing	2037959.43	2039841.24	2037843.16	2037839.57	2037342.27	2036821.68	2036821.68
Easting	6781332.40	6780667.04	6782163.72	6782142.70	6781007.13	6780326.53	6780326.53
Elevation of well (ft above msl):							
Top of well monument	--	--	--	--	--	--	--
Ground surface	2912.06	3016.76	2882.60	2881.80	2889.80	2885.30	2885.30
Top of well casing	2915.55	3020.22	2884.83	2883.84	2892.18	2886.58	2887.37
Total depth of well at installatio	290.0	293.0	270.0	366.0	233.0	239.0	216.0
Depth of screened interval	260-290	273-293	239-269	335-365	203-233	228-238	205-215
Depth to water from top of well casing (ft):							
05/24/96	241.35						
06/21/96	242.76	253.11					
08/07/96	241.28	254.16					
11/07/96	241.71	254.00					
02/11/97	241.75	256.30					
05/02/97	241.70	255.90					
08/22/97	241.82	256.80					
11/11/97	242.03	257.28					
02/05/98	241.63	257.86					
05/08/98	241.93	258.17					
08/13/98	241.91	260.65					
11/11/98	241.45	261.62					
02/22/99	241.88	263.57					
05/10/99	241.79	264.16					
08/16/99	241.54	265.36					
11/16/99	241.91	266.61					
02/23/00	241.80	267.84					
05/15/00	241.83	269.25					
08/09/00	259.33	268.32					
11/13/00	--	269.50					
03/02/01	--	271.00	208.41	207.48	214.90		
05/08/01	247.94	271.62	208.43	207.50	214.80		
08/13/01	241.10	271.10	208.50	207.43	215.03		
11/05/01	242.22	272.53	--	207.63	214.82		
02/06/02	242.14	273.10	208.83	207.72	215.03		
05/08/02	242.26	273.62	208.60	207.58	214.90		
08/06/02	242.89	274.28	208.74	207.76	215.07		
11/08/02	243.52	274.74	209.05	208.01	215.20		
02/05/03	243.68	277.35	208.88	207.92	215.17		
05/05/03	243.60	277.96	207.55	207.60	214.89		
08/05/03	244.29	278.77	207.58	207.90	214.78		
11/05/03	244.38	279.11	208.87	207.88	215.20		
02/04/04	244.45	279.54	208.80	207.92	215.05		
05/13/04	242.17	279.41	210.12	207.44	214.66		
07/28/04	241.91	279.93	210.08	207.36	214.96		
11/02/04	--	282.11	--	207.90	215.25		
12/28/04	242.25	280.11	208.06	207.62	215.02		
02/09/05	--	280.32	208.34	215.81	215.55		
05/20/05	--	280.60	207.85	206.92	217.34		
08/15/05	241.56	280.73	207.77	206.82	214.35		
11/03/05	242.70	280.63	207.92	207.38	214.75	210.40	211.12
01/31/06	242.70	280.60	207.71	207.50	214.35	210.69	210.81
04/19/06	242.59	Abandoned	207.66	207.10	214.25	210.63	210.83
07/07/06	242.65		207.85	207.21	214.25	210.15	210.90
11/20/06	242.86		208.03	207.50	214.55	210.32	211.09
01/26/07	242.78		208.10	207.46	214.53	210.31	211.00
05/24/07	242.70		208.00	207.36	214.41	210.46	211.09
08/05/07	242.87		207.98	207.46	214.55	210.21	211.04
11/05/07	243.80		208.26	207.73	214.63	210.18	211.07
02/08/08	243.12		208.18	207.66	214.64	210.26	211.32
05/14/08	242.92		208.12	207.52	214.44	210.30	211.29
08/15/08	242.92		208.15	207.50	214.58	210.32	210.97
10/23/08	243.01		208.26	207.75	214.69	210.55	211.19
01/28/09	243.09		208.33	208.02	214.76	210.69	211.36
05/12-14/09	241.86		208.20	207.68	214.67	210.52	211.20
08/11/09	242.85		208.19	207.75	214.75	210.49	211.16
10/14/09	247.27		208.45	207.98	214.94	210.63	211.43
01/13/10	241.63		208.09	207.53	214.56	210.38	211.18
05/11/10	242.03		208.06	207.31	214.69	211.07	211.00
08/04/10	242.70		208.09	207.25	214.33	210.58	210.58
11/11/10	242.86		208.34	207.67	214.56	210.47	210.47
01/31/11	241.88		208.13	207.45	214.51	NM	211.07
05/16/11	241.04		207.25	206.90	213.83	209.81	210.55
08/04/11	240.87		207.36	207.40	213.52	209.67	210.49
11/02/11	240.62		207.37	206.59	213.74	209.59	210.22

TABLE 5-1B (CONT'D)
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION	WELL NUMBER						
	VSL-8	VSL-9	VSL-10	VSL-11	VSL-12	VSL-13-2	VSL-13-4
Depth to water from top of well casing (ft):							
01/16/12	240.38		207.11	206.36	212.98	209.35	210.04
05/22/12	240.33		206.73	206.40	213.24	209.15	209.82
08/23/12	240.21		206.67	206.05	213.03	209.07	209.69
11/06/12	240.32		206.65	206.08	213.09	208.99	209.70
01/15/13	240.29		206.62	206.11	213.16	209.06	209.70
05/20/13	240.11		206.59	206.13	213.01	208.79	209.43
08/06/13	240.12		206.48	206.23	213.10	208.93	209.67
10/16/13	240.09		206.56	207.09	213.90	209.70	210.44
01/16/14	240.10		206.54	206.13	212.88	208.79	209.47
04/15/14	239.83		206.36	205.73	212.74	208.67	209.23
Elevation of water surface (ft above msl):							
05/24/96	2674.20						
06/21/96	2672.79	2767.11					
08/07/96	2674.27	2766.06					
11/07/96	2673.84	2766.22					
02/11/97	2673.80	2763.92					
05/02/97	2673.85	2764.32					
08/22/97	2673.73	2762.36					
11/11/97	2673.52	2762.94					
02/05/98	2673.92	2676.11					
05/08/98	2673.62	2675.80					
08/13/98	2673.64	2759.57					
11/11/98	2674.10	2672.35					
02/22/99	2673.67	2756.65					
05/10/99	2673.76	2756.06					
08/16/99	2674.01	2754.86					
11/16/99	2673.64	2753.61					
02/23/00	2673.75	2752.38					
05/15/00	2673.72	2750.97					
08/09/00	2656.22	2751.90					
11/13/01	--	2750.72					
03/02/01	--	2749.22	2676.42	2676.36	2677.28		
05/08/01	2667.61	2748.60	2676.40	2676.34	2677.38		
08/13/01	2674.45	2749.12	2676.33	2676.41	2677.15		
11/05/01	2673.33	2747.69	--	2676.21	2677.36		
02/06/02	2673.41	2747.12	2676.00	2676.12	2677.15		
05/08/02	2673.29	2746.60	2676.23	2676.26	2677.28		
08/06/02	2672.66	2745.94	2676.09	2676.08	2677.11		
11/08/02	2672.03	2745.48	2675.78	2675.83	2676.98		
02/05/03	2671.87	2742.87	2675.95	2675.92	2677.01		
05/05/03	2671.95	2742.26	2677.28	2676.24	2677.29		
08/05/03	2671.26	2741.45	2677.25	2675.94	2677.40		
11/05/03	2671.17	2741.11	2675.96	2675.96	2676.98		
02/04/04	2671.10	2740.68	2676.03	2675.92	2677.13		
05/13/04	2673.38	2740.81	2674.71	2676.40	2677.52		
07/28/04	2673.64	2740.29	2674.75	2676.48	2677.22		
11/02/04	--	2738.11	--	2675.94	2676.93		
12/28/04	2673.30	2740.11	2676.77	2676.22	2677.16		
02/09/05	--	2739.90	2676.49	2668.03	2676.63		
05/20/05	--	2739.62	2676.98	2676.92	2674.84		
08/15/05	2673.99	2739.49	2677.06	2677.02	2677.83		
11/03/05	2672.85	2739.59	2676.91	2676.46	2677.43	2676.18	2676.25
01/31/06	2672.85	2739.62	2677.12	2676.34	2677.83	2675.89	2676.56
04/19/06	2672.96	Abandoned	2677.17	2676.74	2677.93	2675.95	2676.54
07/07/06	2672.90		2676.98	2676.63	2677.93	2676.43	2676.47
11/20/06	2672.69		2676.80	2676.34	2677.63	2676.26	2676.28
01/26/07	2672.77		2676.73	2676.38	2677.65	2676.27	2676.37
05/24/07	2672.85		2676.83	2676.48	2677.77	2676.12	2676.28
08/05/07	2672.68		2676.85	2676.38	2677.63	2676.37	2676.33
11/05/07	2671.75		2676.57	2676.11	2677.55	2676.40	2676.30
02/08/08	2672.43		2676.65	2676.18	2677.54	2676.32	2676.05
05/14/08	2672.63		2676.71	2676.32	2677.74	2676.28	2676.08
08/15/08	2672.63		2676.68	2676.34	2677.60	2676.26	2676.40
10/23/08	2672.54		2676.57	2676.09	2677.49	2676.03	2676.18
01/29/09	2672.46		2676.50	2675.82	2677.42	2675.89	2676.01
05/12-14/09	2673.69		2676.63	2676.16	2677.51	2676.06	2676.17
08/11/09	2672.70		2676.64	2676.09	2677.43	2676.09	2676.21
10/14/09	2668.28		2676.38	2675.86	2677.24	2675.95	2675.94
01/13/10	2673.92		2676.74	2676.31	2677.62	2676.20	2676.19
05/11/10	2673.52		2676.77	2676.53	2677.49	2675.51	2676.37
08/04/10	2672.85		2676.74	2676.59	2677.85	2676.00	2676.79
11/11/10	2672.69		2676.49	2676.17	2677.62	2676.11	2676.90

TABLE 5-1B (CONT'D)
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION	WELL NUMBER						
	VSL-8	VSL-9	VSL-10	VSL-11	VSL-12	VSL-13-2	VSL-13-4
Elevation of water surface (ft above msl) (cont'd):							
01/31/11	2673.67		2676.70	2676.39	2677.67	NC	2676.30
05/16/11	2674.51		2677.58	2676.94	2678.35	2676.77	2676.82
08/04/11	2674.68		2677.47	2676.44	2678.66	2676.91	2676.88
11/02/11	2674.93		2884.83	2883.84	2892.18	2886.58	2887.37
01/16/12	2675.17		2677.72	2677.48	2679.20	2677.23	2677.33
05/22/12	2675.22		2678.10	2677.44	2678.94	2677.43	2677.55
08/23/12	2675.34		2678.16	2677.79	2679.15	2677.51	2677.68
11/06/12	2675.23		2678.18	2677.76	2679.09	2677.59	2677.67
01/15/13	2675.26		2678.21	2677.73	2679.02	2677.52	2677.67
05/20/13	2675.44		2678.24	2677.71	2679.17	2677.79	2677.94
08/06/13	2675.43		2678.35	2677.61	2679.08	2677.65	2677.70
10/16/13	2675.46		2678.27	2676.75	2678.28	2676.88	2676.93
01/16/14	2675.45		2678.29	2677.71	2679.30	2677.79	2677.90
04/15/14	2675.72		2678.47	2678.11	2679.44	2677.91	2678.14

TABLE 5-1C
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION

	VSL-14	VSL-15	VSL-16	VSL-17	VSL-18	BMWP-1	BMWP-2
Coordinates of well:							
Northing	2039244.24	2041950.47	2040687.06	2037858.61	2038934.49	2037101.56	2037761.65
Easting	6779109.71	6782848.90	6784495.35	6782149.49	6782942.64	6781908.39	6783436.47
Elevation of well (ft above msl):							
Top of well monument	--	--	--	--	2935.57	2856.71	2873.10
Ground surface	3032.80	3064.70	2982.70	2883.10	2932.07	2853.51	2869.80
Top of well casing	3034.82	3067.02	2984.98	2885.94	2934.46	2854.12	2872.31
Total depth of well at installation (ft):	270.0	265.0	317.0	268.0	310.0	215.0	156.0
Depth of screened interval	239-269	233-263	285-315	237-267	240-310	175-215	126-156
Depth to water from top of well casing (ft):							
03/02/01							
05/08/01							
08/13/01							
11/05/01							
02/06/02							
05/08/02	235.56			209.68			
08/06/02	235.68			209.83			
11/08/02	235.62			210.13			
02/05/03	235.26			209.98			
05/05/03	235.52			209.60			
08/05/03	236.15			210.27			
11/05/03	235.53			209.97			
02/04/04	235.60			209.91			
05/13/04	235.71			210.14			
07/28/04	235.92			210.13			
11/03/04	--			--			
12/28/04	235.47			209.68			
02/09/05	234.96			209.38			
05/20/05	235.11			208.94			
07/15/05	--			--		180.14	95.00
08/15/05	235.09			208.88	242.34	--	--
11/03/05	235.25	233.90	287.53	209.08	242.50	180.37	97.37
01/31/06	235.09	233.73	287.48	208.92	242.63	179.65	97.22
04/19/06	235.10	233.55	287.21	208.75	242.23	180.03	100.02
07/07/06	235.11	233.82	287.40	208.95	242.46	180.30	101.11
11/20/06	235.07	233.75	287.35	209.12	242.39	180.53	102.46
01/26/07	235.06	233.81	287.30	209.17	242.11	180.57	103.02
05/24/07	235.11	233.88	287.35	209.20	242.13	182.26	103.78
08/05/07	234.85	233.44	287.30	209.04	241.88	180.52	104.55
11/05/07	234.85	233.29	287.26	209.38	241.84	180.81	105.21
02/08/08	234.87	233.30	287.19	209.26	241.80	180.68	105.95
05/14/08	234.80	233.21	287.05	209.19	241.72	180.52	106.35
08/15/08	234.74	233.06	287.05	209.16	241.68	180.48	106.81
10/23/08	234.79	233.21	287.11	209.32	241.67	180.69	107.12
01/28/09	234.87	233.15	287.27	209.42	241.79	180.77	107.65
05/12-14/09	234.80	233.15	287.17	209.30	241.45	180.65	107.83
08/11/09	234.83	233.15	287.26	209.28	241.55	180.44	108.18
10/14/09	232.81	233.18	287.39	209.54	241.66	180.83	108.18
01/13/10	234.60	232.72	286.83	209.17	241.53	176.26	108.56
05/11/10	234.92	232.85	287.02	209.13	241.31	180.42	107.70
08/04/10	234.67	232.67	286.70	209.08	241.25	180.23	107.04
11/11/10	234.61	233.04	287.33	209.38	241.46	180.58	107.15
01/31/11	234.61	232.92	287.10	209.07	241.42	180.34	106.06
05/16/11	234.36	232.61	286.79	208.58	241.10	179.85	102.57
08/04/11	232.28	232.78	286.92	208.45	241.25	179.48	107.24
11/02/11	234.57	232.67	286.94	208.44	241.60	179.54	102.51
01/16/12	234.55	232.64	286.87	208.09	241.22	179.38	102.99
05/22/12	234.43	232.42	286.60	207.85	241.10	179.15	103.90
08/23/12	234.16	232.22	286.42	207.74	241.03	179.12	104.35
11/06/12	234.31	232.19	286.35	207.19	241.12	179.10	104.69
01/15/13	234.35	232.28	286.65	207.78	241.28	179.07	104.61
05/20/13	234.31	232.12	286.50	207.74	240.98	178.85	105.20
08/06/13	234.36	232.09	286.41	207.66	240.97	179.02	105.66
10/16/13	235.15	232.88	287.20	208.58	241.05	179.89	106.91
01/16/14	234.35	231.91	286.24	207.58	241.00	178.82	106.61
04/15/14	234.26	231.81	286.01	207.43	240.80	178.68	107.06

TABLE 5-1C
VICTORVILLE SANITARY LANDFILL
SITE MONITORING WELL INFORMATION

WELL INFORMATION

	VSL-14	VSL-15	VSL-16	VSL-17	VSL-18	BMWP-1	BMWP-2
Elevation of water surface (ft. above msl):							
03/02/01							
05/08/01							
08/13/01							
11/05/01							
02/06/02							
05/08/02	2799.26			2676.26			
08/06/02	2799.14			2676.11			
11/08/02	2799.20			2675.81			
02/05/03	2799.56			2675.96			
05/05/03	2799.30			2676.34			
08/05/03	2798.67			2675.67			
11/05/03	2799.29			2675.97			
02/04/04	2799.22			2676.03			
05/13/04	2799.11			2675.80			
07/28/04	2798.90			2675.81			
11/03/04	--			--			
12/28/04	2799.35			2676.26			
02/09/05	2799.86			2676.56			
05/20/05	2799.71			2677.00			
07/15/05	--			--		2673.98	2777.31
08/15/05	2799.73			2677.06	2692.12	--	--
11/03/05	2799.57	2833.12	2697.45	2676.86	2691.96	2673.75	2774.94
01/31/06	2799.73	2833.29	2697.50	2677.02	2691.83	2674.47	2775.09
04/19/06	2799.72	2833.47	2697.77	2677.19	2692.23	2674.09	2772.29
07/07/06	2799.71	2833.20	2697.58	2676.99	2692.00	2673.82	2771.20
11/20/06	2799.75	2833.27	2697.63	2676.82	2692.07	2673.59	2769.85
01/26/07	2799.76	2833.21	2697.68	2676.77	2692.35	2673.55	2769.29
05/24/07	2799.71	2833.14	2697.63	2676.74	2692.33	2671.86	2768.53
08/05/07	2799.97	2833.58	2697.68	2676.90	2692.58	2673.60	2767.76
11/05/07	2799.97	2833.73	2697.72	2676.56	2692.62	2673.31	2767.10
02/08/08	2799.95	2833.72	2697.79	2676.68	2692.66	2673.44	2766.36
05/14/08	2800.02	2833.81	2697.93	2676.75	2692.74	2673.60	2765.96
08/15/08	2800.08	2833.96	2697.93	2676.78	2692.78	2673.64	2765.50
10/23/08	2800.03	2833.81	2697.87	2676.62	2692.79	2673.43	2765.19
01/28/09	2799.95	2833.87	2697.71	2676.52	2692.67	2673.35	2764.66
05/12-14/09	2800.02	2833.87	2697.81	2676.64	2693.01	2673.47	2764.48
08/11/09	2799.99	2833.87	2697.72	2676.66	2692.91	2673.68	2764.13
10/14/09	2802.01	2833.84	2697.59	2676.40	2692.80	2673.29	2764.13
01/13/10	2800.22	2834.30	2698.15	2676.77	2692.93	2677.86	2763.75
05/11/10	2799.90	2834.17	2697.96	2676.81	2693.15	2673.70	2764.61
08/04/10	2800.15	2834.35	2698.28	2676.86	2693.21	2673.89	2765.27
11/11/10	2800.21	2833.98	2697.65	2676.56	2693.00	2673.54	2765.16
01/31/11	2800.21	2834.10	2697.88	2676.87	2693.04	2673.78	2766.25
05/16/11	2800.46	2834.41	2698.19	2677.36	2693.36	2674.27	2769.74
08/04/11	2802.54	2834.24	2698.06	2677.49	2693.21	2674.64	2765.07
11/02/11	2800.25	2834.35	2698.04	2677.50	2692.86	2674.58	2769.80
01/16/12	2800.27	2834.38	2698.11	2677.85	2693.24	2674.74	2769.32
05/22/12	2800.39	2834.60	2698.38	2678.09	2693.36	2674.97	2768.41
08/23/12	2800.66	2834.80	2698.56	2678.20	2693.43	2675.00	2767.96
11/06/12	2800.51	2834.83	2698.63	2678.75	2693.34	2675.02	2767.62
01/15/13	2800.47	2834.74	2698.33	2678.16	2693.18	2675.05	2767.70
05/20/13	2800.51	2834.90	2698.48	2678.20	2693.48	2675.27	2767.11
08/06/13	2800.46	2834.93	2698.57	2678.28	2693.49	2675.10	2766.65
10/16/13	2799.67	2834.14	2697.78	2677.36	2693.41	2674.23	2765.40
01/16/14	2800.47	2835.11	2698.74	2678.36	2693.46	2675.30	2765.70
04/15/14	2800.56	2835.21	2698.97	2678.51	2693.66	2675.44	2765.25

TABLE 5-2
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Jan 1988	Oct 1988	Jan 1989	Apr 1989	Feb 1990	Jun 1990	Sep 1990
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	8.1	7.9	7.9	7.9	8.01	8.84	7.72
Specific Conductance	µmhos/cm	970	710	690	700	826	960	1025
Temperature	F°	NA	NA	NA	NA	67	69.6	73.2
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	204	220	204	200	160	170
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	81	79	74	90	71	74
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	1.9	1.6	1.8	2	1.6	1.7
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	NA	4.7	4.1	4.4	2.8	3.8	4.2
Sulfate	mg/L	NA	59	60	57	59	56	58
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	600	405	370	405	470	420	420
Total Organic Carbon (TOC)	mg/L	NA	41	1.4	0.5	0.5	14	0.5
METALS								
Antimony	mg/L	0.3	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Barium	mg/L	0.1	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.0025	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.2	0.2	0.2	0.2	0.2	0.2
Cadmium	mg/L	0.0025	0.0005	0.0005	0.0005	0.0025	0.0005	0.0005
Calcium	mg/L	32	31	36	33	34	30	32
Chromium, Total	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cobalt	mg/L	0.025	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.0125	0.005	0.005	0.005	0.015	0.015	0.015
Iron	mg/L	0.05	0.03	0.02	0.03	0.05	0.05	0.05
Lead	mg/L	0.1	0.0025	0.0025	0.0025	0.1	0.1	0.1
Magnesium	mg/L	25	27	27	26	28	26	27
Manganese	mg/L	0.098	0.005	0.005	0.005	0.01	0.01	0.01
Mercury	mg/L	0.0001	0.0005	0.0005	0.0005	0.0001	0.0001	0.0001
Molybdenum	mg/L	0.025	0.05	0.05	0.05	0.025	0.025	0.025
Nickel	mg/L	0.02	0.005	0.005	0.005	0.02	0.02	0.02
Potassium	mg/L	11	6	5	5	5	2.5	0.025
Selenium	mg/L	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
Silver	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Sodium	mg/L	100	73	74	71	80	75	74
Thallium	mg/L	0.25	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.05	0.2	0.05	0.025	0.025	0.025
Zinc	mg/L	0.01	0.02	0.01	0.005	0.01	0.01	0.01
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.5	0.5	0.5	0.5	0.03	0.03	7.3
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.5	0.5	0.5	0.5	0.3	0.3	0.3
Isopropylbenzene	µg/L	NA	NA	NA	NA	0.03	0.03	0.03
Methylene Chloride	µg/L	0.5	0.5	0.5	0.5	0.02	0.02	0.02
n-Butylbenzene	µg/L	NA	NA	NA	NA	0.04	0.04	0.04
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	NA	NA	NA	NA	0.04	0.04	0.04
Tetrachloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.6	0.6
Toluene	µg/L	0.5	0.5	0.5	0.5	0.11	0.03	0.44
Trichlorofluoromethane	µg/L	0.5	0.5	0.5	0.5	0.02	0.02	1.7
Xylenes, Total	µg/L	0.5	0.5	0.5	0.5	0.04	0.04	0.04

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Nov 1990	Jan 1991	Apr 1991	Jul 1991	Oct 1991	Apr 1992	Jun 1992
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	8.1	8.1	7.91	7.84	8.04	8.11	8.06
Specific Conductance	µmhos/cm	700	700	763	744	760	679	913
Temperature	F°	NA	NA	67.1	81.6	71.7	67.5	75.3
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	201	195	201	207	210	100	100
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	73	79	83	74	75	70.3	78
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	1.5	1.5	1.7	1.6	1.4	1.93	1.5
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	4.2	4.4	3.7	4.1	4.5	3.39	4.2
Sulfate	mg/L	58	61	86	60	42	61	75
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	405	405	410	395	400	421	394
Total Organic Carbon (TOC)	mg/L	2.6	1.2	1.2	1.8	1.5	1.5	2.6
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.2	0.2	0.3	0.2	0.2	0.2	0.2
Cadmium	mg/L	0.0005	0.0005	0.0005	0.0005	0.0005	0.0025	0.0025
Calcium	mg/L	34	35	33	33	35	34	34
Chromium, Total	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Lead	mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Magnesium	mg/L	27	28	27	27	28	28	28
Manganese	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Mercury	mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Molybdenum	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Nickel	mg/L	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Potassium	mg/L	5	5	6	2.5	2.5	2.5	2.5
Selenium	mg/L	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
Silver	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Sodium	mg/L	79	78	74	74	76	75	76
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Zinc	mg/L	0.1	0.17	0.03	0.01	0.03	0.01	0.01
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.03	0.03	0.03	0.15	0.03	0.5	0.5
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.3	0.3	0.3	0.3	0.3	0.5	0.5
Isopropylbenzene	µg/L	0.03	0.03	0.03	0.03	0.03	0.5	0.5
Methylene Chloride	µg/L	0.02	0.16	0.09	0.1	0.26	0.5	0.5
n-Butylbenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.8	0.5
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.8	0.5
Tetrachloroethene	µg/L	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Toluene	µg/L	0.03	0.11	0.03	0.03	0.05	0.5	0.5
Trichlorofluoromethane	µg/L	0.02	0.02	0.02	0.02	0.5	0.5	0.5
Xylenes, Total	µg/L	0.04	0.04	0.07	0.04	0.04	0.5	0.5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Aug 1992	Nov 1992	Feb 1993	May 1993	Aug 1993	Nov 1993	Jan 1994
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	8.15	8.02	8.04	8.24	8.56	7.89	7.86
Specific Conductance	µmhos/cm	643	NA	773	691	234	650	692
Temperature	F°	73.9	72.7	67.6	73.2	71.1	68.7	51.1
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	193	186	197	188	193	189	164
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	73	78	74	87	77	84	85
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	2.3	1.9	1.8	2	1.3	1.6	1.6
Nitrate (as N)	mg/L	NA	NA	4.64	3.49	NA	NA	4.6
Nitrate/Nitrite	mg/L	3.05	3.4	4.65	3.49	2.7	3	NA
Sulfate	mg/L	52	54	58	54	54	66	70
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	407	409	410	332	421	428	460
Total Organic Carbon (TOC)	mg/L	4.2	11.2	13	2.6	5.6	0.25	3.6
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.05
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.2	0.3	0.2	0.2	0.24	0.2	0.28
Cadmium	mg/L	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.005
Calcium	mg/L	34	35	33	39	29	33	31.4
Chromium, Total	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.094
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.015	0.015	0.015	0.015	0.015	0.015	0.006
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.065
Lead	mg/L	0.1	0.1	0.1	0.0015	0.0015	0.0015	0.042
Magnesium	mg/L	28	29	28	28	27.3	27	23.7
Manganese	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.0025
Mercury	mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	0.001	0.00025
Molybdenum	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.04
Nickel	mg/L	0.02	0.02	0.02	0.02	0.0375	0.035	0.027
Potassium	mg/L	2.5	2.5	2.5	2.5	2.5	2.5	4.22
Selenium	mg/L	0.0025	0.0025	0.0025	0.0025	0.025	0.0025	**0.037**
Silver	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.016
Sodium	mg/L	76	78	78	64	69.9	73	68.2
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	**0.003**
Zinc	mg/L	0.01	0.01	0.03	0.01	0.01	0.01	0.199
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Isopropylbenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Methylene Chloride	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
n-Butylbenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Tetrachloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Toluene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Trichlorofluoromethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Xylenes, Total	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	1.5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Mar 1994	Apr 1994	Jul 1994	Dec 1994	Mar 1995	May 1995	Jul 1995
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	7.72	NA	8.22	8.03	7.99	7.89
Specific Conductance	µmhos/cm	NA	706	NA	597	634	630	676
Temperature	F°	NA	68.3	NA	64.2	70.2	69.8	70.7
Turbidity	NTU	NA	NA	NA	NA	NA	NA	44
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	158	202	197	0.5	191	201
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	78
Chloride	mg/L	NA	80	81	74	75	77	78
Cyanide, Total	mg/L	NA	NA	NA	0.01	0.01	0.01	0.01
Fluoride, Total	mg/L	NA	1.83	2	1.8	NA	NA	1.6
Nitrate (as N)	mg/L	NA	4.6	4.1	3.5	3.8	4.6	4.2
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NA	76	63	57	56	55	52
Sulfide	mg/L	NA	NA	NA	0.05	0.05	0.05	0.05
Total Dissolved Solids (TDS)	mg/L	NA	490	381	414	432	418	437
Total Organic Carbon (TOC)	mg/L	NA	0.76	0.5	0.25	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	0.02	0.02	0.0025	0.001
Arsenic	mg/L	NA	0.015	NA	0.006	0.00075	0.01	0.007
Barium	mg/L	NA	NA	NA	0.0011	0.045	0.045	0.05
Beryllium	mg/L	NA	NA	NA	0.00015	0.00015	0.00025	0.00015
Boron	mg/L	NA	0.4	0.2	0.4	NA	NA	0.5
Cadmium	mg/L	NA	0.0015	0.0009	0.001	0.001	0.005	0.001
Calcium	mg/L	NA	27.3	34	33	NA	NA	31
Chromium, Total	mg/L	NA	0.074	0.01	0.0025	0.0025	0.01	0.0025
Cobalt	mg/L	NA	NA	NA	0.00035	0.0035	0.01	0.0035
Copper	mg/L	NA	0.016	0.005	0.0015	**0.003**	0.005	0.0015
Iron	mg/L	NA	0.22	1.6	0.3	NA	NA	**0.01**
Lead	mg/L	NA	0.005	0.025	0.014	0.014	0.001	0.00045
Magnesium	mg/L	NA	19.7	26	28	NA	NA	27
Manganese	mg/L	NA	**0.004**	0.04	0.003	NA	NA	0.0003
Mercury	mg/L	NA	0.0001	0.0001	0.0001	0.0001	0.00025	0.0001
Molybdenum	mg/L	NA	0.032	0.04	0.02	NA	NA	0.03
Nickel	mg/L	NA	0.01	0.025	0.006	0.006	0.0125	0.006
Potassium	mg/L	NA	3.48	4.6	4.4	NA	NA	4.3
Selenium	mg/L	NA	**0.041**	0.0015	0.001	0.001	0.045	0.001
Silver	mg/L	NA	0.001	0.005	0.002	0.002	0.005	0.002
Sodium	mg/L	NA	54.7	76	75	NA	NA	75
Thallium	mg/L	NA	NA	NA	0.0305	0.0005	0.001	0.045
Tin	mg/L	NA	NA	NA	0.45	0.45	0.1	0.45
Vanadium	mg/L	NA	**0.003**	0.02	0.002	0.02	0.01	0.02
Zinc	mg/L	NA	0.07	0.051	0.026	0.036	0.029	0.041
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.2	**0.063**	1	1	1	5	1
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	ND	ND	ND	ND
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.214	0.347	1	1	1	1	1
Isopropylbenzene	µg/L	0.05	0.05	1	1	1	1	1
Methylene Chloride	µg/L	2	0.7	1	1	1	5	1
n-Butylbenzene	µg/L	0.2	0.07	0.5	1	1	1	1
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.2	0.04	0.5	1	1	1	1
Tetrachloroethene	µg/L	0.2	0.08	0.2	1	1	1	5
Toluene	µg/L	0.872	0.07	0.5	2	2	2	2
Trichlorofluoromethane	µg/L	0.2	0.05	0.5	1	1	5	1
Xylenes, Total	µg/L	0.14	1	1	1	1	1	1

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Oct 1995	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.87	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	681	NA	NA	NA	NA	NA	NA
Temperature	F°	70.7	NA	NA	NA	NA	NA	NA
Turbidity	NTU	177	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	1	NA	NA	NA	NA	NA	NA
Chloride	mg/L	52	81	78	100	85	78	81
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	2.8	4.3	5.7	52.2	6.84	3.5	2.6
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	38	48	44	51.7	47	50	57
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	296	419	414	428	402	440	442
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	1	0.6	0.6	0.2	0.2	0.2	0.2
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	1	0.3	**0.5**	0.3	0.3	0.3	0.3
Isopropylbenzene	µg/L	1	0.3	0.3	0.3	0.3	0.3	0.3
Methylene Chloride	µg/L	1	1.2	1.2	0.2	0.2	0.2	0.2
n-Butylbenzene	µg/L	1	0.3	0.3	0.2	0.2	0.2	0.2
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	1	0.4	0.4	0.2	0.2	0.2	0.2
Tetrachloroethene	µg/L	1	0.3	0.3	0.2	0.2	0.2	0.2
Toluene	µg/L	2	0.7	0.7	0.3	0.3	0.3	0.3
Trichlorofluoromethane	µg/L	1	0.2	0.2	0.2	0.2	0.2	0.2
Xylenes, Total	µg/L	0.4	0.4	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Aug 1997	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	4.9	7.8
pH	units	NA	NA	NA	NA	NA	7.4	7.4
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	NA	NA	68	75.2
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	80	85	80	77	82	74	77
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	9.76	18.7	48	5.2	4.0	3.7	3.96
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	50.8	55	50	52	57	52	53
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	414	450	394	384	416	404	376
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.27	0.27	0.27	0.27	0.27	0.27	0.27
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.22	0.22	0.22	**0.23**	0.22	**0.35**	**0.23**
Isopropylbenzene	µg/L	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Methylene Chloride	µg/L	0.21	0.21	0.21	0.21	0.21	0.21	0.21
n-Butylbenzene	µg/L	0.38	0.38	0.38	0.38	0.38	0.38	0.38
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Tetrachloroethene	µg/L	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Toluene	µg/L	0.12	0.12	0.5(5)	0.12	0.12	0.12	0.12
Trichlorofluoromethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	May 1999	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov* 2000
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	6.4	6.1	5.8	7.0	6.3	6.2	5.9
pH	units	7.7	7.6	7.7	7.6	8.3	7.5	8.3
Specific Conductance	µmhos/cm	NA	NA	NA	530	450	640	590
Temperature	F°	77.0	78.8	75.2	73.4	75.2	73.4	69.8
Turbidity	NTU	NA	NA	NA	1	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	78	68	71	67	73	78	78
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	0.006
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	2.9	3.6	3.8	3.9	4.0	4.3	3.4
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	28	56	56	53	56	69	56
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	0.2
Total Dissolved Solids (TDS)	mg/L	422	400	340	410	410	430	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	0.00012
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	0.007
Barium	mg/L	NA	NA	NA	NA	NA	NA	**0.045**
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	0.00042
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	0.00012
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	**0.0056**
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	**0.00034**
Copper	mg/L	NA	NA	NA	NA	NA	NA	**0.00041**
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	0.000098
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	0.00043
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	0.030
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	**0.0045**
Silver	mg/L	NA	NA	NA	NA	NA	NA	0.000098
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	0.000063
Tin	mg/L	NA	NA	NA	NA	NA	NA	**0.00027**
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	0.015
Zinc	mg/L	NA	NA	NA	NA	NA	NA	**0.0021**
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.27	0.24	0.24	0.24	0.16	0.38	0.38
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	**2.6**(5)
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.22	0.24	**0.29**	0.24	0.28	**0.38**	0.22
Isopropylbenzene	µg/L	0.10	0.14	0.14	0.14	0.18	0.15	0.15
Methylene Chloride	µg/L	0.21	0.27	0.27	0.27	0.24	0.27	0.27
n-Butylbenzene	µg/L	0.38	0.11	0.11	0.11	0.20	0.21	0.21
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.18	0.13	0.13	0.13	0.20	0.22	0.22
Tetrachloroethene	µg/L	0.32	0.34	0.34	0.34	0.34	0.086	0.086
Toluene	µg/L	0.12	0.14	0.14	0.14	0.14	0.22	**0.33**
Trichlorofluoromethane	µg/L	0.25	0.43	0.43	0.43	0.099	0.23	0.23
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Feb 2001	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	6.1	5.8	7.2	5.0	8.2	7.9	8.3
pH	units	8.3	8.1	7.0	7.3	7.6	7.5	7.7
Specific Conductance	µmhos/cm	630	600	680	640	600	700	660
Temperature	F°	68.0	71.6	71.2	71.6	67.8	68.0	70.5
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	72	76	78	76	75	81	75
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	4.1	4.1	4.1	4.5	4.0	3.4	3.7
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	57	58	58	60	57	55	52
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	420	430	440	460	400	430	410
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.38	0.38	0.38	0.38	0.29	0.29	0.29
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.22	0.22	**0.31**	**0.27**	0.36	0.36	0.36
Isopropylbenzene	µg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Methylene Chloride	µg/L	0.27	0.27	0.27	0.27	0.52	0.52	0.52
n-Butylbenzene	µg/L	0.21	0.21	0.21	0.21	0.22	0.22	0.22
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.22	0.22	0.22	0.22	0.21	0.21	0.21
Tetrachloroethene	µg/L	0.086	0.086	0.086	0.086	0.21	0.21	0.21
Toluene	µg/L	0.22	0.22	0.22	0.22	0.27	0.27	0.27
Trichlorofluoromethane	µg/L	0.23	0.23	0.23	0.23	0.54	0.54	0.54
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Nov 2002	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	7.9	5.8	7.6	5.8	6.7	7.9	5.4
pH	units	7.7	7.7	8.2	7.4	7.7	7.8	7.8
Specific Conductance	µmhos/cm	660	740	750	630	700	680	830
Temperature	F°	68.4	68.0	69.1	71.6	69.8	68.0	68.0
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	75	79	79	74	80	81	79
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	3.5	3.9	3.9	4.20	4.23	4.25	4.18
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	48	52	54	53	55	56	56
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	410	450	390	447	440	470	440
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.12	0.12	0.12	0.15	0.072	0.061	0.061
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.18	0.18	0.18	0.20	**0.16**	**0.14**	**0.14**
Isopropylbenzene	µg/L	0.36	0.36	0.36	0.14	0.034	0.160	0.16
Methylene Chloride	µg/L	0.15	0.15	0.15	0.057	0.12	0.17	0.17
n-Butylbenzene	µg/L	0.15	0.15	0.15	0.13	0.059	0.067	0.067
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.12	0.12	0.12	0.14	0.053	0.079	0.079
Tetrachloroethene	µg/L	0.17	0.17	0.17	0.17	**0.27**	**0.24**	**0.25**
Toluene	µg/L	0.22	0.22	0.22	0.085	0.042	0.063	0.063
Trichlorofluoromethane	µg/L	0.16	0.16	0.16	0.18	0.050	0.060	0.060
Xylenes, Total	µg/L	ND	ND	ND	ND	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Jul 2004	Nov 2004	Feb* 2005	May 2005	Aug 2005	Nov 2005	Jan 2006
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	4.0	6.2	8.5	7.1	7.1	8.3	8.0
pH	units	7.6	7.6	7.7	7.1	6.8	8.1	8.1
Specific Conductance	µmhos/cm	850	750	710	710	580	640	680
Temperature	F°	71.6	69.1	68.0	69.8	69.8	69.8	68.7
Turbidity	NTU	<5	53	<5	8	17	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	79	79	78	83	81	82	80
Cyanide, Total	mg/L	NA	NA	0.0063	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	4.15	4.12	4.23	4.3	4.2	4.2	4.2
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	57	56	54	57	55	56	55
Sulfide	mg/L	NA	NA	0.050	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	444	453	426	400	430	580	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	0.00025	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	0.006	NA	NA	NA	NA
Barium	mg/L	NA	NA	0.053	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	0.00025	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	0.0027	NA	NA	NA	NA
Calcium	mg/L	NA	NA	33	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	**0.0055**	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	**0.0014**	NA	NA	NA	NA
Copper	mg/L	NA	NA	**0.0014**	NA	NA	NA	NA
Iron	mg/L	NA	NA	0.17	NA	NA	NA	NA
Lead	mg/L	NA	NA	**0.000083**	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	27	NA	NA	NA	NA
Manganese	mg/L	NA	NA	0.026	NA	NA	NA	NA
Mercury	mg/L	NA	NA	0.00005	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	0.048	NA	NA	NA	NA
Potassium	mg/L	NA	NA	4.2	NA	NA	NA	NA
Selenium	mg/L	NA	NA	0.0036	NA	NA	NA	NA
Silver	mg/L	NA	NA	0.00086	NA	NA	NA	NA
Sodium	mg/L	NA	NA	78	NA	NA	NA	NA
Thallium	mg/L	NA	NA	**0.00013**	NA	NA	NA	NA
Tin	mg/L	NA	NA	0.000085	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	0.02	NA	NA	NA	NA
Zinc	mg/L	NA	NA	0.0024	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.16	0.081	0.081	0.16	0.16	0.16	0.16
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	1.3	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	**0.23**	**0.15**	0.11	0.20	**0.46**	0.20	0.20
Isopropylbenzene	µg/L	0.16	0.22	0.11	**0.25**	0.22	0.22	0.22
Methylene Chloride	µg/L	0.43	0.067	0.067	0.44	0.44	0.44	0.44
n-Butylbenzene	µg/L	0.13	0.050	0.050	NA	0.13	0.13	0.13
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.11	0.050	0.050	0.50	0.11	0.11	0.11
Tetrachloroethene	µg/L	**0.31**	**0.32**	**0.24**	**0.25**	**0.26**	**0.30**	**0.34**
Toluene	µg/L	0.15	0.083	0.083	0.15	0.15	0.15	0.15
Trichlorofluoromethane	µg/L	0.20	0.060	0.060	0.20	0.20	0.20	0.20
Xylenes, Total	µg/L	NA	NA	NA	**0.65**	0.40	0.40	0.40

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Apr 2006	Jul 2006	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	7.0	NA	5.9	12.3	7.5	15.7	8.1
pH	units	8.0	8.1	7.6	8.0	8.4	7.7	8.5
Specific Conductance	µmhos/cm	620	520	480	580	480	550	500
Temperature	F°	70.2	70.0	69.4	69.8	70.5	72.5	70.5
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	80	83	83	78	78	78	79
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	4.3	4.2	4.3	4.1	4.1	4.1	4.3
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	57	56	58	54	55	55	56
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	420	410	440	420	440	420	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.16	0.15	0.27	0.27	0.27	0.27	0.27
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	**0.43**	0.14	**0.14**	0.072	0.14	0.14
Dichlorodifluoromethane	µg/L	0.20	**0.21**	**0.30**	0.17	**0.24**	**0.26**	**0.18**
Isopropylbenzene	µg/L	0.22	0.20	0.15	0.15	0.15	0.15	0.15
Methylene Chloride	µg/L	0.44	0.13	0.16	0.16	0.16	0.16	0.16
n-Butylbenzene	µg/L	0.13	0.12	0.12	0.12	0.19	0.19	0.19
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.11	0.076	0.076	0.076	0.11	0.12	0.12
Tetrachloroethene	µg/L	**0.35**	**0.35**	0.99	**0.43**	**0.33**	**0.34**	**0.22**
Toluene	µg/L	0.15	0.12	0.12	0.12	0.12	0.12	0.12
Trichlorofluoromethane	µg/L	0.20	0.13	0.13	0.13	0.14	0.14	0.14
Xylenes, Total	µg/L	0.40	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Feb 2008	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	7.8	5.15	5.38	5.14	8.27	8.73	6.80
pH	units	7.6	7.75	7.96	7.68	7.39	7.86	7.87
Specific Conductance	µmhos/cm	700	703	750	720	790	681	735
Temperature	F°	70.0	70.3	70.6	70.4	69.5	72.4	72.3
Turbidity	NTU	14.3	10.1	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	82	78	84	83	81	87	83
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	4.3	3.7	4.3	4.1	4.2	4.1	4.4
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	58	54	57	54	57	57	57
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	440	450	400	410	430	440	450
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.27	0.27	0.18	0.18	0.18	0.18	0.14
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.35	0.35	0.20	0.20	0.20	0.20	0.20
Dichlorodifluoromethane	µg/L	0.34	0.34	**0.32**	0.22	0.22	**0.26**	**0.31**
Isopropylbenzene	µg/L	0.35	0.35	0.16	0.16	0.16	0.16	0.15
Methylene Chloride	µg/L	0.27	0.27	0.27	0.27	0.27	0.27	0.28
n-Butylbenzene	µg/L	NA	0.35	0.12	0.12	0.12	0.12	0.11
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	NA	0.32	0.18	0.18	0.18	0.18	0.18
Tetrachloroethene	µg/L	**0.30**	0.28	**0.33**	**0.32**	**0.49**	**0.28**	**0.37**
Toluene	µg/L	0.24	0.24	0.12	0.12	0.12	0.12	0.12
Trichlorofluoromethane	µg/L	0.28	0.28	0.22	0.22	0.22	0.22	0.22
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Oct 2009	Jan 2010	May 2010	Aug 2010	Nov* 2010	Jan 2011	May 2011
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	5.90	10.20	5.77	6.24	9.08	6.77	5.82
pH	units	7.61	7.78	7.64	7.72	7.43	7.58	7.35
Specific Conductance	µmhos/cm	782	777	773	757	717	763	745
Temperature	F°	68.9	68.0	68.6	71.7	68.8	69.0	70.8
Turbidity	NTU	<5	<5	<5	<5	<5	<5	7.8
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	80	84	83	84	84	76	80
Cyanide, Total	mg/L	NA	NA	NA	NA	0.0016	0.0016	0.0016
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	4.1	4.4	4.2	4.3	4.3	3.8	4.1
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	55	56	52	53	54	52	55
Sulfide	mg/L	NA	NA	NA	NA	0.050	0.050	0.050
Total Dissolved Solids (TDS)	mg/L	420	430	430	430	460	440	420
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	0.010	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	0.0065	NA	NA
Barium	mg/L	NA	NA	NA	NA	0.050	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	0.0010	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	0.000070	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	0.0010	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	0.0050	NA	NA
Copper	mg/L	NA	NA	NA	NA	0.0023	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	0.00016	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	0.000017	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	**0.0012**	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	0.0025	NA	NA
Silver	mg/L	NA	NA	NA	NA	0.0011	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	**0.00017**	NA	NA
Tin	mg/L	NA	NA	NA	NA	**0.019**	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	0.017	NA	NA
Zinc	mg/L	NA	NA	NA	NA	0.0059	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.14	0.081	0.081	0.11	0.11	0.11	0.11
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	3.0	NA	NA
Chloromethane	µg/L	0.20	0.11	0.11	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	**0.25**	0.11	**0.18**	0.099	**0.18**	**0.16**	**0.20**
Isopropylbenzene	µg/L	0.15	0.064	0.064	0.14	0.14	0.14	0.14
Methylene Chloride	µg/L	0.28	0.28	0.50	0.48	0.48	0.48	0.48
n-Butylbenzene	µg/L	0.11	0.11	0.11	0.11	0.11	0.11	0.11
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.18	0.099	0.099	0.15	0.15	0.15	0.15
Tetrachloroethene	µg/L	0.58	**0.40**	**0.45**	0.57	0.51	0.53	**0.42**
Toluene	µg/L	0.12	0.093	0.093	0.093	0.093	0.093	0.093
Trichlorofluoromethane	µg/L	0.22	0.11	0.11	0.13	0.13	0.13	0.13
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	Aug 2011	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	5.30	6.62	7.43	7.19	6.36	9.43	6.76
pH	units	7.56	7.70	7.35	7.59	7.44	8.14	7.42
Specific Conductance	µmhos/cm	736	714	710	711	712	720	711
Temperature	F°	72.1	70.4	68.0	71.4	71.0	70.5	67.5
Turbidity	NTU	9.2	<5	8.9	<5	<5	<5	0.7
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	84	81	83	80	84	84	88
Cyanide, Total	mg/L	0.0016	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	4.3	4.2	4.3	4.2	4.2	4.1	4.3
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	55	52	54	52	54	54	58
Sulfide	mg/L	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Total Dissolved Solids (TDS)	mg/L	440	430	440	420	430	440	420
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.11	0.11	0.11	0.11	0.11	0.11	0.11
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	**0.21**	**0.19**	**0.13**	**0.17**	0.099	0.099	**0.21**
Isopropylbenzene	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Methylene Chloride	µg/L	0.48	0.48	0.48	0.48	0.48	0.48	0.48
n-Butylbenzene	µg/L	0.11	0.11	0.11	0.11	0.11	0.11	0.11
o-Xylene	µg/L	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	µg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Tetrachloroethene	µg/L	0.53	0.59	**0.44**	0.50	0.70	0.80	0.78
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Trichlorofluoromethane	µg/L	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-2 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-1

ANALYTE	UNITS	May 2013	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS											
Oxygen, Dissolved	mg/L	7.41	5.89	6.99	5.47	6.49	6.77	7.12	2.11	4.0	15.7
pH	units	7.88	8.07	7.86	8.17	7.81	7.83	7.82	0.366	6.8	8.84
Specific Conductance	µmhos/cm	605	597	638	607	722	700	681	120	234	970
Temperature	F°	72.0	71.3	71.4	69.7	72.0	70.2	70.3	4.15	51.1	81.6
Turbidity	NTU	1.4	0.1	2.7	0.4	0.0	8.00	28.0	54.4	0.0	177
GENERAL CHEMISTRY											
Bicarbonate	mg/L	NA	NA	NA	NA	NA	194	173	56.7	0.5	220
Carbonate	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	1	78
Chloride	mg/L	84	85	82	82	82	79.0	79.1	6.42	52	100
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	1.70	1.73	0.263	1.3	2.3
Nitrate (as N)	mg/L	4.2	4.2	4.1	4.2	4.3	4.20	5.97	8.76	2.6	52.2
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	4.10	3.82	0.681	2.7	4.7
Sulfate	mg/L	54	55	53	54	54	55.0	55.6	7.70	28	86
Sulfide	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	430	450	440	410	430	422	425	41.5	296	600
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	1.50	6.14	11.2	0.25	41
METALS											
Antimony	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	NA	NA	NA	0.00500	0.00706	0.00835	0.00075	0.01
Barium	mg/L	NA	NA	NA	NA	NA	0.0475	0.0443	0.0280	0.0011	0.053
Beryllium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NA	NA	NA	0.200	0.251	0.0940	0.2	0.5
Cadmium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.000070	0.0009
Calcium	mg/L	NA	NA	NA	NA	NA	33.0	33.0	2.73	27.3	39
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.0010	0.094
Cobalt	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.00034**	**0.0014**
Copper	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.00041**	0.016
Iron	mg/L	NA	NA	NA	NA	NA	0.0500	0.175	0.407	**0.01**	1.6
Lead	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.000083**	0.042
Magnesium	mg/L	NA	NA	NA	NA	NA	27.0	26.7	2.26	19.7	29
Manganese	mg/L	NA	NA	NA	NA	NA	0.0100	0.0160	0.0244	0.0003	0.098
Mercury	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NA	NA	NA	NA	0.0250	0.0295	0.00904	0.02	0.04
Nickel	mg/L	NA	NA	NA	NA	NA	0.0200	0.0190	0.0119	**0.0012**	0.048
Potassium	mg/L	NA	NA	NA	NA	NA	3.84	3.99	2.50	0.025	11
Selenium	mg/L	NA	NA	NA	NA	NA	0.00250	0.00802	0.0137	0.001	0.045
Silver	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.000098	0.016
Sodium	mg/L	NA	NA	NA	NA	NA	75.0	75.0	9.38	54.7	100
Thallium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.000063	**0.00017**
Tin	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.000085	**0.019**
Vanadium	mg/L	NA	NA	NA	NA	NA	0.0250	0.0330	0.0451	0.002	0.2
Zinc	mg/L	NA	NA	NA	NA	NA	0.0100	0.0368	0.0542	**0.0021**	0.199
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS											
1,1,1-Trichloroethane	µg/L	0.11	0.11	0.11	0.11	0.11	0.200	0.444	1.09	0.03	7.3
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	NC	NC	NC	0.072	**0.43**
Dichlorodifluoromethane	µg/L	**0.21**	0.53	**0.17**	**0.22**	1.4	NC	NC	NC	0.099	1.40
Isopropylbenzene	µg/L	0.14	0.14	0.14	0.14	0.14	NC	NC	NC	0.03	**0.25**
Methylene Chloride	µg/L	0.48	0.48	0.48	0.48	0.48	NC	NC	NC	0.02	0.26
n-Butylbenzene	µg/L	0.11	0.11	0.11	0.11	NA	NC	NC	NC	0.04	0.8
o-Xylene	µg/L	0.082	0.082	0.082	**0.10**	0.082	NC	NC	NC	0.082	**0.10**
sec-Butylbenzene	µg/L	0.15	0.15	0.15	0.15	NA	NC	NC	NC	0.04	0.8
Tetrachloroethene	µg/L	0.60	0.60	0.73	0.65	0.92	0.340	0.458	0.503	0.08	0.99
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	NC	NC	NC	0.03	0.872
Trichlorofluoromethane	µg/L	0.13	0.13	0.13	0.13	0.13	NC	NC	NC	0.02	1.7
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.04	**0.65**

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-3
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-2 (ABANDONED)

ANALYTE	UNITS	Oct 1988	Jan 1989	Apr 1989	Feb 1990	Jun 1990	Sep 1990	Nov 1990
FIELD PARAMETERS								
pH	units	8.3	8.2	8.2	8.68	8.89	8.54	8.4
Specific Conductance	µmhos/cm	1000	930	850	951	1132	1158	840
Temperature	F°	NA	NA	NA	66.7	75.9	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	168	198	79	90	120	110	122
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	78	46	36	39	35	33	35
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	7	7	8.4	8	8.5	8.8	7.3
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	1	0.1	0.2	0.05	1	1	0.1
Sulfate	mg/L	182	206	188	210	190	200	190
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	630	535	505	570	540	490	500
Total Organic Carbon (TOC)	mg/L	37	1.1	1	1	12	1	1.2
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.01	0.01	0.1	0.01	0.01	0.01	0.01
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Cadmium	mg/L	0.001	0.001	0.001	0.005	0.001	0.001	0.001
Calcium	mg/L	23	21	10	17	15	16	17
Chromium	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.01	0.01	0.02	0.03	0.03	0.03	0.03
Iron	mg/L	0.06	0.05	0.01	0.1	0.1	0.1	0.1
Lead	mg/L	0.005	0.005	0.006	0.2	0.2	0.2	0.2
Magnesium	mg/L	3	2	3	5	5	5	5
Manganese	mg/L	0.01	0.02	0.01	0.02	0.02	0.02	0.02
Mercury	mg/L	0.001	0.001	0.001	0.0002	0.0002	0.0002	0.0002
Molybdenum	mg/L	1.3	2.1	0.1	2	1.9	1.9	1.8
Nickel	mg/L	0.01	0.01	0.01	0.04	0.04	0.04	0.04
Potassium	mg/L	4	3	2	5	5	0.05	5
Selenium	mg/L	0.005	0.005	0.05	0.005	0.005	0.005	0.005
Silver	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sodium	mg/L	192	180	162	170	160	160	170
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.1	0.1	0.1	0.05	0.05	0.05	0.05
Zinc	mg/L	0.04	0.02	0.01	0.02	0.06	0.04	0.03
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.5	0.5	0.5	0.03	0.03	3.6	0.03
4-Isopropyltoluene	µg/L	NA	NA	NA	0.03	0.03	0.03	0.03
Bromomethane	µg/L	1	1	1	0.2	0.2	0.2	0.2
Chloromethane	µg/L	0.5	0.5	0.5	0.1	0.1	0.1	0.1
Methylene Chloride	µg/L	0.5	0.5	0.5	0.02	0.02	0.02	0.02
n-Butylbenzene	µg/L	NA	NA	NA	0.04	0.04	0.04	0.04
sec-Butylbenzene	µg/L	NA	NA	NA	0.04	0.04	0.04	0.04
Toluene	µg/L	0.5	0.5	0.5	0.03	0.03	0.39	0.03
Trichlorofluoromethane	µg/L	0.5	0.5	0.5	0.02	0.02	0.52	0.02
Xylenes, Total	µg/L	NA	NA	NA	0.04	0.04	0.04	0.04

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-3 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-2 (ABANDONED)

ANALYTE	UNITS	Jan 1991	Apr 1991	Jul 1991	Oct 1991	Apr 1992	Jun 1992	Aug 1992
FIELD PARAMETERS								
pH	units	8.4	8.6	7.5	8.26	8.05	8.32	8.34
Specific Conductance	µmhos/cm	770	881	884	952	771	1120	793
Temperature	F°	NA	66.6	79.1	73.5	67.5	75.3	73.9
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	107	134	137	131	86.2	80	159
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	34	35	36	38	34	39	37
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	7.2	8.3	7.6	5.9	8.54	7.2	8.4
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	0.2	1.3	0.1	0.3	0.43	0.56	0.43
Sulfate	mg/L	200	210	210	200	217.5	109	207
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	490	490	540	515	512	498	430
Total Organic Carbon (TOC)	mg/L	1	7.8	1.7	1.4	0.05	1.8	2.3
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Cadmium	mg/L	0.001	0.001	0.001	0.001	0.005	0.005	0.005
Calcium	mg/L	18	16	17	19	18	18	18
Chromium	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Iron	mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lead	mg/L	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium	mg/L	5	5	5	5	5	5	5
Manganese	mg/L	0.02	0.02	0.02	0.02	0.07	0.02	0.02
Mercury	mg/L	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Molybdenum	mg/L	1.8	1.9	1.8	1.8	1.8	1.8	1.7
Nickel	mg/L	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Potassium	mg/L	5	5	5	5	5	5	5
Selenium	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Silver	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sodium	mg/L	180	170	170	180	170	170	170
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Zinc	mg/L	0.35	0.04	0.09	0.04	0.09	0.04	0.03
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.03	0.03	0.15	0.03	0.5	0.5	0.5
4-Isopropyltoluene	µg/L	0.03	0.03	0.03	0.03	1.3	0.5	0.5
Bromomethane	µg/L	0.2	0.2	1	0.2	0.5	0.5	0.9
Chloromethane	µg/L	0.1	0.1	0.5	0.1	0.5	0.5	1.4
Methylene Chloride	µg/L	0.12	0.02	0.1	0.07	0.5	0.5	0.5
n-Butylbenzene	µg/L	0.04	0.04	0.04	0.04	1.5	0.5	0.5
sec-Butylbenzene	µg/L	0.04	0.04	0.04	0.04	1.3	0.5	0.5
Toluene	µg/L	0.13	0.03	0.03	0.03	0.5	0.5	0.5
Trichlorofluoromethane	µg/L	0.02	0.02	0.02	0.5	0.5	0.5	0.5
Xylenes, Total	µg/L	0.04	0.11	0.04	0.04	0.5	0.5	0.5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-3 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-2 (ABANDONED)

ANALYTE	UNITS	Nov 1992	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS							
pH	units	8.12	8.3	8.3	0.32	7.5	8.9
Specific Conductance	µmhos/cm	NA	907	931	131	770	1158
Temperature	F°	72.7	74	72	4.5	67	79
Turbidity	NTU	NA	NC	NC	NC	NC	NC
GENERAL CHEMISTRY							
Bicarbonate	mg/L	145	122	124	34	79	198
Carbonate	mg/L	NA	NC	NC	NC	NC	NC
Chloride	mg/L	36	36	39	11	33	78
Cyanide, Total	mg/L	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	7.3	7.6	7.7	0.80	5.9	8.8
Nitrate (as N)	mg/L	NA	NC	NC	NC	NC	NC
Nitrate/Nitrite	mg/L	0.48	0.43	0.49	0.35	0.20	1.3
Sulfate	mg/L	196	200	194	26	109	218
Sulfide	mg/L	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	497	505	516	45	430	630
Total Organic Carbon (TOC)	mg/L	9	2.1	7.5	11	1.1	37
METALS							
Antimony	mg/L	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	0.01	NC	NC	NC	NC	NC
Barium	mg/L	NA	NC	NC	NC	NC	NC
Beryllium	mg/L	NA	NC	NC	NC	NC	NC
Boron	mg/L	0.4	0.40	0.41	0.04	0.40	0.50
Cadmium	mg/L	0.005	NC	NC	NC	NC	NC
Calcium	mg/L	18	18	17	3	10	23
Chromium	mg/L	0.01	NC	NC	NC	NC	NC
Cobalt	mg/L	NA	NC	NC	NC	NC	NC
Copper	mg/L	0.03	NC	NC	NC	NC	NC
Iron	mg/L	0.1	0.06	0.06	0.04	0.01	0.10
Lead	mg/L	0.2	NC	NC	NC	NC	NC
Magnesium	mg/L	5	3.0	2.7	0.58	2.0	3.0
Manganese	mg/L	0.02	0.02	0.03	0.03	0.01	0.07
Mercury	mg/L	0.0002	NC	NC	NC	NC	NC
Molybdenum	mg/L	1.8	1.8	1.7	0.48	0.1	2.1
Nickel	mg/L	0.04	NC	NC	NC	NC	NC
Potassium	mg/L	5	3.0	3.0	1.0	2.0	4.0
Selenium	mg/L	0.005	NC	NC	NC	NC	NC
Silver	mg/L	0.01	NC	NC	NC	NC	NC
Sodium	mg/L	170	170	172	8.5	160	192
Thallium	mg/L	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NC	NC	NC	NC	NC
Vanadium	mg/L	0.05	NC	NC	NC	NC	NC
Zinc	mg/L	0.03	0.04	0.07	0.09	0.01	0.35
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS							
1,1,1-Trichloroethane	µg/L	0.5	NC	NC	NC	NC	NC
4-Isopropyltoluene	µg/L	0.5	NC	NC	NC	NC	NC
Bromomethane	µg/L	0.5	NC	NC	NC	NC	NC
Chloromethane	µg/L	0.5	NC	NC	NC	NC	NC
Methylene Chloride	µg/L	0.5	NC	NC	NC	NC	NC
n-Butylbenzene	µg/L	0.5	NC	NC	NC	NC	NC
sec-Butylbenzene	µg/L	0.5	NC	NC	NC	NC	NC
Toluene	µg/L	0.5	0.13	0.18	0.19	0.03	0.39
Trichlorofluoromethane	µg/L	0.5	NC	NC	NC	NC	NC
Xylenes, Total	µg/L	0.5	NC	NC	NC	NC	NC

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Jan 1988	Oct 1988	Jan 1989	Apr 1989	Feb 1990	Jun 1990	Sep 1990
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.9	7.9	7.9	7.9	8.54	8.33	7.5
Specific Conductance	µmhos/cm	750	800	780	790	911	980	1088
Temperature	F°	NA	NA	NA	NA	67.1	76.4	69.8
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	153	177	131	110	110	110
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	78	77	78	78	97	89	84
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	1.9	1.8	2.3	2	1.9	2.2
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	7.6	8.1	7.9	8.8	7.1	10	10
Sulfate	mg/L	160	133	140	130	110	100	100
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	520	525	520	505	530	510	480
Total Organic Carbon (TOC)	mg/L	NA	10	0.5	0.005	0.5	8	0.5
METALS								
Antimony	mg/L	0.3	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Barium	mg/L	0.1	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.0025	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.3	0.3	0.4	0.4	0.4	0.4
Cadmium	mg/L	0.0025	0.0005	0.0005	0.0005	0.0025	0.0005	0.0005
Calcium	mg/L	45	44	57	44	46	42	43
Chromium, Total	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.0125	0.005	0.005	0.005	0.015	0.015	0.015
Iron	mg/L	0.05	0.03	0.03	0.01	0.05	0.05	0.05
Lead	mg/L	0.1	0.0025	0.0025	0.0025	0.1	0.1	0.1
Magnesium	mg/L	16	16	18	18	19	18	19
Manganese	mg/L	0.14	0.09	0.04	0.005	0.01	0.01	0.01
Mercury	mg/L	0.0001	0.0005	0.0005	0.001	0.0001	0.0001	0.0001
Molybdenum	mg/L	0.05	0.05	0.1	0.05	0.025	0.025	0.025
Nickel	mg/L	0.02	0.03	0.005	0.005	0.02	0.02	0.02
Potassium	mg/L	2.5	6	3	3	2.5	2.5	0.025
Selenium	mg/L	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
Silver	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Sodium	mg/L	92	94	91	85	91	87	85
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.2	0.05	0.05	0.025	0.025	0.025
Zinc	mg/L	0.03	0.01	0.02	0.01	0.01	0.01	0.03
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.5	0.5	0.5	0.5	0.03	0.03	0.1
1,1-Dichloroethene	µg/L	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	µg/L	0.5	0.5	0.5	0.5	0.03	0.03	2.9
1,1,2-Trichloroethane	µg/L	NA	NA	NA	NA	NA	NA	0.02
1,2-Dichloroethane	µg/L	NR	NR	NR	NR	NR	NR	0.04
1,4-Dichlorobenzene	µg/L	NR	NR	NR	NR	NR	NR	0.04
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	1	1	1	1	0.2	0.2	0.2
Chloroform	µg/L	1	0.5	0.5	0.5	0.02	0.02	0.02
Chloromethane	µg/L	0.5	0.5	0.5	0.5	0.1	0.1	0.1
cis-1,2-Dichloroethene	µg/L	0.5	0.5	0.5	0.5	0.1	0.1	0.1
Dichlorodifluoromethane	µg/L	0.5	0.5	0.5	0.5	0.3	0.3	0.3
Methylene Chloride	µg/L	0.5	0.5	0.5	0.5	0.02	0.02	0.02
Tetrachloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.6	0.6
Toluene	µg/L	0.5	0.5	0.5	0.5	0.03	0.03	0.33
Trichloroethene	µg/L	0.5	0.5	0.5	0.5	0.03	0.03	0.08
Trichlorofluoromethane	µg/L	0.5	0.5	0.5	0.5	0.02	0.02	0.83
Xylenes, Total	µg/L	NA	NA	NA	NA	0.04	0.04	0.04

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Nov 1990	Jan 1991	Apr 1991	Jul 1991	Oct 1991	Apr 1992	Jun 1992
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	8	8.1	7.97	7.5	7.9	7.89	7.95
Specific Conductance	µmhos/cm	770	770	853	824	871	828	1072
Temperature	F°	NA	NA	68	81.8	71.6	71.7	73.3
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	137	113	131	134	134	58.6	66
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	99	87	94	94	97	104	117
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	1.8	1.8	1.9	1.9	1.6	2.19	2.7
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	10.1	10	9.7	13.1	11	9.26	11.5
Sulfate	mg/L	102	100	102	96	91	95	85
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	450	425	460	520	495	515	505
Total Organic Carbon (TOC)	mg/L	1.6	0.5	0.5	0.5	0.5	0.25	1.6
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.4	0.4	0.4	0.4	0.3	0.4	0.4
Cadmium	mg/L	0.0005	0.0005	0.0005	0.0005	0.0005	0.0025	0.0025
Calcium	mg/L	48	50	42	48	51	47	51
Chromium, Total	mg/L	0.005	0.005	0.01	0.005	0.005	0.005	0.005
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Iron	mg/L	0.05	0.05	0.05	0.05	0.1	0.05	0.05
Lead	mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Magnesium	mg/L	19	20	19	20	20	20	21
Manganese	mg/L	0.01	0.01	0.01	0.02	0.01	0.05	0.01
Mercury	mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Molybdenum	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Nickel	mg/L	0.02	0.02	0.02	0.02	0.02	0.07	0.02
Potassium	mg/L	2.5	2.5	6	2.5	2.5	2.5	2.5
Selenium	mg/L	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
Silver	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Sodium	mg/L	89	90	85	89	89	87	90
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Zinc	mg/L	0.01	0.1	0.02	0.01	0.01	0.01	0.01
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.04	0.58	0.35	0.43	0.9	0.5	2.5
1,1-Dichloroethene	µg/L	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	µg/L	0.03	0.03	0.03	0.15	0.03	0.5	0.5
1,1,2-Trichloroethane	µg/L	0.1	NA	NA	NA	NA	NA	2
1,2-Dichloroethane	µg/L	0.04	0.04	0.04	0.04	0.02	1	0.5
1,4-Dichlorobenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.5	0.5
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.2	0.2	0.2	1	0.2	0.5	0.5
Chloroform	µg/L	0.02	0.02	0.02	0.1	0.02	1	0.5
Chloromethane	µg/L	0.1	0.1	0.1	0.5	0.1	0.5	0.5
cis-1,2-Dichloroethene	µg/L	0.1	0.1	0.1	0.5	0.1	0.5	0.5
Dichlorodifluoromethane	µg/L	0.3	0.3	0.3	0.3	0.3	0.5	0.5
Methylene Chloride	µg/L	0.02	0.21	0.02	0.1	0.1	0.5	0.5
Tetrachloroethene	µg/L	0.6	0.6	0.6	0.6	0.6	0.5	0.5
Toluene	µg/L	0.03	0.03	0.03	0.03	0.03	0.5	0.5
Trichloroethene	µg/L	0.08	0.08	0.08	0.03	0.03	0.5	0.5
Trichlorofluoromethane	µg/L	0.02	0.02	0.02	0.02	0.5	0.5	0.5
Xylenes, Total	µg/L	0.04	0.04	0.11	0.04	0.04	1	0.5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Aug 1992	Nov 1992	Feb 1993	May 1993	Aug 1993	Nov 1993	Jan 1994
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.98	7.44	7.78	8.25	8.48	7.67	7.6
Specific Conductance	µmhos/cm	781	NA	960	841	840	849	916
Temperature	F°	74.4	70.7	67.8	73	74.8	69.8	59.8
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	117	107	127	107	120	127	100
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	114	115	122	142	108	142	152
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	2.5	2.3	2	2.1	1.9	1.7	1.87
Nitrate (as N)	mg/L	NA	NA	13.3	10.99	NA	NA	20.7
Nitrate/Nitrite	mg/L	9.39	10.9	13.3	11	9.5	10.9	NA
Sulfate	mg/L	81	84	80	69	77	85	90
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	501	506	490	502	533	547	610
Total Organic Carbon (TOC)	mg/L	2	7.3	8.1	2.2	5.1	0.25	7.5
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.05
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.4	0.4	0.4	0.4	0.33	0.3	0.48
Cadmium	mg/L	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.005
Calcium	mg/L	51	53	53	54	50	55	53.3
Chromium, Total	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	1.204
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.015	0.015	0.015	0.015	0.015	0.015	0.032
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	8.32
Lead	mg/L	0.1	0.1	0.1	0.0015	0.0015	0.0015	0.015
Magnesium	mg/L	21	22	21	23	22.7	23	21.2
Manganese	mg/L	0.01	0.01	0.05	0.02	0.01	0.01	0.09
Mercury	mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	0.001	0.00025
Molybdenum	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.042
Nickel	mg/L	0.02	0.02	0.07	0.05	0.0375	0.05	0.231
Potassium	mg/L	2.5	2.5	2.5	2.5	2.5	2.5	3.62
Selenium	mg/L	0.0025	0.0025	0.0025	0.0025	0.025	0.0025	0.05
Silver	mg/L	0.005	0.005	0.005	0.005	0.01	0.005	0.003
Sodium	mg/L	89	92	91	94	89.8	91	91.9
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.016
Zinc	mg/L	0.01	0.01	0.05	0.01	0.01	0.01	0.116
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.25	1.9	0.25	0.25	0.25	0.25	NA
1,1-Dichloroethene	µg/L	NA	0.25	0.25	0.25	0.25	0.25	NA
1,1,1-Trichloroethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	NA
1,1,2-Trichloroethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
1,2-Dichloroethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
1,4-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.8	0.25	0.25	0.25	0.25	0.25	NA
Chloroform	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Chloromethane	µg/L	1	0.25	0.25	0.25	0.25	0.25	NA
cis-1,2-Dichloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Dichlorodifluoromethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	NA
Methylene Chloride	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	NA
Tetrachloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Toluene	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	NA
Trichloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	NA
Trichlorofluoromethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	NA
Xylenes, Total	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Mar 1994	Apr 1994	Jul 1994	Dec 1994	Mar 1995	May 1995	Jul 1995
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	7.76	8.03	7.67	7.49	7.57	7.06
Specific Conductance	µmhos/cm	NA	860	1350	890	1070	919	1110
Temperature	F°	NA	77.2	90.7	67.8	66	69.4	71.8
Turbidity	NTU	NA	NA	NA	NA	NA	NA	812
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	94.3	117	112	0.5	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	152	157	163	168	172	183
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	1.88	2	1.9	NA	NA	NA
Nitrate (as N)	mg/L	NA	15.6	14.7	16	22	21	20
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NA	90	75	64	63	73	75
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	NA	580	508	626	677	602	770
Total Organic Carbon (TOC)	mg/L	NA	1.5	0.5	0.25	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	0.015	NA	0.00075	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.6	0.3	0.6	NA	NA	NA
Cadmium	mg/L	NA	0.0015	0.0009	0.001	NA	NA	NA
Calcium	mg/L	NA	33.1	59	63	NA	NA	NA
Chromium, Total	mg/L	NA	0.991	4.6	0.0025	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	0.016	0.1	0.0015	NA	NA	NA
Iron	mg/L	NA	6.26	35	0.025	NA	NA	NA
Lead	mg/L	NA	**0.015**	0.025	0.014	NA	NA	NA
Magnesium	mg/L	NA	13.1	31	27	NA	NA	NA
Manganese	mg/L	NA	0.045	0.48	0.04	NA	NA	NA
Mercury	mg/L	NA	**0.0003**	0.0011	0.0001	NA	NA	NA
Molybdenum	mg/L	NA	0.024	0.08	0.004	NA	NA	NA
Nickel	mg/L	NA	0.156	0.93	0.21	NA	NA	NA
Potassium	mg/L	NA	2.13	7.1	3	NA	NA	NA
Selenium	mg/L	NA	0.015	0.0015	0.001	NA	NA	NA
Silver	mg/L	NA	0.025	0.005	0.002	NA	NA	NA
Sodium	mg/L	NA	48.9	98	99	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	**0.003**	0.07	0.002	NA	NA	NA
Zinc	mg/L	NA	0.045	0.14	0.018	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	2.41	2.13	2	1	1	2	3
1,1-Dichloroethene	µg/L	0.48	0.2	0.5	1	1	1	1
1,1,1-Trichloroethane	µg/L	0.2	0.02	1	1	1	5	1
1,1,2-Trichloroethane	µg/L	1	0.4	1	2	2	2	2
1,2-Dichloroethane	µg/L	0.5	0.2	0.5	1	2	2	1
1,4-Dichlorobenzene	µg/L	0.5	0.08	0.5	1	1	1	1
Bis(2-ethylhexyl)phthalate	µg/L	NA	ND	ND	ND	NA	NA	ND
Bromomethane	µg/L	0.5	0.2	0.5	1	1	1	1
Chloroform	µg/L	0.5	0.2	0.5	1	1	1	1
Chloromethane	µg/L	0.5	0.2	0.5	3	3	3	3
cis-1,2-Dichloroethene	µg/L	0.1	0.1	0.5	1	1	1	1
Dichlorodifluoromethane	µg/L	0.5	0.5	1	1	1	1	1
Methylene Chloride	µg/L	2	0.7	1	1	1	5	1
Tetrachloroethene	µg/L	0.2	0.08	0.2	1	1	1	5
Toluene	µg/L	0.2	0.07	0.5	2	2	2	2
Trichloroethene	µg/L	0.2	0.05	0.5	1	1	1	1
Trichlorofluoromethane	µg/L	0.2	0.05	0.5	1	1	5	1
Xylenes, Total	µg/L	1.5	0.14	0.5	1	1	5	1

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Oct 1995	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.69	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	1100	NA	NA	NA	NA	NA	NA
Temperature	F°	71.4	NA	NA	NA	NA	NA	NA
Turbidity	NTU	158	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	1	NA	NA	NA	NA	NA	NA
Chloride	mg/L	173	185	178	195	196	208	185
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	22	27.0	39.0	29.2	38.8	29.5	21.7
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	74	66	69	70.6	62	64.3	74.1
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	689	678	698	848	836	904	855
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	4	9	9	7.3	0.2	11.3	0.2
1,1-Dichloroethene	µg/L	1	0.6	0.6	0.4	0.4	0.4	0.4
1,1,1-Trichloroethane	µg/L	1	0.6	0.6	0.2	0.2	0.2	0.2
1,1,2-Trichloroethane	µg/L	1	0.2	0.2	0.6	0.6	0.6	0.6
1,2-Dichloroethane	µg/L	1	0.3	0.3	0.2	0.2	0.2	0.2
1,4-Dichlorobenzene	µg/L	1	0.3	0.3	0.2	0.2	0.2	0.2
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	1	0.2	0.2	0.4	0.4	0.4	0.4
Chloroform	µg/L	1	0.5	0.5	0.2	0.2	0.2	0.2
Chloromethane	µg/L	3	0.2	0.2	0.3	0.3	0.3	0.3
cis-1,2-Dichloroethene	µg/L	1	0.2	0.2	0.3	0.2	0.2	0.2
Dichlorodifluoromethane	µg/L	1	0.3	0.3	0.3	0.3	0.3	0.6
Methylene Chloride	µg/L	1	1.2	1.2	0.2	0.2	0.2	0.2
Tetrachloroethene	µg/L	1	0.3	0.3	0.2	0.2	0.2	0.2
Toluene	µg/L	2	0.7	0.7	0.3	0.3	0.3	0.3
Trichloroethene	µg/L	1	0.3	0.3	0.2	0.2	0.2	0.2
Trichlorofluoromethane	µg/L	1	0.2	0.2	0.2	0.2	0.2	0.2
Xylenes, Total	µg/L	1	0.4	0.4	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Aug 1997	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	4.8	6.5
pH	units	NA	NA	NA	NA	NA	7.5	7.1
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	NA	NA	69.8	77
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	203	200	215	205	205	206	213
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	35.4	32.6	34.1	31	29	38	36
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	88.5	64	70	87	78	77	86
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	864	956	802	876	858	774	846
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.30	0.30	0.30	0.30	0.30	0.30	0.30
1,1-Dichloroethene	µg/L	0.17	0.17	**0.20**	0.17	0.34	0.17	0.17
1,1,1-Trichloroethane	µg/L	0.27	0.27	0.27	0.27	0.54	0.27	0.27
1,1,2-Trichloroethane	µg/L	0.34	**0.47**	0.6	0.7	0.34	0.34	0.7
1,2-Dichloroethane	µg/L	0.24	0.24	0.24	0.24	0.24	0.24	0.24
1,4-Dichlorobenzene	µg/L	0.28	0.28	0.28	0.28	0.28	0.28	0.28
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Chloroform	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Chloromethane	µg/L	0.23	0.23	0.23	0.23	0.23	0.23	0.23
cis-1,2-Dichloroethene	µg/L	0.12	0.12	0.12	**0.14**	0.12	0.12	0.12
Dichlorodifluoromethane	µg/L	0.22	0.22	0.22	**0.42**	0.22	0.22	0.22
Methylene Chloride	µg/L	0.21	0.21	0.21	0.21	0.21	0.21	0.21
Tetrachloroethene	µg/L	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Toluene	µg/L	0.12	0.12	**0.30**[(4)]	0.12	0.12	**0.18**[(4)]	0.12
Trichloroethene	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Trichlorofluoromethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	May 1999	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov* 2000
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	5.0	5.2	5.4	5.5	NA	4.0	3.5
pH	units	7.5	7.7	7.5	7.6	7.8	7.6	7.8
Specific Conductance	µmhos/cm	NA	NA	NA	1300	1400	1400	1200
Temperature	F°	78.8	78.8	75.2	75.2	69.8	75.2	69.8
Turbidity	NTU	NA	NA	NA	0	24	0	3
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	276	240	190	220	220	230	230
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	0.006
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	39	37	33	40	44	43	39
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	70	84	74	86	86	96	97
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	0.2
Total Dissolved Solids (TDS)	mg/L	858	940	670	890	980	980	910
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	0.00012
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	0.004
Barium	mg/L	NA	NA	NA	NA	NA	NA	**0.065**
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	0.00042
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	0.00012
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	**0.0062**
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	**0.0038**
Copper	mg/L	NA	NA	NA	NA	NA	NA	**0.0012**
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	0.000098
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	0.001
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	0.350
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	0.012
Silver	mg/L	NA	NA	NA	NA	NA	NA	0.000098
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	0.000063
Tin	mg/L	NA	NA	NA	NA	NA	NA	0.000083
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	**0.0033**
Zinc	mg/L	NA	NA	NA	NA	NA	NA	**0.003**
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.30	0.6	0.31	0.31	**0.42**	0.7	0.9
1,1-Dichloroethene	µg/L	0.17	0.19	0.19	0.19	0.22	0.34	0.34
1,1,1-Trichloroethane	µg/L	0.27	0.24	0.24	0.24	0.16	0.38	0.38
1,1,2-Trichloroethane	µg/L	0.34	1.0	0.6	0.8	0.9	0.9	1.2
1,2-Dichloroethane	µg/L	0.24	0.13	0.13	0.13	0.16	**0.33**	0.32
1,4-Dichlorobenzene	µg/L	0.28	0.24	0.24	0.24	0.23	0.29	0.29
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	**3.5**[(4)]
Bromomethane	µg/L	0.10	0.47	0.47	0.47	0.44	0.36	0.36
Chloroform	µg/L	0.17	0.24	0.24	0.24	0.17	0.28	0.28
Chloromethane	µg/L	0.23	0.48	0.48	0.48	0.45	0.30	0.30
cis-1,2-Dichloroethene	µg/L	0.12	0.19	0.19	0.19	0.46	0.18	0.18
Dichlorodifluoromethane	µg/L	0.22	0.24	0.24	1.6	0.6	**0.30**	0.22
Methylene Chloride	µg/L	0.21	0.27	0.27	0.27	0.24	0.27	0.27
Tetrachloroethene	µg/L	0.32	0.34	0.34	0.34	0.34	0.086	0.086
Toluene	µg/L	**0.26**	**0.25**	0.14	0.14	0.14	0.22	0.22
Trichloroethene	µg/L	0.17	0.17	0.17	0.12	0.27	0.27	0.27
Trichlorofluoromethane	µg/L	1.25	0.43	0.43	0.43	0.099	0.23	0.23
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Feb 2001	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	3.5	3.0	3.2	2.6	3.3	3.3	3.1
pH	units	7.9	7.9	6.9	7.2	7.6	7.6	7.7
Specific Conductance	µmhos/cm	1400	1300	1600	1400	1700	1600	1700
Temperature	F°	68.0	71.6	71.8	71.6	69.8	69.8	71.6
Turbidity	NTU	0	0	18	0	0	14	0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	220	240	230	230	230	240	230
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	43	44	43	45	44	45	42
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	92	100	100	110	99	110	110
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1050	1040	980	810	970	1100	990
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.8	0.9	0.8	1.0	0.96	1.4	0.91
1,1-Dichloroethene	µg/L	0.34	0.34	0.34	0.34	0.38	0.38	0.38
1,1,1-Trichloroethane	µg/L	0.38	0.38	0.38	0.38	0.29	0.29	0.29
1,1,2-Trichloroethane	µg/L	1.1	1.1	1.3	1.1	1.0	0.85	1.3
1,2-Dichloroethane	µg/L	**0.43**	**0.42**	**0.42**	**0.38**	0.20	0.20	0.20
1,4-Dichlorobenzene	µg/L	0.29	.290.	290.29	0.20	0.20	0.20	0.072
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.36	0.36	0.36	0.36	0.35	0.35	0.35
Chloroform	µg/L	0.28	0.28	0.28	0.28	0.36	0.36	0.36
Chloromethane	µg/L	0.30	0.30	0.30	0.30	0.26	0.26	0.26
cis-1,2-Dichloroethene	µg/L	0.18	0.18	0.18	0.18	0.34	0.34	0.34
Dichlorodifluoromethane	µg/L	0.6	0.22	0.5	0.6	**0.64**	**0.83**	**0.98**
Methylene Chloride	µg/L	0.27	0.27	0.27	**0.38**	0.52	0.52	0.52
Tetrachloroethene	µg/L	0.086	0.086	0.086	0.086	0.21	0.21	0.21
Toluene	µg/L	0.22	0.22	0.22	0.22	0.27	0.27	0.27
Trichloroethene	µg/L	0.27	0.27	0.27	0.27	0.25	0.25	0.25
Trichlorofluoromethane	µg/L	0.23	0.23	0.23	0.23	0.54	0.54	0.54
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Nov 2002	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	3.7	3.3	2.0	2.0	2.3	2.3	2.2
pH	units	7.5	7.5	8.1	7.4	7.5	7.7	7.7
Specific Conductance	µmhos/cm	1700	1700	1700	1400	1900	1600	1500
Temperature	F°	69.8	69.8	70.3	71.6	70.9	69.8	68.0
Turbidity	NTU	10	0	0	4	0	0	0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	240	240	230	247	247	246	242
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	41	44	44	45.8	46.3	46.8	45.8
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	100	110	107	110	113	115
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	960	1000	960	1020	1040	958	1040
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	1.4	1.5	0.86	1.5	1.2	1.5	1.2
1,1-Dichloroethene	µg/L	**0.28**	**0.26**	0.12	**0.33**	**0.17**	**0.27**	**0.19**
1,1,1-Trichloroethane	µg/L	0.12	0.12	0.12	0.15	0.072	0.061	0.061
1,1,2-Trichloroethane	µg/L	1.1	0.86	0.75	1.2	1.0	1.1	1.0
1,2-Dichloroethane	µg/L	**0.48**	**0.44**	0.21	**0.43**	**0.45**	**0.46**	**0.42**
1,4-Dichlorobenzene	µg/L	0.072	0.072	0.062	0.069	0.072	**0.14**	0.072
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.48	0.48	0.48	0.068	0.37	0.35	0.35
Chloroform	µg/L	0.17	**0.22**	0.17	0.049	0.048	0.19	0.19
Chloromethane	µg/L	0.36	0.36	0.36	0.11	0.056	0.040	0.040
cis-1,2-Dichloroethene	µg/L	0.18	0.18	0.18	**0.14**	**0.070**	**0.21**	**0.14**
Dichlorodifluoromethane	µg/L	**0.64**	**0.54**	**0.64**	0.71	**0.44**	0.63	0.50
Methylene Chloride	µg/L	**0.22**	0.15	0.15	0.057	**0.12**	**0.18**	0.17
Tetrachloroethene	µg/L	0.17	0.17	0.17	**0.19**	0.049	**0.13**	**0.11**
Toluene	µg/L	0.22	0.22	0.22	0.085	0.042	0.063	0.063
Trichloroethene	µg/L	0.50	0.50	0.71	0.15	0.092	**0.080**	0.070
Trichlorofluoromethane	µg/L	0.16	0.16	0.16	0.18	0.050	**0.070**	0.060
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-4 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-3 (ABANDONED)

ANALYTE	UNITS	Jul 2004	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Jan 2006	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS													
Oxygen, Dissolved	mg/L	3.1	3.8	1.8	1.7	2.8	2.5	2.9	2.5	2.3	0.6	1.7	2.9
pH	units	7.6	7.6	7.8	7.7	6.7	8.1	8.1	7.8	7.7	0.58	6.7	8.1
Specific Conductance	µmhos/cm	1400	1500	1700	1600	1500	1700	1700	1700	1640	89	1500	1700
Temperature	F°	73.4	70.5	69.8	71.6	71.6	71.6	70.3	72	71	0.9	70	72
Turbidity	NTU	0	0	0	23	75	7	0	7	21	32	0	75
GENERAL CHEMISTRY													
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	246	241	254	250	250	230	240	250	245	10	230	254
Cyanide, Total	mg/L	NA	NA	0.0063	NA	NA	NA	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	46.3	45.7	46.3	47	46	46	47	46	46	1	46	47
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	116	114	115	120	110	110	120	115	115	5	110	120
Sulfide	mg/L	NA	NA	0.050	NA	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	1080	1040	1060	960	1100	1100	1100	1100	1064	61	960	1100
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
METALS													
Antimony	mg/L	NA	NA	0.00025	NA	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	0.0064	NA	NA	NA	NA	NC	NC	NC	NC	NC
Barium	mg/L	NA	NA	0.083	NA	NA	NA	NA	NC	NC	NC	NC	NC
Beryllium	mg/L	NA	NA	0.00025	NA	NA	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	NA	NA	0.0027	NA	NA	NA	NA	NC	NC	NC	NC	NC
Calcium	mg/L	NA	NA	120	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chromium, Total	mg/L	NA	NA	**0.003**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cobalt	mg/L	NA	NA	**0.0009**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Copper	mg/L	NA	NA	**0.0022**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Iron	mg/L	NA	NA	**0.0035**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Lead	mg/L	NA	NA	**0.000032**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Magnesium	mg/L	NA	NA	46	NA	NA	NA	NA	NC	NC	NC	NC	NC
Manganese	mg/L	NA	NA	**0.0074**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Mercury	mg/L	NA	NA	0.00021	NA	NA	NA	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nickel	mg/L	NA	NA	0.09	NA	NA	NA	NA	NC	NC	NC	NC	NC
Potassium	mg/L	NA	NA	4	NA	NA	NA	NA	NC	NC	NC	NC	NC
Selenium	mg/L	NA	NA	0.018	NA	NA	NA	NA	NC	NC	NC	NC	NC
Silver	mg/L	NA	NA	0.86	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sodium	mg/L	NA	NA	130	NA	NA	NA	NA	NC	NC	NC	NC	NC
Thallium	mg/L	NA	NA	**0.00018**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NA	0.085	NA	NA	NA	NA	NC	NC	NC	NC	NC
Vanadium	mg/L	NA	NA	0.015	NA	NA	NA	NA	NC	NC	NC	NC	NC
Zinc	mg/L	NA	NA	**0.0064**	NA	NA	NA	NA	NC	NC	NC	NC	NC
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS													
1,1-Dichloroethane	µg/L	1.4	1.4	1.4	1.5	1.6	1.6	1.6	1.6	1.5	0.1	1.40	2
1,1-Dichloroethene	µg/L	0.11	**0.19**	**0.28**	**0.29**	**0.27**	**0.27**	**0.32**	0.28	0.29	0.02	0.27	0.32
1,1,1-Trichloroethane	µg/L	0.16	0.081	0.081	0.16	0.16	0.16	0.16	NC	NC	NC	NC	NC
1,1,2-Trichloroethane	µg/L	1.3	1.2	1.1	1.0	1.2	1.2	1.2	1.2	1.14	0.09	1.00	1.2
1,2-Dichloroethane	µg/L	0.50	**0.41**	**0.52**	**0.47**	**0.29**	**0.49**	**0.49**	0.49	0.45	0.09	0.29	0.52
1,4-Dichlorobenzene	µg/L	0.14	0.051	**0.11**	0.14	0.14	0.14	0.14	NC	NC	NC	NC	NC
Bis(2-ethylhexyl)phthalate	µg/L	NA	NA	1.4	NA	NA	NA	NA	NC	NC	NC	NC	NC
Bromomethane	µg/L	0.21	0.20	0.20	0.21	0.21	0.21	0.21	NC	NC	NC	NC	NC
Chloroform	µg/L	0.11	0.050	0.050	0.11	0.11	**0.14**	0.11	NC	NC	NC	NC	NC
Chloromethane	µg/L	0.17	0.098	0.098	0.17	0.17	0.17	0.17	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene	µg/L	**0.22**	0.070	**0.21**	0.19	0.19	0.19	**0.26**	NC	NC	NC	NC	NC
Dichlorodifluoromethane	µg/L	0.63	0.52	0.63	0.20	0.88	0.80	1.0	0.84	0.83	0.16	0.63	1.0
Methylene Chloride	µg/L	0.43	0.067	0.067	0.44	0.44	0.44	0.44	NC	NC	NC	NC	NC
Tetrachloroethene	µg/L	0.15	0.13	0.13	0.15	0.15	0.15	0.15	NC	NC	NC	NC	NC
Toluene	µg/L	0.15	0.083	0.083	0.15	0.15	0.15	0.15	NC	NC	NC	NC	NC
Trichloroethene	µg/L	0.18	0.075	0.075	0.18	0.18	0.18	0.18	NC	NC	NC	NC	NC
Trichlorofluoromethane	µg/L	0.20	0.060	0.060	0.20	0.20	0.20	0.20	NC	NC	NC	NC	NC
Xylenes, Total	µg/L	ND	ND	ND	0.40	0.40	0.40	0.40	NC	NC	NC	NC	NC

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Oct 1990	Nov 1990	Jan 1991	Apr 1991	Jul 1991	Oct 1991	Apr 1992
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	8.05	8.2	8.2	7.77	7.47	7.87	7.39
Specific Conductance	µmhos/cm	921	920	860	967	945	1001	839
Temperature	F°	76.9	NA	NA	62.2	80.7	68	72.9
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	3000	146	128	146	153	153	72.54
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	140	130	130	130	130	130	123.6
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	1.2	1.1	1	1.2	1.1	1	1.36
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	8	9.5	9.4	8.8	8.7	9.9	7.26
Sulfate	mg/L	110	105	110	110	110	120	118
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1200	575	535	530	540	540	570
Total Organic Carbon (TOC)	mg/L	6.1	1.9	1.7	1.2	1.8	1.3	1.1
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.2	0.2	0.2	0.2	0.2	0.2
Cadmium	mg/L	0.001	0.001	0.001	0.001	0.001	0.001	0.005
Calcium	mg/L	75	73	75	69	72	77	73
Chromium, Total	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Iron	mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lead	mg/L	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium	mg/L	40	37	37	34	34	35	35
Manganese	mg/L	0.1	0.02	0.02	0.02	0.04	0.05	0.05
Mercury	mg/L	0.005	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Molybdenum	mg/L	0.09	0.09	0.08	0.08	0.07	0.08	0.07
Nickel	mg/L	0.04	0.04	0.1	0.1	0.15	0.19	0.19
Potassium	mg/L	9	8	10	8	6	5	6
Selenium	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Silver	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sodium	mg/L	76	66	63	57	62	60	59
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Zinc	mg/L	0.02	0.03	0.07	0.03	0.03	0.02	0.02
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.03	0.03	0.03	0.03	0.15	0.03	0.5
1,2-Dichlorobenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.04	0.5
1,2,3-Trichlorobenzene	µg/L	0.03	0.03	0.03	0.03	0.03	0.03	0.5
1,2,4-Trichlorobenzene	µg/L	0.03	0.03	0.03	0.03	0.03	0.03	0.5
1,3-Dichlorobenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.04	0.5
1,4-Dichlorobenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.04	0.5
Benzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.04	0.5
Bromoform	µg/L	NR	NR	NR	NR	NR	NR	NR
Bromomethane	µg/L	0.2	0.2	0.2	0.2	1	0.2	0.5
Chloromethane	µg/L	0.1	0.1	0.1	0.1	0.5	0.1	0.5
Ethylbenzene	µg/L	0.03	0.03	0.03	0.03	0.03	0.03	0.5
Methylene Chloride	µg/L	0.02	0.02	0.15	0.02	0.1	0.05	0.5
Naphthalene	µg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.5
Tetrachloroethene	µg/L	0.6	0.6	0.6	0.6	0.6	0.6	0.5
Toluene	µg/L	0.03	0.03	0.09	0.06	0.03	0.03	0.5
Trichloroethene	µg/L	0.08	0.08	0.08	0.03	0.4	0.08	0.5
Trichlorofluoromethane	µg/L	0.4	0.02	0.02	0.02	0.02	0.02	0.5
Xylenes, Total	µg/L	0.04	0.04	0.04	0.04	0.57	0.04	0.5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Jun 1992	Aug 1992	Nov 1992	Feb 1993	May 1993	Aug 1993	Nov 1993
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.87	7.53	7.82	7.73	8.28	7.85	7.7
Specific Conductance	µmhos/cm	1136	816	NA	982	865	266	824
Temperature	F°	70.2	69.7	68	67	70.6	66.7	71.3
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	69	124	117	150	133	96	139
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	128	125	125	123	133	100	129
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	1.4	1.6	1.3	1.2	1.4	0.5	1
Nitrate (as N)	mg/L	NA	NA	NA	9.33	7.81	NA	NA
Nitrate/Nitrite	mg/L	9.21	6.91	8.3	9.35	7.84	6.5	7.1
Sulfate	mg/L	74	98	103	105	116	101	128
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	577	597	521	490	402	474	509
Total Organic Carbon (TOC)	mg/L	0.5	4	8.6	13.9	2.9	4.9	0.5
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cadmium	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Calcium	mg/L	74	73	72	74	72	72.6	72
Chromium, Total	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Iron	mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Lead	mg/L	0.2	0.2	0.2	0.2	0.003	0.003	0.003
Magnesium	mg/L	36	36	36	35	36	37.8	35
Manganese	mg/L	0.03	0.06	0.03	0.08	0.03	0.04	0.04
Mercury	mg/L	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.002
Molybdenum	mg/L	0.07	0.07	0.07	0.06	0.07	0.06	0.07
Nickel	mg/L	0.21	0.36	0.26	0.45	0.28	0.44	0.4
Potassium	mg/L	5	6	5	5	5	5	5
Selenium	mg/L	0.005	0.006	0.005	0.005	0.005	0.005	0.005
Silver	mg/L	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sodium	mg/L	59	60	60	59	57	60.3	58
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Zinc	mg/L	0.02	0.03	0.02	0.22	0.03	0.02	0.03
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,2-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,2,3-Trichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,2,4-Trichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,3-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,4-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Benzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Bromoform	µg/L	NR	NR	NR	NR	NR	NR	NR
Bromomethane	µg/L	0.5	1.1	0.5	0.5	0.5	0.5	0.5
Chloromethane	µg/L	0.5	2.3	0.5	0.5	0.5	0.5	0.5
Ethylbenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Methylene Chloride	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Naphthalene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Tetrachloroethene	µg/L	0.5	0.5	0.5	4.6	0.5	0.5	0.5
Toluene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Trichloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Trichlorofluoromethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Xylenes, Total	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Jan 1994	Mar 1994	Apr 1994	Jul 1994	Dec 1994	Mar 1995	May 1995
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.66	NA	7.58	7.26	7.91	7.61	7.71
Specific Conductance	µmhos/cm	893	NA	897	NA	758	692	788
Temperature	F°	62.2	NA	80.8	89.8	63.7	87.3	69.1
Turbidity	NTU	NA	NA	NA	NA	NA	NA	390
GENERAL CHEMISTRY								
Bicarbonate	mg/L	116	NA	112	143	144	1	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	126	NA	122	113	121	128	124
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	1.13	NA	1.47	1.2	1.2	NA	NA
Nitrate (as N)	mg/L	8.1	NA	9.5	8.4	7.1	8.7	9.1
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	114	NA	114	67	98	110	107
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	600	NA	600	555	567	629	502
Total Organic Carbon (TOC)	mg/L	0.5	NA	4.41	3	0.5	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.1	NA	0.03	NA	0.0015	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.28	NA	0.4	0.3	0.3	NA	NA
Cadmium	mg/L	0.01	NA	0.003	0.0017	0.002	NA	NA
Calcium	mg/L	72.5	NA	61.7	72	71	NA	NA
Chromium, Total	mg/L	0.834	NA	0.243	0.49	0.005	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.035	NA	0.014	0.02	0.003	NA	NA
Iron	mg/L	5.5	NA	0.665	4.1	0.05	NA	NA
Lead	mg/L	0.035	NA	0.01	0.05	0.028	NA	NA
Magnesium	mg/L	33.1	NA	27.4	34	34	NA	NA
Manganese	mg/L	0.062	NA	0.017	0.09	0.05	NA	NA
Mercury	mg/L	0.0005	NA	0.0002	0.0005	0.0002	NA	NA
Molybdenum	mg/L	0.071	NA	0.067	0.05	0.04	NA	NA
Nickel	mg/L	0.685	NA	0.023	0.61	0.43	NA	NA
Potassium	mg/L	5.27	NA	3.95	4.5	4.7	NA	NA
Selenium	mg/L	0.1	NA	**0.053**	0.032	0.002	NA	NA
Silver	mg/L	**0.003**	NA	**0.005**	0.01	0.004	NA	NA
Sodium	mg/L	56.9	NA	46.7	54	56	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	**0.004**	NA	0.002	0.01	0.004	NA	NA
Zinc	mg/L	0.235	NA	0.023	0.055	0.058	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	NA	0.2	**0.039**	1	1	1	5
1,2-Dichlorobenzene	µg/L	NA	**0.144**	0.09	0.5	1	1	1
1,2,3-Trichlorobenzene	µg/L	NA	0.599	0.1	0.5	1	1	1
1,2,4-Trichlorobenzene	µg/L	NA	**0.33**	0.1	0.5	1	1	1
1,3-Dichlorobenzene	µg/L	NA	**0.072**	0.05	0.5	1	1	1
1,4-Dichlorobenzene	µg/L	NA	**0.128**	0.08	0.5	1	1	1
Benzene	µg/L	NA	0.2	0.05	0.5	1	1	1
Bromoform	µg/L	NA	0.41	0.41	0.41	0.41	0.41	0.41
Bromomethane	µg/L	NA	0.5	0.2	0.5	1	1	1
Chloromethane	µg/L	NA	0.5	0.2	0.5	3	3	3
Ethylbenzene	µg/L	NA	0.2	0.06	1	1	1	1
Methylene Chloride	µg/L	NA	2	0.7	1	1	1	5
Naphthalene	µg/L	NA	1.42	0.2	NA	2	2	1
Tetrachloroethene	µg/L	NA	0.2	0.08	0.5	1	1	5
Toluene	µg/L	NA	0.2	0.07	1	2	2	2
Trichloroethene	µg/L	NA	0.2	0.05	0.5	1	1	1
Trichlorofluoromethane	µg/L	NA	0.2	0.05	0.5	1	1	5
Xylenes, Total	µg/L	NA	1.5	0.14	1	1	1	5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Jul 1995	Oct 1995	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.43	7.83	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	1010	832	NA	NA	NA	NA	NA
Temperature	F°	71.8	68.7	NA	NA	NA	NA	NA
Turbidity	NTU	86	230	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	1	NA	NA	NA	NA	NA
Chloride	mg/L	129	118	121	119	125	124	122
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	7.4	9.3	8.6	11.0	10.2	12.7	8.03
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	117	117	102	102	95.3	93	94
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	620	586	584	524	566	620	586
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	1	1	0.6	0.6	0.2	0.2	0.2
1,2-Dichlorobenzene	µg/L	1	1	0.3	0.3	0.2	0.2	0.2
1,2,3-Trichlorobenzene	µg/L	NA	1	0.4	0.4	0.2	0.2	0.2
1,2,4-Trichlorobenzene	µg/L	1	1	0.4	0.4	0.2	0.2	0.2
1,3-Dichlorobenzene	µg/L	1	1	0.3	0.3	0.3	0.3	0.3
1,4-Dichlorobenzene	µg/L	1	1	0.3	0.3	0.2	0.2	0.2
Benzene	µg/L	1	1	0.2	0.2	0.3	0.3	0.3
Bromoform	µg/L	0.41	0.41	0.2	0.2	0.2	0.2	0.2
Bromomethane	µg/L	1	1	0.2	0.2	0.4	0.4	0.4
Chloromethane	µg/L	3	3	0.2	0.2	0.3	0.3	0.3
Ethylbenzene	µg/L	1	1	0.3	0.3	0.3	0.3	0.3
Methylene Chloride	µg/L	1	1	1.2	1.2	0.2	0.2	0.2
Naphthalene	µg/L	1	2	0.3	0.3	0.4	0.4	0.4
Tetrachloroethene	µg/L	1	1	0.3	0.3	0.2	0.2	0.2
Toluene	µg/L	2	2	0.7	0.7	0.3	0.3	0.3
Trichloroethene	µg/L	1	1	0.3	0.3	0.2	0.2	0.2
Trichlorofluoromethane	µg/L	1	1	0.2	0.2	0.2	0.2	0.2
Xylenes, Total	µg/L	1	1	0.4	0.4	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	May 1997	Aug 1997	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	1.1
pH	units	NA	NA	NA	NA	NA	NA	7.5
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	NA	NA	NA	71.6
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	128	125	125	125	115	116	112
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	8.84	9.49	9.06	8.13	7.6	9.2	7.4
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	93	99	94	115	107	102
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	636	570	624	530	562	512	502
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.2	0.27	0.27	0.27	0.27	0.27	0.27
1,2-Dichlorobenzene	µg/L	0.2	0.29	0.29	0.29	0.29	0.29	0.29
1,2,3-Trichlorobenzene	µg/L	0.2	0.26	0.26	0.26	0.26	0.26	0.26
1,2,4-Trichlorobenzene	µg/L	0.2	0.26	0.26	0.26	0.26	0.26	0.26
1,3-Dichlorobenzene	µg/L	0.3	0.19	0.19	0.19	0.19	0.19	0.19
1,4-Dichlorobenzene	µg/L	0.2	0.28	0.28	**0.30**[1]	0.28	0.28	0.28
Benzene	µg/L	0.3	0.16	0.16	0.16	0.16	0.16	0.16
Bromoform	µg/L	0.2	0.28	0.28	0.28	0.28	0.28	0.28
Bromomethane	µg/L	0.4	0.10	0.10	0.10	0.10	0.10	0.10
Chloromethane	µg/L	0.3	0.23	0.23	0.23	0.23	0.23	0.23
Ethylbenzene	µg/L	0.3	0.11	0.11	0.11	0.11	0.11	0.11
Methylene Chloride	µg/L	0.2	0.21	0.21	0.21	0.21	0.21	0.21
Naphthalene	µg/L	0.4	0.34	0.34	0.34	0.34	0.34	0.34
Tetrachloroethene	µg/L	0.2	0.32	0.32	0.32	0.32	0.32	0.32
Toluene	µg/L	0.3	0.12	**0.21**	0.6[5]	0.9	**0.14**	0.12
Trichloroethene	µg/L	0.2	0.17	0.17	0.17	0.17	0.17	**0.27**
Trichlorofluoromethane	µg/L	0.2	0.25	0.25	0.25	0.25	0.25	0.25
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Feb 1999	May 1999	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.4	0.7	2.9	0.6	5.7	1.3	3.3
pH	units	7.1	7.6	7.6	7.7	8.1	8.0	7.3
Specific Conductance	µmhos/cm	NA	NA	NA	NA	710	550	800
Temperature	F°	71.6	73.4	77.0	73.4	68.0	71.6	73.4
Turbidity	NTU	NA	NA	NA	NA	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	101	108	110	110	110	110	120
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	10.0	6.4	8.0	7.8	8.4	8.5	8.6
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	83	88	92	96	98	96	110
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	426	470	470	410	530	500	560
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.27	0.27	0.24	0.24	0.24	0.16	0.38
1,2-Dichlorobenzene	µg/L	0.29	0.29	0.25	0.25	0.25	0.19	0.12
1,2,3-Trichlorobenzene	µg/L	0.26	0.26	0.32	0.32	0.32	0.14	0.49
1,2,4-Trichlorobenzene	µg/L	0.26	0.26	0.24	0.24	0.24	0.17	0.35
1,3-Dichlorobenzene	µg/L	0.19	0.19	0.21	0.21	0.21	0.19	0.18
1,4-Dichlorobenzene	µg/L	0.28	0.28	0.24	0.24	0.24	0.23	0.29
Benzene	µg/L	0.16	0.16	**0.3**	0.15	0.15	0.16	0.18
Bromoform	µg/L	0.28	0.28	0.33	0.33	0.33	0.31	0.17
Bromomethane	µg/L	0.10	0.10	0.47	0.47	0.47	0.44	0.36
Chloromethane	µg/L	0.23	0.23	0.48	0.48	0.48	0.45	0.30
Ethylbenzene	µg/L	**0.17**	0.11	0.25	0.25	0.25	0.26	0.18
Methylene Chloride	µg/L	0.21	0.21	0.27	0.27	0.27	0.24	0.27
Naphthalene	µg/L	0.34	0.34	0.23	0.23	0.23	0.054	0.42
Tetrachloroethene	µg/L	0.32	0.32	0.34	0.34	0.34	0.49	0.086
Toluene	µg/L	**0.21**	0.12	0.9	0.14	0.14	0.14	0.22
Trichloroethene	µg/L	0.17	0.17	0.17	0.17	0.17	0.12	0.27
Trichlorofluoromethane	µg/L	0.25	0.25	0.43	0.43	0.43	0.099	0.23
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Nov* 2000	Feb 2001	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.9	1.0	0.9	0.5	1.2	0.6	0.6
pH	units	7.9	7.8	7.6	6.5	7.0	7.3	7.1
Specific Conductance	µmhos/cm	740	810	770	870	820	1100	1000
Temperature	F°	68.0	66.2	69.8	70.0	68.0	66.2	68.0
Turbidity	NTU	<5	<5	<5	15	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	120	120	120	120	120	120	130
Cyanide, Total	mg/L	0.006	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.7	8.5	7.8	7.7	7.8	7.4	6.3
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	100	110	110	110	100	110
Sulfide	mg/L	0.2	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	510	580	560	530	540	540	540
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	**0.00023**	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	**0.0012**	NA	NA	NA	NA	NA	NA
Barium	mg/L	**0.019**	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.00042	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.00012	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	**0.0032**	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	**0.0033**	NA	NA	NA	NA	NA	NA
Copper	mg/L	**0.0038**	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	**0.00013**	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	0.00043	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.560	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.005	NA	NA	NA	NA	NA	NA
Silver	mg/L	0.000098	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.000063	NA	NA	NA	NA	NA	NA
Tin	mg/L	0.000083	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	**0.0013**	NA	NA	NA	NA	NA	NA
Zinc	mg/L	**0.003**	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.38	0.38	0.38	0.38	0.38	0.29	0.29
1,2-Dichlorobenzene	µg/L	0.12	0.12	0.12	0.12	0.12	0.14	0.14
1,2,3-Trichlorobenzene	µg/L	0.49	0.49	0.49	0.49	0.49	0.44	0.44
1,2,4-Trichlorobenzene	µg/L	0.35	0.35	0.35	0.35	0.35	0.20	0.20
1,3-Dichlorobenzene	µg/L	0.18	0.18	0.18	0.18	0.18	0.20	0.20
1,4-Dichlorobenzene	µg/L	0.29	0.29	0.29	0.29	0.29	0.20	0.20
Benzene	µg/L	0.18	0.18	0.18	0.18	0.18	0.28	0.28
Bromoform	µg/L	0.30	0.30	0.30	0.30	0.30	0.30	0.13
Bromomethane	µg/L	0.36	0.36	0.36	0.36	0.36	0.35	0.35
Chloromethane	µg/L	0.30	0.30	0.30	0.30	0.30	0.26	0.26
Ethylbenzene	µg/L	0.18	0.18	0.18	0.18	0.18	0.18	0.18
Methylene Chloride	µg/L	0.27	0.27	0.27	0.27	**0.32**	0.52	0.52
Naphthalene	µg/L	0.42	0.42	0.42	0.42	0.42	0.21	0.21
Tetrachloroethene	µg/L	0.086	0.086	0.086	0.086	0.086	0.21	0.21
Toluene	µg/L	0.22	0.22	0.22	0.22	0.22	0.27	0.27
Trichloroethene	µg/L	0.27	0.27	0.27	0.27	0.27	0.25	0.25
Trichlorofluoromethane	µg/L	0.23	0.23	0.23	0.23	0.23	0.54	0.54
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Aug 2002	Nov 2002	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.4	0.8	0.6	0.2	0.9	1.9	0.9
pH	units	7.2	7.2	7.1	7.7	7.3	7.3	7.3
Specific Conductance	µmhos/cm	1100	1000	1100	1000	900	1100	850
Temperature	F°	69.8	68.0	68.0	69.1	68.0	71.6	68.0
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	120	120	120	120	117	124	124
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.8	6.5	6.7	6.7	6.84	6.68	6.48
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	100	100	110	102	106	106
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	520	550	540	550	610	557	610
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.29	0.12	0.12	0.12	0.15	0.072	0.061
1,2-Dichlorobenzene	µg/L	0.14	0.20	0.20	0.20	0.11	0.089	0.072
1,2,3-Trichlorobenzene	µg/L	0.44	0.29	0.29	0.29	0.048	0.15	0.14
1,2,4-Trichlorobenzene	µg/L	0.20	0.34	0.34	0.34	0.089	0.088	0.089
1,3-Dichlorobenzene	µg/L	0.20	0.15	0.15	0.15	0.035	0.081	0.11
1,4-Dichlorobenzene	µg/L	0.20	0.072	0.072	0.072	0.062	0.069	0.072
Benzene	µg/L	0.28	0.14	0.14	0.14	0.092	0.035	0.060
Bromoform	µg/L	0.13	0.13	0.13	0.13	0.13	0.13	0.062
Bromomethane	µg/L	0.35	0.48	0.48	0.48	0.068	0.37	0.35
Chloromethane	µg/L	0.26	0.36	0.36	0.36	0.11	0.056	0.040
Ethylbenzene	µg/L	0.18	0.26	0.26	0.26	0.11	0.030	0.051
Methylene Chloride	µg/L	0.52	0.15	0.15	0.15	0.057	0.12	0.17
Naphthalene	µg/L	0.21	0.44	0.44	0.44	0.074	0.13	0.074
Tetrachloroethene	µg/L	0.21	0.17	0.17	0.17	0.16	0.049	0.092
Toluene	µg/L	0.27	0.22	0.22	0.22	0.085	0.042	0.063
Trichloroethene	µg/L	0.25	0.50	0.50	0.71	0.15	0.092	0.070
Trichlorofluoromethane	µg/L	0.54	0.16	0.16	0.16	0.18	0.050	0.060
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	May 2004	Jul 2004	Nov 2004	Feb* 2005	May 2005	Aug 2005	Nov 2005
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.0	1.7	1.0	0.6	0.9	0.9	2.3
pH	units	7.0	7.0	7.4	7.6	7.0	7.4	7.5
Specific Conductance	µmhos/cm	840	840	830	950	900	890	1100
Temperature	F°	69.8	73.4	70.5	66.2	69.8	71.6	69.8
Turbidity	NTU	<5	<5	<5	<5	<5	<5	8
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	123	123	123	123	130	130	130
Cyanide, Total	mg/L	NA	NA	NA	0.0063	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.12	5.77	5.64	5.63	5.5	5.3	5.0
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	107	109	106	105	110	110	110
Sulfide	mg/L	NA	NA	NA	0.050	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	560	593	610	557	520	620	630
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	0.00025	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	0.00077	NA	NA	NA
Barium	mg/L	NA	NA	NA	0.026	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	0.00025	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	0.0027	NA	NA	NA
Calcium	mg/L	NA	NA	NA	87	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	**0.0013**	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	**0.0063**	NA	NA	NA
Copper	mg/L	NA	NA	NA	**0.0023**	NA	NA	NA
Iron	mg/L	NA	NA	NA	**0.0051**	NA	NA	NA
Lead	mg/L	NA	NA	NA	**0.000036**	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	34	NA	NA	NA
Manganese	mg/L	NA	NA	NA	0.2	NA	NA	NA
Mercury	mg/L	NA	NA	NA	0.00005	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	0.82	NA	NA	NA
Potassium	mg/L	NA	NA	NA	4.5	NA	NA	NA
Selenium	mg/L	NA	NA	NA	0.0044	NA	NA	NA
Silver	mg/L	NA	NA	NA	0.00086	NA	NA	NA
Sodium	mg/L	NA	NA	NA	62	NA	NA	NA
Thallium	mg/L	NA	NA	NA	0.000045	NA	NA	NA
Tin	mg/L	NA	NA	NA	0.000085	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	**0.0076**	NA	NA	NA
Zinc	mg/L	NA	NA	NA	**0.0095**	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.061	0.16	0.081	0.081	0.16	0.16	0.16
1,2-Dichlorobenzene	µg/L	0.072	0.077	0.050	0.050	0.077	0.077	0.077
1,2,3-Trichlorobenzene	µg/L	0.14	0.14	0.12	0.12	0.14	0.14	0.14
1,2,4-Trichlorobenzene	µg/L	0.089	0.060	0.16	0.16	0.16	0.16	0.16
1,3-Dichlorobenzene	µg/L	0.11	0.14	0.087	0.087	0.14	0.14	0.14
1,4-Dichlorobenzene	µg/L	0.072	0.14	0.051	0.051	0.14	0.14	0.14
Benzene	µg/L	0.060	0.12	0.057	0.057	0.12	0.12	0.12
Bromoform	µg/L	0.062	0.062	0.062	0.33	0.33	0.33	0.33
Bromomethane	µg/L	0.35	0.21	0.20	0.20	0.21	0.21	0.21
Chloromethane	µg/L	0.040	0.17	0.098	0.098	0.17	0.17	0.17
Ethylbenzene	µg/L	0.051	0.12	0.077	0.077	0.13	0.13	0.13
Methylene Chloride	µg/L	0.17	0.43	0.067	0.067	0.44	0.44	0.44
Naphthalene	µg/L	0.074	0.093	0.098	0.098	0.098	0.098	0.098
Tetrachloroethene	µg/L	0.092	0.15	0.13	0.13	0.15	0.15	0.15
Toluene	µg/L	0.063	0.15	0.083	0.083	0.15	0.15	0.15
Trichloroethene	µg/L	0.070	0.18	0.075	0.075	0.18	0.18	0.18
Trichlorofluoromethane	µg/L	0.060	0.20	0.060	0.060	0.20	0.20	0.20
Xylenes, Total	µg/L	ND	ND	ND	ND	0.40	0.40	0.40

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Jan 2006	Apr 2006	Jul 2006	Nov 2006	Jan 2007	May 2007	Aug 2007
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.0	1.1	9.6	6.9	5.7	0	11.8
pH	units	7.4	7.38	7.1	6.8	7.7	7.4	6.7
Specific Conductance	µmhos/cm	1100	870	690	720	800	680	770
Temperature	F°	69.3	69.8	73.4	73.2	66.7	70.7	72.3
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	120	120	130	130	120	120	120
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	5.0	5.0	4.6	2.9	4.3	4.1	4.0
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	110	110	110	110	100	100	110
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	610	560	590	630	600	570	590
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.16	0.16	0.15	0.27	0.11	0.27	0.27
1,2-Dichlorobenzene	µg/L	0.077	0.077	0.11	0.11	0.15	0.13	0.13
1,2,3-Trichlorobenzene	µg/L	0.14	0.14	0.15	0.15	0.11	0.19	0.19
1,2,4-Trichlorobenzene	µg/L	0.16	0.16	0.11	0.11	0.073	0.18	0.18
1,3-Dichlorobenzene	µg/L	0.14	0.14	0.073	0.073	0.099	0.14	0.14
1,4-Dichlorobenzene	µg/L	0.14	0.14	0.099	0.099	0.14	0.089	0.12
Benzene	µg/L	0.12	0.12	0.13	0.14	0.31	0.14	0.12
Bromoform	µg/L	0.33	0.33	0.33	0.22	0.33	0.33	0.22
Bromomethane	µg/L	0.21	0.21	0.19	0.31	0.14	0.31	0.31
Chloromethane	µg/L	0.17	0.17	**0.37**	0.14	0.094	0.072	0.14
Ethylbenzene	µg/L	0.13	0.13	0.094	0.094	0.16	0.094	0.13
Methylene Chloride	µg/L	0.44	0.44	0.13	0.16	0.11	0.16	0.16
Naphthalene	µg/L	0.098	0.098	0.13	0.11	0.18	0.27	0.27
Tetrachloroethene	µg/L	0.15	0.15	0.18	0.18	0.12	0.11	0.11
Toluene	µg/L	0.15	0.15	0.12	0.12	0.18	0.12	0.12
Trichloroethene	µg/L	0.18	0.18	0.18	0.18	0.13	0.13	0.13
Trichlorofluoromethane	µg/L	0.20	0.20	0.13	0.13	0.13	0.14	0.14
Xylenes, Total	µg/L	0.40	0.40	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Nov 2007	Feb 2008	May 2008	Aug 2008	Oct 2008	Jan 2009
FIELD PARAMETERS							
Oxygen, Dissolved	mg/L	6.8	7.5	0.18	0.47	0.24	0.82
pH	units	7.6	7.1	6.92	7.16	7.42	7.42
Specific Conductance	µmhos/cm	1000	1400	1001	1070	1038	1060
Temperature	F°	70.9	68.0	70.1	70.8	70.8	69.0
Turbidity	NTU	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY							
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA
Chloride	mg/L	120	120	120	130	130	120
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	3.8	3.8	3.0	3.3	3.1	2.9
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	110	100	100	100	100
Sulfide	mg/L	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	610	620	640	670	660	620
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA
METALS							
Antimony	mg/L	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS							
1,1,1-Trichloroethane	µg/L	0.27	0.27	0.27	0.18	0.18	0.18
1,2-Dichlorobenzene	µg/L	0.13	0.36	0.36	0.15	0.15	0.15
1,2,3-Trichlorobenzene	µg/L	0.19	0.38	0.38	0.37	0.37	0.37
1,2,4-Trichlorobenzene	µg/L	0.18	0.48	0.48	0.31	0.31	0.31
1,3-Dichlorobenzene	µg/L	0.14	0.35	0.35	0.15	0.15	0.15
1,4-Dichlorobenzene	µg/L	0.12	0.48	0.48	0.16	0.16	0.16
Benzene	µg/L	0.12	0.32	0.32	0.18	0.18	0.18
Bromoform	µg/L	0.22	0.31	0.31	0.24	0.24	0.24
Bromomethane	µg/L	0.31	0.37	0.37	0.21	0.21	0.21
Chloromethane	µg/L	0.14	0.35	0.35	0.20	0.20	0.20
Ethylbenzene	µg/L	0.13	0.33	0.33	0.16	0.16	0.16
Methylene Chloride	µg/L	0.16	0.27	0.27	0.27	0.27	0.27
Naphthalene	µg/L	0.27	0.30	0.30	0.30	0.30	0.30
Tetrachloroethene	µg/L	0.11	0.28	0.28	0.28	0.28	0.28
Toluene	µg/L	0.12	0.24	0.24	0.12	0.12	0.12
Trichloroethene	µg/L	0.13	0.19	0.19	0.16	0.16	0.16
Trichlorofluoromethane	µg/L	0.14	0.28	0.28	0.22	0.22	0.22
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	May 2009	Aug 2009	Oct 2009	Jan 2010	May 2010	Aug 2010	Nov 2010
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	2.60	0.24	0.30	0.99	2.77	0.24	<5
pH	units	6.98	6.86	6.85	6.91	7.19	7.17	6.63
Specific Conductance	µmhos/cm	971	1040	1110	1110	815	950	884
Temperature	F°	71.6	72.3	70.2	68.2	70.1	72.2	68.3
Turbidity	NTU	7.1	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	120	120	120	120	120	120	120
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	0.0016
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	2.9	2.6	2.4	3.3	6.8	6.7	6.3
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	100	100	100	94	96	96
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	0.050
Total Dissolved Solids (TDS)	mg/L	640	660	620	580	530	550	570
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	0.010
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	0.00061
Barium	mg/L	NA	NA	NA	NA	NA	NA	0.029
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	0.0010
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	0.000070
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	0.0010
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	0.0050
Copper	mg/L	NA	NA	NA	NA	NA	NA	0.0023
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	0.00016
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	0.000017
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	0.72
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	0.0041
Silver	mg/L	NA	NA	NA	NA	NA	NA	0.0011
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	**0.00079**
Tin	mg/L	NA	NA	NA	NA	NA	NA	**0.021**
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	0.0010
Zinc	mg/L	NA	NA	NA	NA	NA	NA	0.0059
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.18	0.14	0.14	0.081	0.081	0.11	0.11
1,2-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.068	0.068	0.072	0.072
1,2,3-Trichlorobenzene	µg/L	0.37	0.37	0.37	0.14	0.14	0.16	0.16
1,2,4-Trichlorobenzene	µg/L	0.31	0.31	0.31	0.17	0.17	0.19	0.19
1,3-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.060	0.060	0.15	0.15
1,4-Dichlorobenzene	µg/L	0.16	0.16	0.16	0.083	0.083	0.062	0.062
Benzene	µg/L	0.18	0.18	0.18	0.086	0.086	0.083	0.083
Bromoform	µg/L	0.24	0.60	0.24	0.23	0.23	0.27	0.27
Bromomethane	µg/L	0.21	0.21	0.21	0.20	0.20	0.25	0.25
Chloromethane	µg/L	0.20	0.20	0.20	0.11	0.11	0.14	0.14
Ethylbenzene	µg/L	0.16	0.14	0.14	0.12	0.12	0.098	0.098
Methylene Chloride	µg/L	0.27	0.28	0.28	0.28	0.50	0.48	0.48
Naphthalene	µg/L	0.30	0.30	0.30	0.36	0.36	0.36	0.36
Tetrachloroethene	µg/L	0.28	0.28	0.28	0.13	0.13	0.13	0.13
Toluene	µg/L	0.12	0.12	0.12	0.093	0.093	0.093	0.093
Trichloroethene	µg/L	0.16	0.13	0.13	0.13	0.13	0.085	0.085
Trichlorofluoromethane	µg/L	0.22	0.22	0.22	0.11	0.11	0.13	0.13
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Jan 2011	May 2011	Aug 2011	Nov 2011	Jan 2012	May 2012	Aug 2012
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	2.56	1.82	1.46	1.25	1.41	2.40	0.00
pH	units	6.74	6.71	6.90	7.05	7.33	6.91	6.43
Specific Conductance	µmhos/cm	961	958	948	924	925	942	934
Temperature	F°	69.6	70.3	71.5	70.9	69.7	72.9	71.3
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	110	120	120	110	120	110	120
Cyanide, Total	mg/L	0.0016	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.0	6.0	5.8	5.3	5.2	4.5	4.1
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	93	98	98	94	94	92	95
Sulfide	mg/L	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Total Dissolved Solids (TDS)	mg/L	540	590	550	560	580	570	600
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1,1-Trichloroethane	µg/L	0.11	0.11	0.11	0.11	0.11	0.11	0.11
1,2-Dichlorobenzene	µg/L	0.072	0.072	0.072	0.072	0.072	0.072	0.072
1,2,3-Trichlorobenzene	µg/L	0.16	0.16	0.16	0.16	0.16	0.16	0.16
1,2,4-Trichlorobenzene	µg/L	0.19	0.19	0.19	0.19	0.19	0.19	0.19
1,3-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.15
1,4-Dichlorobenzene	µg/L	0.062	0.062	0.062	0.062	0.062	0.062	0.062
Benzene	µg/L	0.083	0.083	0.083	0.083	0.083	0.083	0.083
Bromoform	µg/L	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Bromomethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Ethylbenzene	µg/L	0.098	0.098	0.098	0.098	0.098	0.098	0.098
Methylene Chloride	µg/L	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Naphthalene	µg/L	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Tetrachloroethene	µg/L	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Trichloroethene	µg/L	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Trichlorofluoromethane	µg/L	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Nov 2012	Jan 2013	May 2013	Aug 2013	Oct 2013	Jan 2014
FIELD PARAMETERS							
Oxygen, Dissolved	mg/L	1.43	1.10	0.87	1.19	1.30	0.88
pH	units	6.65	6.65	6.61	7.12	6.42	7.43
Specific Conductance	µmhos/cm	940	956	817	803	817	828
Temperature	F°	71.4	67.9	71.9	70.9	71.2	70.6
Turbidity	NTU	<5	<5	0.6	0.5	0.8	0.1
GENERAL CHEMISTRY							
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA
Chloride	mg/L	120	120	110	110	110	110
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	3.7	3.8	3.4	3.2	3.0	2.9
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	95	100	95	93	92	94
Sulfide	mg/L	0.050	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	600	620	560	600	600	580
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA
METALS							
Antimony	mg/L	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS							
1,1,1-Trichloroethane	µg/L	0.11	0.11	0.11	0.11	0.11	0.11
1,2-Dichlorobenzene	µg/L	0.072	0.072	0.072	0.072	0.072	0.072
1,2,3-Trichlorobenzene	µg/L	0.16	0.16	0.16	0.16	0.16	0.16
1,2,4-Trichlorobenzene	µg/L	0.19	0.19	0.19	0.19	0.19	0.19
1,3-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.15	0.15	0.15
1,4-Dichlorobenzene	µg/L	0.062	0.062	0.062	0.062	0.062	0.062
Benzene	µg/L	0.083	0.083	0.083	0.083	0.083	0.083
Bromoform	µg/L	0.27	0.27	0.27	0.27	0.27	0.27
Bromomethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14
Ethylbenzene	µg/L	0.098	0.098	0.098	0.098	0.098	0.098
Methylene Chloride	µg/L	0.48	0.48	0.48	0.48	0.48	0.48
Naphthalene	µg/L	0.36	0.36	0.36	0.36	0.36	0.36
Tetrachloroethene	µg/L	0.13	0.13	0.13	0.13	0.13	0.13
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093
Trichloroethene	µg/L	0.085	0.085	0.085	0.085	0.085	0.085
Trichlorofluoromethane	µg/L	0.13	0.13	0.13	0.13	0.13	0.13
Xylenes, Total	µg/L	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-5 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-4

ANALYTE	UNITS	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS							
Oxygen, Dissolved	mg/L	0.75	1.00	1.96	2.63	0	11.8
pH	units	7.00	7.38	7.34	0.455	6.42	8.28
Specific Conductance	µmhos/cm	992	920	904	176	266	1400
Temperature	F°	72.6	70.2	70.8	4.70	62.2	89.8
Turbidity	NTU	0.8	7.10	86.8	149	0.1	390
GENERAL CHEMISTRY							
Bicarbonate	mg/L	NA	133	388	870	1	3000
Carbonate	mg/L	NA	NC	NC	NC	NC	NC
Chloride	mg/L	110	120	121	7.56	100	140
Cyanide, Total	mg/L	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	NA	1.20	1.17	0.292	0.5	1.6
Nitrate (as N)	mg/L	3.1	6.49	6.35	2.42	2.4	12.7
Nitrate/Nitrite	mg/L	NA	8.50	8.32	1.19	6.5	9.9
Sulfate	mg/L	91	100	102	10.1	67	128
Sulfide	mg/L	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	590	570	577	105	402	1200
Total Organic Carbon (TOC)	mg/L	NA	1.85	3.66	4.12	0.5	13.9
METALS							
Antimony	mg/L	NA	NC	NC	NC	**0.00023**	**0.00023**
Arsenic	mg/L	NA	NC	NC	NC	0.00061	**0.0012**
Barium	mg/L	NA	0.0260	0.0244	0.00508	**0.019**	0.029
Beryllium	mg/L	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	0.200	0.236	0.0675	0.2	0.4
Cadmium	mg/L	NA	NC	NC	NC	0.000070	0.0017
Calcium	mg/L	NA	72.6	73.2	5.91	61.7	87
Chromium, Total	mg/L	NA	0.0100	0.111	0.253	0.0010	0.834
Cobalt	mg/L	NA	NC	NC	NC	**0.0033**	**0.0063**
Copper	mg/L	NA	0.0300	0.0234	0.0119	0.0023	0.035
Iron	mg/L	NA	0.100	0.820	1.79	**0.0051**	5.5
Lead	mg/L	NA	NC	NC	NC	**0.000036**	0.035
Magnesium	mg/L	NA	35.0	34.9	3.11	27.4	40
Manganese	mg/L	NA	0.0400	0.0593	0.0523	0.017	0.2
Mercury	mg/L	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	0.0700	0.0694	0.0143	0.04	0.09
Nickel	mg/L	NA	0.280	0.344	0.260	0.023	0.82
Potassium	mg/L	NA	5.00	5.95	1.89	3.95	10
Selenium	mg/L	NA	0.00500	0.0142	0.0238	0.002	**0.053**
Silver	mg/L	NA	NC	NC	NC	0.000098	**0.005**
Sodium	mg/L	NA	59.0	59.7	7.09	46.7	76
Thallium	mg/L	NA	NC	NC	NC	0.000045	**0.00079**
Tin	mg/L	NA	NC	NC	NC	0.000083	**0.021**
Vanadium	mg/L	NA	NC	NC	NC	0.0010	**0.0076**
Zinc	mg/L	NA	0.0300	0.0529	0.0720	**0.003**	0.235
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS							
1,1,1-Trichloroethane	µg/L	0.11	0.180	0.300	0.529	0.03	**0.039**
1,2-Dichlorobenzene	µg/L	0.072	0.135	0.216	0.225	0.04	**0.144**
1,2,3-Trichlorobenzene	µg/L	0.16	0.200	0.292	0.212	0.03	0.599
1,2,4-Trichlorobenzene	µg/L	0.19	0.200	0.279	0.211	0.03	**0.33**
1,3-Dichlorobenzene	µg/L	0.15	0.150	0.228	0.216	0.035	**0.072**
1,4-Dichlorobenzene	µg/L	0.062	0.140	0.226	0.228	0.04	**0.128**
Benzene	µg/L	0.083	NC	NC	NC	0.035	**0.3**
Bromoform	µg/L	0.27	NC	NC	NC	0.062	0.60
Bromomethane	µg/L	0.25	NC	NC	NC	0.068	1.1
Chloromethane	µg/L	0.14	NC	NC	NC	0.040	2.3
Ethylbenzene	µg/L	0.098	NC	NC	NC	0.030	**0.17**
Methylene Chloride	µg/L	0.48	NC	NC	NC	0.02	**0.32**
Naphthalene	µg/L	0.36	NC	NC	NC	0.054	1.42
Tetrachloroethene	µg/L	0.13	NC	NC	NC	0.049	4.6
Toluene	µg/L	0.093	NC	NC	NC	0.03	0.9
Trichloroethene	µg/L	0.085	NC	NC	NC	0.03	**0.27**
Trichlorofluoromethane	µg/L	0.13	NC	NC	NC	0.02	0.4
Xylenes, Total	µg/L	NA	NC	NC	NC	0.04	0.57

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Sep 1990	Nov 1990	Jan 1991	Apr 1991	Jul 1991	Oct 1991	Apr 1992
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.23	7.8	7.9	7.78	7	7.67	7.63
Specific Conductance	µmhos/cm	2020	2200	2530	3270	3150	3080	2840
Temperature	F°	70	NA	NA	66.3	77.5	71.2	67.7
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	130	107	76	85	79	92	41.4
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	510	710	730	870	830	830	583
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	1.4	0.6	0.4	0.6	0.6	0.5	0.7
Nitrate (as N)	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate/Nitrite	mg/L	24	30	39.1	43.3	50	39	50.1
Sulfate	mg/L	35	29	28	26	28	38	90
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1300	1460	1870	2000	2550	2080	1752
Total Organic Carbon (TOC)	mg/L	0.5	3.4	3	3.5	4.9	3.6	4.1
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Cadmium	mg/L	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0025
Calcium	mg/L	120	150	170	200	200	190	150
Chromium, Total	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Lead	mg/L	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Magnesium	mg/L	85	100	120	140	140	120	110
Manganese	mg/L	0.1	0.04	0.06	0.04	0.08	0.05	0.04
Mercury	mg/L	0.0021	0.003	0.0019	0.003	0.003	0.0022	0.0013
Molybdenum	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Nickel	mg/L	0.4	0.26	0.24	0.17	0.33	0.24	0.16
Potassium	mg/L	7	9	12	10	9	8	8
Selenium	mg/L	0.0025	0.0025	0.0025	0.005	0.008	0.007	0.007
Silver	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Sodium	mg/L	140	150	170	190	180	180	160
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Zinc	mg/L	0.02	0.03	0.06	0.04	0.01	0.02	0.01
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.1	0.04	0.58	0.35	0.43	0.9	0.5
1,1-Dichloroethene	µg/L	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	µg/L	0.02	0.05	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/L	0.04	0.04	0.04	0.04	0.04	0.02	1
1,3-Dichlorobenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.04	0.6
1,4-Dichlorobenzene	µg/L	0.04	0.04	0.04	0.04	0.04	0.02	1
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.2	0.2	0.2	0.2	1	0.1	1
Chloroform	µg/L	0.02	0.02	0.02	0.02	0.1	0.08	1
Chloromethane	µg/L	0.1	0.1	0.1	0.1	0.5	0.2	1
cis-1,2-Dichloroethene	µg/L	0.06	0.06	0.03	0.08	0.6	0.12	1
Dibromochloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	µg/L	5	1	0.5	0.6	0.6	0.6	0.6
Methylene Chloride	µg/L	0.02	0.02	0.51	0.04	0.2	0.29	1
Tetrachloroethene	µg/L	0.6	0.6	1.2	1.2	1.2	1.2	1
Toluene	µg/L	0.2	0.06	0.06	0.05	0.03	0.03	1
Trichloroethene	µg/L	0.08	0.08	0.08	0.04	0.4	0.08	1
Trichlorofluoromethane	µg/L	1.2	0.04	0.04	0.04	0.04	0.4	1
Vinyl Chloride	µg/L	1.2	1.2	1.2	6	6	6	2
Xylenes, Total	µg/L	0.08	0.08	0.08	0.07	0.08	0.08	1

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Jun 1992	Aug 1992	Nov 1992	Feb 1993	May 1993	Aug 1993	Nov 1993
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.22	7.78	7.37	7.7	7.82	8.28	7.4
Specific Conductance	µmhos/cm	3060	2050	NA	2270	1980	1953	1736
Temperature	F°	72.7	73.6	68.3	66.7	73.2	75.8	69.6
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	40	76	76	84	81	73	83
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	536	471	405	391	359	390	316
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	0.7	0.9	0.7	0.7	0.7	0.7	0.5
Nitrate (as N)	mg/L	NA	NA	NA	71.88	78	NA	NA
Nitrate/Nitrite	mg/L	60.04	43.9	49.04	72.33	78.41	74	78.2
Sulfate	mg/L	45	86	73	51	62	86	112
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1640	1560	1224	1120	932	1344	1360
Total Organic Carbon (TOC)	mg/L	6	6.8	10.9	10.6	5	9.6	4.4
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.3	0.3	0.3	0.3	0.3	0.32	0.3
Cadmium	mg/L	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
Calcium	mg/L	150	130	120	130	120	110	110
Chromium, Total	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Iron	mg/L	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Lead	mg/L	0.1	0.1	0.1	0.1	0.0015	0.0015	0.0015
Magnesium	mg/L	110	96	88	86	84	84.4	78
Manganese	mg/L	0.02	0.01	0.01	0.01	0.01	0.01	0.01
Mercury	mg/L	0.004	0.0001	0.0016	0.0015	0.0014	0.0027	0.0027
Molybdenum	mg/L	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Nickel	mg/L	0.16	0.07	0.06	0.05	0.07	0.0375	0.02
Potassium	mg/L	8	8	7	7	7	8.9	7
Selenium	mg/L	0.008	0.01	0.009	0.006	0.007	0.0125	0.006
Silver	mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Sodium	mg/L	160	150	140	140	140	146	140
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.025	0.025	0.025	0.025	0.06	0.025	0.025
Zinc	mg/L	0.01	0.02	0.03	0.06	0.02	0.05	0.02
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	2.5	0.5	1.9	0.5	0.5	0.5	0.5
1,1-Dichloroethene	µg/L	NA	NA	0.5	0.5	0.5	0.5	0.5
1,1,2-Trichloroethane	µg/L	NA	NA	0.5	0.5	0.5	0.5	0.5
1,2-Dichloroethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,3-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
1,4-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.5	0.9	0.5	0.5	0.5	0.5	0.5
Chloroform	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Chloromethane	µg/L	0.5	1.4	0.5	0.5	0.5	0.5	0.5
cis-1,2-Dichloroethene	µg/L	0.5	0.5	1	1	1	1	1
Dibromochloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	µg/L	0.3	0.3	0.5	0.5	0.5	0.5	0.5
Methylene Chloride	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Tetrachloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Toluene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Trichloroethene	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Trichlorofluoromethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Vinyl Chloride	µg/L	1	1	1	1	1	1	1
Xylenes, Total	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Jan 1994	Mar 1994	Apr 1994	Jul 1994	Dec 1994	Mar 1995	May 1995
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.5	NA	7.45	7.82	NA	7.85	7.7
Specific Conductance	µmhos/cm	1699	NA	1634	1510	1361	1780	1540
Temperature	F°	59.5	NA	71	80.1	64.7	57.4	67.8
Turbidity	NTU	NA	NA	NA	NA	NA	NA	133
GENERAL CHEMISTRY								
Bicarbonate	mg/L	71.4	NA	77.7	96	91	0.5	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	268	NA	252	229	218	213	215
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	1.66	NA	1.68	0.7	0.7	NA	NA
Nitrate (as N)	mg/L	75.9	NA	73.2	60.5	53	657	65
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	104	NA	104	132	122	136	146
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1150	NA	1110	1230	1130	1200	985
Total Organic Carbon (TOC)	mg/L	6.9	NA	7.9	8	7	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.05	NA	0.015	NA	0.00075	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.6	NA	0.73	0.4	0.7	NA	NA
Cadmium	mg/L	0.005	NA	0.0015	0.03	0.001	NA	NA
Calcium	mg/L	94.7	NA	79.6	97	90	NA	NA
Chromium, Total	mg/L	0.28	NA	0.26	1.6	0.0025	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.005	NA	0.012	0.03	0.0015	NA	NA
Iron	mg/L	0.076	NA	0.467	15	0.025	NA	NA
Lead	mg/L	**0.025**	NA	0.005	0.025	0.014	NA	NA
Magnesium	mg/L	62.8	NA	51.6	66	65	NA	NA
Manganese	mg/L	0.0025	NA	0.008	0.29	0.003	NA	NA
Mercury	mg/L	0.005	NA	**0.0004**	0.0022	0.0001	NA	NA
Molybdenum	mg/L	0.01	NA	0.011	0.03	0.004	NA	NA
Nickel	mg/L	0.011	NA	0.026	0.28	0.006	NA	NA
Potassium	mg/L	6.58	NA	5.44	5.9	5.7	NA	NA
Selenium	mg/L	**0.046**	NA	0.015	0.038	0.001	NA	NA
Silver	mg/L	0.025	NA	0.007	0.005	0.002	NA	NA
Sodium	mg/L	126	NA	98.3	113	118	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	**0.004**	NA	0.001	0.05	0.002	NA	NA
Zinc	mg/L	0.048	NA	0.038	0.11	0.041	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	NA	2.41	2.13	2	1	1	**4**
1,1-Dichloroethene	µg/L	NA	0.5	0.2	0.5	1	1	1
1,1,2-Trichloroethane	µg/L	NA	0.5	0.2	0.5	1	1	1
1,2-Dichloroethane	µg/L	NA	**0.5**	**0.5**	0.5	1	1	1
1,3-Dichlorobenzene	µg/L	NA	0.5	0.5	0.5	1	1	1
1,4-Dichlorobenzene	µg/L	NA	**0.207**	**0.163**	0.5	1	1	1
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	NA	0.5	0.2	0.5	1	1	1
Chloroform	µg/L	NA	0.5	0.2	0.5	1	1	1
Chloromethane	µg/L	NA	0.5	0.2	0.5	3	3	3
cis-1,2-Dichloroethene	µg/L	NA	**0.101**	**0.102**	0.5	1	1	1
Dibromochloromethane	µg/L	NA	NA	NA	0.5	1	1	1
Dichlorodifluoromethane	µg/L	NA	0.5	0.5	0.5	**0.168**	0.236	1
Methylene Chloride	µg/L	NA	**0.944**	0.7	1	1	1	5
Tetrachloroethene	µg/L	NA	0.234	0.08	0.5	1	1	5
Toluene	µg/L	NA	0.2	1.92	1	2	2	2
Trichloroethene	µg/L	NA	**0.129**	0.05	0.5	1	1	1
Trichlorofluoromethane	µg/L	NA	0.2	**0.057**	0.5	1	1	5
Vinyl Chloride	µg/L	NA	1	0.4	1	4	10	4
Xylenes, Total	µg/L	NA	1.5	0.14	1	1	1	5

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Jul 1995	Oct 1995	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.66	7.81	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	1620	1480	NA	NA	NA	NA	NA
Temperature	F°	71.2	71.2	NA	NA	NA	NA	NA
Turbidity	NTU	360	123	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	1	NA	NA	NA	NA	NA
Chloride	mg/L	211	199	202	203	218	235	242
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	55	57	55.0	46.0	49.5	20.7	40.6
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	139	143	136	122	178	184	167
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1040	1030	925	920	1130	1158	1152
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	0.001	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	0.005	NA	NA	NA	NA	NA
Barium	mg/L	NA	0.17	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	0.0003	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	0.001	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	0.0025	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	0.007	NA	NA	NA	NA	NA
Copper	mg/L	NA	0.0015	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	0.00045	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	0.001	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	0.006	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	0.005	NA	NA	NA	NA	NA
Silver	mg/L	NA	0.002	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	0.0005	NA	NA	NA	NA	NA
Tin	mg/L	NA	0.45	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	0.01	NA	NA	NA	NA	NA
Zinc	mg/L	NA	0.042	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	**3**	**4**	9	9	7.3	0.2	11.3
1,1-Dichloroethene	µg/L	1	1	0.3	0.3	0.7	10.9	0.2
1,1,2-Trichloroethane	µg/L	1	1	0.2	**0.8**	0.9	0.8	0.3
1,2-Dichloroethane	µg/L	1	1	0.3	0.3	0.2	**0.3**	0.2
1,3-Dichlorobenzene	µg/L	1	1	0.3	0.3	0.3	0.3	0.3
1,4-Dichlorobenzene	µg/L	1	1	**0.8**	**0.7**	0.6	0.7	**0.43**
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	1	1	0.2	0.2	0.4	0.4	0.4
Chloroform	µg/L	1	1	0.5	0.5	0.2	0.2	0.2
Chloromethane	µg/L	3	3	0.2	0.2	0.3	0.3	0.3
cis-1,2-Dichloroethene	µg/L	1	1	0.2	0.2	0.2	0.2	**0.33**
Dibromochloromethane	µg/L	1	1	0.2	0.2	0.2	0.2	0.2
Dichlorodifluoromethane	µg/L	1	1	0.3	**0.6**	0.3	0.3	0.3
Methylene Chloride	µg/L	1	1	1.2	1.2	**0.24**	0.2	0.2
Tetrachloroethene	µg/L	1	1	0.3	0.3	0.2	0.2	0.2
Toluene	µg/L	2	2	0.7	0.7	1.6	0.3	0.3
Trichloroethene	µg/L	1	1	0.3	0.3	0.2	0.2	0.2
Trichlorofluoromethane	µg/L	1	1	0.2	0.2	0.2	0.2	0.2
Vinyl Chloride	µg/L	2	2	0.4	0.4	0.4	0.4	0.4
Xylenes, Total	µg/L	1	1	0.4	0.4	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	May 1997	Aug 1997	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	6.5
pH	units	NA	NA	NA	NA	7.2	NA	7.5
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	NA	NA	NA	68
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	252	265	265	270	273	270	273
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	40	46.6	38.5	40.6	36	36	31
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	162	214	203	180	155	190	186
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1176	1174	1318	1120	1136	1178	1022
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	13.1	15.0	10.9	17.6	13	8.5	13
1,1-Dichloroethene	µg/L	0.2	0.17	0.17	0.6	**0.35**	0.17	0.17
1,1,2-Trichloroethane	µg/L	0.3	0.34	0.6	1.7	1.2	1.3	0.34
1,2-Dichloroethane	µg/L	0.2	0.24	0.24	0.9	0.51	0.24	0.9
1,3-Dichlorobenzene	µg/L	0.3	0.19	0.19	0.19	0.19	0.19	0.19
1,4-Dichlorobenzene	µg/L	0.9	0.7	0.8	1.1	0.99	0.8	1.0
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.4	0.10	0.10	0.10	0.10	0.10	0.10
Chloroform	µg/L	0.2	0.17	0.17	0.17	0.17	0.17	0.17
Chloromethane	µg/L	0.3	0.23	0.23	0.23	0.23	0.23	0.23
cis-1,2-Dichloroethene	µg/L	**0.39**	0.12	**0.31**	**0.48**	**0.15**	**0.13**	**0.31**
Dibromochloromethane	µg/L	0.2	NA	0.18	0.18	0.18	0.18	0.18
Dichlorodifluoromethane	µg/L	**0.43**	**0.33**	0.22	**0.33**	0.97	**0.48**	0.7
Methylene Chloride	µg/L	0.2	0.21	0.21	**0.33**[4]	0.21	0.21	0.21
Tetrachloroethene	µg/L	0.2	0.32	0.32	0.32	0.32	0.32	0.32
Toluene	µg/L	0.3	0.12	0.12	**0.31**[4]	0.12	0.12	0.12
Trichloroethene	µg/L	0.2	0.17	0.17	0.17	0.17	0.17	0.17
Trichlorofluoromethane	µg/L	0.2	0.25	0.25	0.25	0.25	0.25	0.25
Vinyl Chloride	µg/L	0.4	0.24	0.6	0.24	0.24	0.24	0.24
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Feb 1999	May 1999	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	5.3	4.1	4.0	4.2	5.9	1.2	1.3
pH	units	6.8	7.1	7.3	7.4	7.4	7.3	7.4
Specific Conductance	µmhos/cm	NA	NA	NA	NA	1700	1800	1800
Temperature	F°	75.2	77.0	86.0	73.4	75.2	78.8	73.4
Turbidity	NTU	NA	NA	NA	NA	4	8	0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	277	280	270	290	310	310	300
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	28	28	29	30	25	25	33
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	203	185	190	210	240	210	280
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1016	1090	1150	990	1200	1380	1320
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	12.6	13	8.4	6.2	5.3	4.1	4.4
1,1-Dichloroethene	µg/L	0.6	0.86	0.7	0.6	0.19	0.22	0.34
1,1,2-Trichloroethane	µg/L	2.3	3.9	3.1	3.6	1.9	1.0	0.8
1,2-Dichloroethane	µg/L	1.3	0.24	1.7	1.5	0.8	0.7	**0.43**
1,3-Dichlorobenzene	µg/L	0.19	0.19	0.21	0.21	0.21	0.19	0.18
1,4-Dichlorobenzene	µg/L	1.0	0.28	**0.48**	0.9	1.2	1.0	0.7
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.10	0.10	0.47	0.47	0.47	0.44	0.36
Chloroform	µg/L	0.17	0.17	0.24	0.24	0.24	0.17	0.28
Chloromethane	µg/L	0.23	0.23	0.48	0.48	0.48	0.45	0.30
cis-1,2-Dichloroethene	µg/L	**0.22**	**0.42**	0.19	0.19	0.19	0.46	0.18
Dibromochloromethane	µg/L	0.18	0.18	0.29	0.29	0.29	0.19	0.24
Dichlorodifluoromethane	µg/L	0.7	0.22	1.1	0.5	0.24	**0.30**	0.6
Methylene Chloride	µg/L	0.21	0.21	0.27	0.27	0.27	**0.50**	0.27
Tetrachloroethene	µg/L	0.32	0.32	0.34	0.34	0.34	0.49	0.086
Toluene	µg/L	0.12	0.12	**0.21**	0.14	0.14	0.14	0.22
Trichloroethene	µg/L	0.17	0.17	0.17	0.17	0.17	0.12	0.27
Trichlorofluoromethane	µg/L	0.25	0.25	0.43	0.43	0.43	0.099	212
Vinyl Chloride	µg/L	0.24	0.24	0.38	0.38	0.38	0.15	0.25
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Nov 2000	Feb 2001	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.7	1.4	1.4	6.2	3.9	0.6	4.2
pH	units	7.7	7.7	7.6	6.78	6.80	7.2	7.1
Specific Conductance	µmhos/cm	1700	1800	1800	1900	1700	2000	2100
Temperature	F°	66.2	66.2	73.4	71.6	71.6	67.8	68.0
Turbidity	NTU	0	0	0	0	0	0	4
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	240	270	280	240	270	260	280
Cyanide, Total	mg/L	0.006	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	28	40	43	32	42	40	43
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	280	290	320	260	330	300	320
Sulfide	mg/L	0.2	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1130	1450	1440	1130	1370	1300	1400
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	0.00012	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.003	NA	NA	NA	NA	NA	NA
Barium	mg/L	0.170	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.00042	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.00012	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	**0.0046**	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	**0.0085**	NA	NA	NA	NA	NA	NA
Copper	mg/L	**0.0016**	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.000098	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	**0.00097**	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.400	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.008	NA	NA	NA	NA	NA	NA
Silver	mg/L	**0.00018**	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.000063	NA	NA	NA	NA	NA	NA
Tin	mg/L	0.000083	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	**0.0044**	NA	NA	NA	NA	NA	NA
Zinc	mg/L	**0.003**	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	4.3	5.5	5.6	3.3	4.9	4.0	4.7
1,1-Dichloroethene	µg/L	0.34	0.34	0.34	0.34	0.34	0.38	0.38
1,1,2-Trichloroethane	µg/L	0.6	0.27	0.27	0.27	0.27	0.17	0.17
1,2-Dichloroethane	µg/L	0.32	0.32	0.32	0.32	0.32	0.20	0.20
1,3-Dichlorobenzene	µg/L	0.18	0.18	0.18	0.18	0.18	0.20	0.20
1,4-Dichlorobenzene	µg/L	1	1.3	1.4	0.7	0.7	0.76	0.71
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.36	0.36	0.36	0.36	0.36	0.35	0.35
Chloroform	µg/L	0.28	0.28	0.28	0.28	0.28	0.36	0.36
Chloromethane	µg/L	0.30	0.30	0.30	0.30	0.30	0.26	0.26
cis-1,2-Dichloroethene	µg/L	0.18	0.18	0.18	0.18	0.18	0.34	0.34
Dibromochloromethane	µg/L	0.24	0.24	0.24	0.24	0.24	0.24	0.28
Dichlorodifluoromethane	µg/L	0.9	1.2	0.8	0.9	0.8	**0.82**	**0.71**
Methylene Chloride	µg/L	0.27	0.27	0.27	0.27	**0.41**	0.52	0.52
Tetrachloroethene	µg/L	0.086	**0.20**	**0.23**	**0.30**	**0.31**	**0.36**	**0.39**
Toluene	µg/L	0.22	0.22	0.22	0.22	0.22	0.27	0.27
Trichloroethene	µg/L	0.27	0.27	0.27	0.27	0.27	0.25	0.25
Trichlorofluoromethane	µg/L	**0.25**	**0.55**	**0.45**	**0.37**	**0.37**	0.54	0.54
Vinyl Chloride	µg/L	0.25	0.25	0.25	0.25	0.25	0.32	0.32
Xylenes, Total	µg/L	ND	ND	ND	ND	ND	ND	ND

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Aug 2002	Nov 2002	Feb 2003	May 2003	Aug 2003	Nov 2003	Mar 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	4.7	8.5	7.9	5.3	DRY	DRY	NA
pH	units	7.3	7.1	6.9	7.1	DRY	DRY	7.2
Specific Conductance	µmhos/cm	2200	2200	2200	2100	DRY	DRY	1800
Temperature	F°	70.5	68.0	66.2	63.1	DRY	DRY	69.3
Turbidity	NTU	0	0	0	0	DRY	DRY	OR
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Carbonate	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Chloride	mg/L	250	260	260	250	DRY	DRY	248
Cyanide, Total	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Nitrate (as N)	mg/L	41	39	48	54	DRY	DRY	45.6
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Sulfate	mg/L	330	310	290	240	DRY	DRY	170
Sulfide	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Total Dissolved Solids (TDS)	mg/L	1400	1300	1500	1300	DRY	DRY	1180
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	DRY	DRY	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Arsenic	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Barium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Beryllium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Boron	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Cadmium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Calcium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Chromium, Total	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Cobalt	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Copper	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Iron	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Lead	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Magnesium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Manganese	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Mercury	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Molybdenum	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Nickel	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Potassium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Selenium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Silver	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Sodium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Thallium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Tin	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Vanadium	mg/L	NA	NA	NA	NA	DRY	DRY	NA
Zinc	mg/L	NA	NA	NA	NA	DRY	DRY	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	4.0	1.1	0.97	**0.24**	DRY	DRY	2.8
1,1-Dichloroethene	µg/L	0.38	0.12	0.12	0.12	DRY	DRY	2.1
1,1,2-Trichloroethane	µg/L	0.17	0.51	0.66	**0.44**	DRY	DRY	8.2
1,2-Dichloroethane	µg/L	0.20	**0.39**	**0.44**	0.21	DRY	DRY	4.6
1,3-Dichlorobenzene	µg/L	0.20	0.15	0.15	0.15	DRY	DRY	0.11
1,4-Dichlorobenzene	µg/L	0.60	0.072	0.072	0.072	DRY	DRY	**0.45**
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Bromomethane	µg/L	0.35	0.48	0.48	0.48	DRY	DRY	0.35
Chloroform	µg/L	0.36	0.17	0.17	0.17	DRY	DRY	0.19
Chloromethane	µg/L	0.26	0.36	0.36	0.36	DRY	DRY	0.040
cis-1,2-Dichloroethene	µg/L	0.34	0.18	0.18	0.18	DRY	DRY	0.061
Dibromochloromethane	µg/L	0.28	0.37	0.37	0.37	DRY	DRY	0.12
Dichlorodifluoromethane	µg/L	1.0	**0.76**	**0.56**	**0.77**	DRY	DRY	0.77
Methylene Chloride	µg/L	0.52	0.15	0.15	0.15	DRY	DRY	0.50
Tetrachloroethene	µg/L	**0.45**	0.63	0.85	0.63	DRY	DRY	0.84
Toluene	µg/L	0.27	0.22	0.22	0.22	DRY	DRY	0.205
Trichloroethene	µg/L	0.25	0.50	0.50	0.71	DRY	DRY	**0.11**
Trichlorofluoromethane	µg/L	0.54	**0.36**	**0.36**	**0.39**	DRY	DRY	**0.15**
Vinyl Chloride	µg/L	0.32	0.13	0.13	0.13	DRY	DRY	NC
Xylenes, Total	µg/L	ND	ND	ND	ND	DRY	DRY	NC

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	May 2004	Jul 2004	Nov 2004	Feb 2005	May 2005	Aug 2005
FIELD PARAMETERS							
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA
pH	units	7.6	6.7	6.9	7.0	6.9	6.4
Specific Conductance	µmhos/cm	2000	1700	1900	1800	1800	1600
Temperature	F°	69.8	70.2	72.0	68.0	71.6	71.6
Turbidity	NTU	OR	OR	64	60	330	OR
GENERAL CHEMISTRY							
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA
Chloride	mg/L	252	254	251	255	260	260
Cyanide, Total	mg/L	NA	NA	NA	0.0063	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	51.7	53.8	53.4	54.5	54	51
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	179	180	160	160	170	160
Sulfide	mg/L	NA	NA	NA	0.050	NA	NA
Total Dissolved Solids (TDS)	mg/L	1180	1280	1270	1280	1100	1200
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA
METALS							
Antimony	mg/L	NA	NA	NA	0.00025	NA	NA
Arsenic	mg/L	NA	NA	NA	0.0027	NA	NA
Barium	mg/L	NA	NA	NA	0.2	NA	NA
Beryllium	mg/L	NA	NA	NA	0.00025	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	0.0027	NA	NA
Calcium	mg/L	NA	NA	NA	130	NA	NA
Chromium, Total	mg/L	NA	NA	NA	**0.0038**	NA	NA
Cobalt	mg/L	NA	NA	NA	**0.0019**	NA	NA
Copper	mg/L	NA	NA	NA	**0.0011**	NA	NA
Iron	mg/L	NA	NA	NA	**0.01**	NA	NA
Lead	mg/L	NA	NA	NA	**0.000069**	NA	NA
Magnesium	mg/L	NA	NA	NA	62	NA	NA
Manganese	mg/L	NA	NA	NA	0.012	NA	NA
Mercury	mg/L	NA	NA	NA	0.00022	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	0.22	NA	NA
Potassium	mg/L	NA	NA	NA	6.6	NA	NA
Selenium	mg/L	NA	NA	NA	0.0082	NA	NA
Silver	mg/L	NA	NA	NA	0.00086	NA	NA
Sodium	mg/L	NA	NA	NA	110	NA	NA
Thallium	mg/L	NA	NA	NA	0.000045	NA	NA
Tin	mg/L	NA	NA	NA	0.000085	NA	NA
Vanadium	mg/L	NA	NA	NA	0.018	NA	NA
Zinc	mg/L	NA	NA	NA	**0.0025**	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS							
1,1-Dichloroethane	µg/L	2.8	3.0	3.2	3.4	3.9	4.2
1,1-Dichloroethene	µg/L	1.8	2.1	1.9	1.7	1.7	1.8
1,1,2-Trichloroethane	µg/L	8.9	10	8.9	8.2	7.3	7.1
1,2-Dichloroethane	µg/L	5.4	5.3	4.8	4.8	4.4	4.2
1,3-Dichlorobenzene	µg/L	0.11	0.11	0.087	0.087	0.14	0.14
1,4-Dichlorobenzene	µg/L	**0.49**	**0.35**	**0.41**	**0.76**	**0.42**	0.61
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	**0.52**	NA	NA
Bromomethane	µg/L	3.1	0.21	0.20	0.20	**0.48**	0.21
Chloroform	µg/L	0.19	0.11	0.050	0.050	0.11	0.11
Chloromethane	µg/L	0.040	0.17	0.098	0.098	0.17	0.17
cis-1,2-Dichloroethene	µg/L	0.64	0.81	0.72	0.95	0.95	**0.49**
Dibromochloromethane	µg/L	0.10	0.12	0.11	0.14	0.79	0.14
Dichlorodifluoromethane	µg/L	0.80	0.89	0.93	0.73	0.20	0.78
Methylene Chloride	µg/L	0.17	0.43	0.067	**0.19**	0.44	0.44
Tetrachloroethene	µg/L	0.95	1.1	1.9	0.83	1.2	0.70
Toluene	µg/L	0.063	0.15	0.083	0.083	0.15	0.15
Trichloroethene	µg/L	**0.12**	0.18	**0.12**	0.075	0.18	0.18
Trichlorofluoromethane	µg/L	**0.18**	**0.24**	**0.26**	**0.16**	**0.21**	0.20
Vinyl Chloride	µg/L	0.057	0.16	0.11	0.11	0.16	0.16
Xylenes, Total	µg/L	ND	ND	ND	ND	0.40	0.40

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-6 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-5 (ABANDONED)

ANALYTE	UNITS	Nov 2005	Feb 2006	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NC	NC	NC	NC	NC
pH	units	6.6	7.9	6.9	6.96	0.58	6.4	7.90
Specific Conductance	µmhos/cm	1900	1900	1800	1800.0	122.47	1600	1900
Temperature	F°	68.0	69.6	69.62	69.76	1.80	68.0	72
Turbidity	NTU	OR	OR	NC	NC	NC	NC	NC
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NC	NC	NC	NC	NC
Carbonate	mg/L	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	240	260	260	255.00	8.66	240	260
Cyanide, Total	mg/L	NA	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	52	50	52.0	52.30	1.9	50.0	55
Nitrate/Nitrite	mg/L	NA	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	170	160	160	164.00	5.48	160	170
Sulfide	mg/L	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	160	1200	1200	988.00	467.25	160	1280
Total Organic Carbon (TOC)	mg/L	NA	NA	NC	NC	NC	NC	NC
METALS								
Antimony	mg/L	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	NC	NC	NC	NC	NC
Barium	mg/L	NA	NA	NC	NC	NC	NC	NC
Beryllium	mg/L	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	NA	NA	NC	NC	NC	NC	NC
Calcium	mg/L	NA	NA	NC	NC	NC	NC	NC
Chromium, Total	mg/L	NA	NA	NC	NC	NC	NC	NC
Cobalt	mg/L	NA	NA	NC	NC	NC	NC	NC
Copper	mg/L	NA	NA	NC	NC	NC	NC	NC
Iron	mg/L	NA	NA	NC	NC	NC	NC	NC
Lead	mg/L	NA	NA	NC	NC	NC	NC	NC
Magnesium	mg/L	NA	NA	NC	NC	NC	NC	NC
Manganese	mg/L	NA	NA	NC	NC	NC	NC	NC
Mercury	mg/L	NA	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NA	NC	NC	NC	NC	NC
Nickel	mg/L	NA	NA	NC	NC	NC	NC	NC
Potassium	mg/L	NA	NA	NC	NC	NC	NC	NC
Selenium	mg/L	NA	NA	NC	NC	NC	NC	NC
Silver	mg/L	NA	NA	NC	NC	NC	NC	NC
Sodium	mg/L	NA	NA	NC	NC	NC	NC	NC
Thallium	mg/L	NA	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NA	NC	NC	NC	NC	NC
Vanadium	mg/L	NA	NA	NC	NC	NC	NC	NC
Zinc	mg/L	NA	NA	NC	NC	NC	NC	NC
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	5.2	4.8	4.2	4.30	0.71	3.40	5.2
1,1-Dichloroethene	µg/L	1.8	1.6	1.7	1.72	0.08	1.6	1.8
1,1,2-Trichloroethane	µg/L	7.1	6.8	7.1	7.30	0.53	6.8	8
1,2-Dichloroethane	µg/L	4.7	4.1	4.4	4.44	0.3	4.10	4.8
1,3-Dichlorobenzene	µg/L	0.14	0.14	NC	NC	NC	NC	NC
1,4-Dichlorobenzene	µg/L	**0.49**	0.69	0.61	0.59	0.14	0.420	0.8
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NC	NC	NC	NC	NC
Bromomethane	µg/L	0.21	0.21	NC	NC	NC	NC	NC
Chloroform	µg/L	0.11	0.11	NC	NC	NC	NC	NC
Chloromethane	µg/L	0.17	0.17	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene	µg/L	1.1	1.2	0.95	0.94	0.27	0.490	1.2
Dibromochloromethane	µg/L	0.14	0.14	NC	NC	NC	NC	NC
Dichlorodifluoromethane	µg/L	0.20	0.67	0.73	0.73	0.06	0.670	0.8
Methylene Chloride	µg/L	0.44	0.44	NC	NC	NC	NC	NC
Tetrachloroethene	µg/L	1.0	0.77	0.83	0.90	0.20	0.70	1.2
Toluene	µg/L	0.15	0.15	NC	NC	NC	NC	NC
Trichloroethene	µg/L	0.18	0.18	NC	NC	NC	NC	NC
Trichlorofluoromethane	µg/L	**0.23**	0.20	0.21	0.20	0.04	0.160	0.2
Vinyl Chloride	µg/L	0.16	0.16	NC	NC	NC	NC	NC
Xylenes, Total	µg/L	0.40	0.40	NC	NC	NC	NC	NC

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Feb 1993	May 1993	Aug 1993	Nov 1993	Jan 1994	Mar 1994	Apr 1994
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.97	8.03	8.72	7.65	8.26	NA	8.02
Specific Conductance	µmhos/cm	1153	859	744	751	755	NA	740
Temperature	F°	66.4	72.7	76.6	74.9	61.7	NA	70.3
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	170	158	106	158	131	NA	141
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	128	111	62	75	72	NA	70
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	0.65	0.7	0.5	0.6	0.834	NA	0.963
Nitrate (as N)	mg/L	9.57	7.95	NA	NA	12.4	NA	12.8
Nitrate/Nitrite	mg/L	9.96	7.99	8.8	10.5	NA	NA	NA
Sulfate	mg/L	107	98	81	100	99	NA	104
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	560	524	505	468	520	NA	500
Total Organic Carbon (TOC)	mg/L	13.3	4	5.2	0.5	2.6	NA	1.48
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.01	0.01	0.01	0.01	0.1	NA	0.03
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.4	0.3	0.34	0.3	0.56	NA	0.56
Cadmium	mg/L	0.008	0.009	0.005	0.005	0.01	NA	0.003
Calcium	mg/L	55	47	33.3	36	30.6	NA	31.7
Chromium, Total	mg/L	0.01	0.01	0.01	0.01	0.097	NA	0.109
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.03	0.03	0.03	0.03	0.011	NA	0.008
Iron	mg/L	0.1	0.1	0.1	0.1	0.8	NA	0.583
Lead	mg/L	0.2	0.003	0.003	0.003	**0.029**	NA	**0.018**
Magnesium	mg/L	18	14	10.7	11	10.3	NA	8.59
Manganese	mg/L	0.28	0.2	0.05	0.02	0.01	NA	0.013
Mercury	mg/L	0.0002	0.0002	0.0002	0.002	0.0005	NA	0.0002
Molybdenum	mg/L	0.05	0.05	0.05	0.05	0.025	NA	0.026
Nickel	mg/L	0.04	0.04	0.075	0.04	0.016	NA	0.029
Potassium	mg/L	5	5	5	5	3.31	NA	2.68
Selenium	mg/L	0.005	0.005	0.025	0.005	0.1	NA	**0.057**
Silver	mg/L	0.01	0.01	0.01	0.01	0.016	NA	**0.004**
Sodium	mg/L	130	120	110	110	101	NA	84.2
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.05	0.08	0.05	0.05	**0.002**	NA	0.002
Zinc	mg/L	0.02	0.02	0.02	0.02	0.023	NA	0.019
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.5	0.5	0.5	0.5	NA	0.2	0.03
1,1-Dichloroethene	µg/L	0.5	0.5	0.5	0.5	NA	0.2	0.03
1,1,1-Trichloroethane	µg/L	0.5	0.5	0.5	0.5	NA	1.72	1.02
1,2-Dichloroethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.2
1,3-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	NA	0.5	0.5
1,4-Dichlorobenzene	µg/L	0.5	0.5	0.5	0.5	NA	0.5	0.03
Benzene	µg/L	0.5	0.5	0.5	0.5	NA	0.2	0.05
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/L	0.5	0.5	0.5	0.5	NA	0.5	0.2
Chloroform	µg/L	0.5	0.5	0.5	0.5	NA	0.5	0.2
Chloromethane	µg/L	0.5	0.5	0.5	0.5	0.5	0.5	0.2
cis-1,2-Dichloroethene	µg/L	0.5	0.5	0.5	0.5	NA	0.1	0.1
Dibromochloromethane	µg/L	0.5	0.5	0.5	0.5	NA	0.529	0.07
Dichlorodifluoromethane	µg/L	1	1	1	1	NA	0.5	0.5
Methylene Chloride	µg/L	0.5	0.5	0.5	0.5	NA	2	0.7
Tetrachloroethene	µg/L	0.5	0.5	0.5	0.5	NA	0.2	0.03
Toluene	µg/L	0.5	0.5	0.5	0.5	NA	0.2	1.26
Trichloroethene	µg/L	0.5	0.5	0.5	0.5	NA	0.2	0.03
Trichlorofluoromethane	µg/L	0.5	0.5	0.5	0.5	NA	0.611	0.412
Vinyl Chloride	µg/L	NA	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Jul 1994	Dec 1994	Mar 1995	May 1995	Jul 1995	Oct 1995	Feb 1996
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.96	NA	7.15	7.28	7.22	7.14	NA
Specific Conductance	µmhos/cm	890	NA	948	940	1000	1040	NA
Temperature	F°	77.8	65.4	42.1	67.6	71.6	71.1	NA
Turbidity	NTU	NA	NA	NA	253	80	98	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	212	229	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	1	NA
Chloride	mg/L	61	64	67	62	62	56	60
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	0.9	0.7	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	10.2	8.7	11	13	6	11	14.0
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	87	88	90	81	82	90	72
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	469	530	533	617	657	654	590
Total Organic Carbon (TOC)	mg/L	1	1	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	0.0015	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.4	0.5	NA	NA	NA	NA	NA
Cadmium	mg/L	0.016	0.002	NA	NA	NA	NA	NA
Calcium	mg/L	43	48	NA	NA	NA	NA	NA
Chromium, Total	mg/L	0.84	0.005	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.02	0.003	NA	NA	NA	NA	NA
Iron	mg/L	18	0.05	NA	NA	NA	NA	NA
Lead	mg/L	0.05	0.028	NA	NA	NA	NA	NA
Magnesium	mg/L	16	14	NA	NA	NA	NA	NA
Manganese	mg/L	0.35	0.03	NA	NA	NA	NA	NA
Mercury	mg/L	0.001	0.0002	NA	NA	NA	NA	NA
Molybdenum	mg/L	0.03	0.008	NA	NA	NA	NA	NA
Nickel	mg/L	0.2	0.05	NA	NA	NA	NA	NA
Potassium	mg/L	5.6	3.1	NA	NA	NA	NA	NA
Selenium	mg/L	0.003	0.002	NA	NA	NA	NA	NA
Silver	mg/L	0.01	0.004	NA	NA	NA	NA	NA
Sodium	mg/L	107	114	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.03	0.004	NA	NA	NA	NA	NA
Zinc	mg/L	0.083	0.002	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.5	1	**4**	**1**	1	1	**2**
1,1-Dichloroethene	µg/L	0.5	1	1	1	1	1	0.3
1,1,1-Trichloroethane	µg/L	3	1	1	7	**3**	4	0.6
1,2-Dichloroethane	µg/L	0.5	1	1	1	1	1	0.3
1,3-Dichlorobenzene	µg/L	0.5	1	1	1	1	1	0.3
1,4-Dichlorobenzene	µg/L	0.5	1	1	1	1	1	**0.8**
Benzene	µg/L	0.5	1	1	1	1	1	**0.2**
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/L	0.5	1	5	3	3	3	0.2
Chloroform	µg/L	0.5	1	**2**	1	1	1	0.5
Chloromethane	µg/L	0.5	3	3	3	3	3	0.2
cis-1,2-Dichloroethene	µg/L	0.5	1	1	1	1	1	0.2
Dibromochloromethane	µg/L	0.5	1	1	1	1	1	NA
Dichlorodifluoromethane	µg/L	0.5	0.5	0.2	0.417	**0.7**	**1**	**3**
Methylene Chloride	µg/L	1	1	1	**2**	5	1	1.2
Tetrachloroethene	µg/L	0.5	1	1	1	1	1	0.3
Toluene	µg/L	0.5	2	2	2	2	2	**2**
Trichloroethene	µg/L	0.5	1	1	1	1	1	0.3
Trichlorofluoromethane	µg/L	0.9	1	1	**2**	1	1	0.2
Vinyl Chloride	µg/L	NA	NA	NA	NA	NA	NA	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997	Nov 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	60	64	65	60	65	60	66
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	17.0	12.1	10.6	8.84	9.6	9.26	9.6
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	74	84.6	91.8	76.6	95	74.2	77
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	570	592	586	606	566	612	598
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	**0.8**	2.1	0.6	1.9	3.1	11.3	5.0
1,1-Dichloroethene	µg/L	0.3	1.6	**0.3**	0.2	0.5	0.7	0.9
1,1,1-Trichloroethane	µg/L	**2**	1.7	0.7	2.6	1.7	3.2	1.8
1,2-Dichloroethane	µg/L	0.3	0.2	0.2	0.2	0.2	0.2	0.24
1,3-Dichlorobenzene	µg/L	0.3	0.3	0.3	0.3	0.3	0.19	0.19
1,4-Dichlorobenzene	µg/L	0.3	0.2	0.2	0.2	0.2	0.28	0.28
Benzene	µg/L	0.2	0.3	0.3	0.3	0.3	0.5	0.16
Carbon Disulfide	µg/L	**3**	0.3	0.3	0.3	0.3	NA	NA
Chloroethane	µg/L	0.2	0.2	0.2	0.2	0.8	2.1	0.6
Chloroform	µg/L	0.5	0.2	0.2	0.2	0.2	**0.38**	**0.36**
Chloromethane	µg/L	0.2	0.3	0.3	0.3	0.3	0.23	0.23
cis-1,2-Dichloroethene	µg/L	0.2	0.2	0.2	0.2	0.2	0.12	0.12
Dibromochloromethane	µg/L	NA	0.2	0.2	0.2	0.2	0.18	0.18
Dichlorodifluoromethane	µg/L	**2**	6.6	1.1	4.9	0.3	5.6	4.1
Methylene Chloride	µg/L	1.2	3.0	**0.5**	4.5	8.1	25.2	3.7
Tetrachloroethene	µg/L	**0.8**	1.7	**0.4**	2.6	1.3	4.2	2.1
Toluene	µg/L	0.7	**0.31**	0.3	0.3	0.3	0.12	0.12
Trichloroethene	µg/L	0.3	**0.30**	0.2	0.2	0.2	0.7	0.5
Trichlorofluoromethane	µg/L	**0.4**	**0.35**	0.2	0.8	**0.36**	0.8	1.7
Vinyl Chloride	µg/L	NA	NA	NA	NA	NA	NA	0.8

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999	Aug 1999
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	5.3	0.8	0.7	0.5
pH	units	NA	6.3	NA	6.8	5.9	6.2	6.1
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	66.2	77.0	78.8	80.6
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	60	46	51	48	50	51	44
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	10.1	8.2	8.3	9.4	8.5	7.1	9.6
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	85	65	71	65	66	67	69
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	518	474	534	558	574	610	580
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	7.8	8.1	4.7	6.8	8.4	9.8	43
1,1-Dichloroethene	µg/L	0.17	1.2	1.0	1.3	0.17	**0.49**	0.6
1,1,1-Trichloroethane	µg/L	1.3	3.1	1.6	1.9	2.0	1.4	2.6
1,2-Dichloroethane	µg/L	0.24	0.24	0.24	0.24	0.24	0.24	0.13
1,3-Dichlorobenzene	µg/L	0.19	0.19	0.19	0.19	0.19	0.19	0.21
1,4-Dichlorobenzene	µg/L	0.28	0.28	0.28	0.28	0.28	0.28	0.24
Benzene	µg/L	0.16	0.16	0.16	0.16	0.16	0.16	**0.20**
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/L	1.4	0.12	0.12	0.12	0.12	0.12	6.4
Chloroform	µg/L	0.6	0.55	**0.32**	**0.36**	**0.40**	0.17	1.1
Chloromethane	µg/L	0.23	0.23	0.23	0.23	0.23	0.23	0.48
cis-1,2-Dichloroethene	µg/L	**0.13**	0.12	0.12	0.12	0.12	**0.42**	0.19
Dibromochloromethane	µg/L	0.18	0.18	0.18	0.18	0.18	0.18	0.29
Dichlorodifluoromethane	µg/L	1.4	9.5	3.5	4.6	4.6	1.3	9.3
Methylene Chloride	µg/L	8.6	1.3	1.4	1.4	3.2	1.9	36
Tetrachloroethene	µg/L	3.3	5.6	4.7	4.3	4.3	1.9	2.5
Toluene	µg/L	**0.36**[5]	0.12	0.12	0.12	0.12	0.12	**0.22**
Trichloroethene	µg/L	1.6	1.2	1.0	0.7	0.7	0.68	1.6
Trichlorofluoromethane	µg/L	**0.48**	2.0	**0.31**	**0.31**	0.6	1.0	0.43
Vinyl Chloride	µg/L	0.24	0.24	1.3	1.2	0.24	0.24	0.38

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001	May 2001
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.8	1.4	0.3	1.8	1.6	1.1	1.7
pH	units	6.7	6.7	6.5	6.6	7.0	6.9	7.0
Specific Conductance	µmhos/cm	NA	780	590	900	750	800	760
Temperature	F°	75.2	73.4	80.6	75.2	68.0	68.0	75.2
Turbidity	NTU	NA	1	1	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	45	44	45	50	51	49	51
Cyanide, Total	mg/L	NA	NA	NA	NA	0.006	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	11	7.8	6.9	9.2	8.4	9.1	8.9
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	64	62	64	73	100	92	90
Sulfide	mg/L	NA	NA	NA	NA	0.2	NA	NA
Total Dissolved Solids (TDS)	mg/L	540	570	600	590	550	580	530
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	0.00012	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	0.003	NA	NA
Barium	mg/L	NA	NA	NA	NA	**0.036**	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	0.00042	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	0.001	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	**0.0062**	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	**0.00015**	NA	NA
Copper	mg/L	NA	NA	NA	NA	**0.00090**	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	0.000098	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	0.00043	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	0.013	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	**0.0048**	NA	NA
Silver	mg/L	NA	NA	NA	NA	0.000098	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	0.000063	NA	NA
Tin	mg/L	NA	NA	NA	NA	0.000083	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	**0.0031**	NA	NA
Zinc	mg/L	NA	NA	NA	NA	**0.0036**	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	17	67	66	39	8.5	12	10
1,1-Dichloroethene	µg/L	0.19	1.4	0.8	0.34	0.34	0.34	0.8
1,1,1-Trichloroethane	µg/L	1.3	2.5	2.1	1.2	0.38	0.6	**0.40**
1,2-Dichloroethane	µg/L	0.13	**0.35**	**0.18**	0.32	0.32	0.32	0.32
1,3-Dichlorobenzene	µg/L	0.21	0.21	0.19	0.18	0.18	0.18	0.18
1,4-Dichlorobenzene	µg/L	0.24	0.24	**0.29**	0.29	0.29	0.29	0.29
Benzene	µg/L	0.15	0.6	**0.35**	0.18	0.18	0.18	0.18
Carbon Disulfide	µg/L	NA	NA	NA	NA	0.26	0.26	0.26
Chloroethane	µg/L	0.9	11	5.3	0.21	0.21	**0.45**	0.21
Chloroform	µg/L	**0.49**	1.5	1.5	0.8	0.28	**0.32**	**0.31**
Chloromethane	µg/L	0.48	0.48	0.45	0.30	0.30	0.30	0.30
cis-1,2-Dichloroethene	µg/L	0.19	0.9	3.1	1.1	0.18	**0.19**	**0.22**
Dibromochloromethane	µg/L	0.29	0.29	0.19	0.24	0.24	0.24	0.24
Dichlorodifluoromethane	µg/L	4.8	11	6.1	5.3	3.5	3.9	0.22
Methylene Chloride	µg/L	5.8	110	53	8.8	**1.1**	**0.90**	**0.41**
Tetrachloroethene	µg/L	3.8	9.0	4.6	2.0	2.0	3.2	3.5
Toluene	µg/L	0.14	**0.23**	**0.19**	0.22	0.22	0.22	0.22
Trichloroethene	µg/L	1.2	3.4	3.5	1.5	0.6	0.8	0.8
Trichlorofluoromethane	µg/L	**0.52**	**1.2**	**0.94**	**0.67**	0.23	**0.51**	**0.56**
Vinyl Chloride	µg/L	0.38	0.38	ND	2.0	0.25	0.25	0.25

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002	Feb 2003
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.5	1.1	0.9	0.9	1.0	0.6	0.8
pH	units	6.1	6.1	6.5	6.6	6.5	6.4	6.3
Specific Conductance	µmhos/cm	1000	800	1000	1000	1000	1000	930
Temperature	F°	71.8	75.2	69.8	69.8	72.3	69.8	69.8
Turbidity	NTU	6	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	48	48	48	53	48	49	49
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	9.2	10	10	11	12	12	12
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	79	82	70	72	69	65	64
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	530	590	540	600	530	540	560
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	7.4	6.3	4.1	4.8	2.5	2.9	5.6
1,1-Dichloroethene	µg/L	0.34	0.34	0.38	0.38	0.38	0.12	0.12
1,1,1-Trichloroethane	µg/L	0.38	0.38	**0.31**	0.29	0.29	**0.23**	**0.31**
1,2-Dichloroethane	µg/L	0.32	0.32	0.20	0.20	0.20	0.21	0.21
1,3-Dichlorobenzene	µg/L	0.18	0.18	0.20	0.20	0.20	0.15	0.15
1,4-Dichlorobenzene	µg/L	0.29	0.29	0.20	0.20	0.20	0.072	0.072
Benzene	µg/L	0.18	0.18	0.28	0.28	0.28	0.14	0.14
Carbon Disulfide	µg/L	0.26	0.26	NA	NA	NA	NA	NA
Chloroethane	µg/L	0.21	0.21	0.32	0.32	0.32	0.50	0.50
Chloroform	µg/L	0.28	0.28	0.36	0.36	0.36	0.17	**0.25**
Chloromethane	µg/L	0.30	1.3	0.26	0.26	0.26	0.36	0.36
cis-1,2-Dichloroethene	µg/L	0.18	0.18	0.34	0.34	0.34	0.18	0.18
Dibromochloromethane	µg/L	0.24	0.24	0.28	0.28	0.28	0.37	0.37
Dichlorodifluoromethane	µg/L	3.7	3.1	3.8	4.2	5.0	2.9	2.6
Methylene Chloride	µg/L	**0.38**	**0.56**	0.52	0.52	0.52	**0.26**	**2.3**
Tetrachloroethene	µg/L	3.3	3.2	4.3	3.5	4.0	4.2	5.0
Toluene	µg/L	0.22	0.22	0.27	0.27	0.27	0.22	0.22
Trichloroethene	µg/L	0.8	0.6	0.54	0.45	0.50	0.50	0.78
Trichlorofluoromethane	µg/L	**0.43**	**0.45**	0.54	0.54	0.54	**0.40**	**0.28**
Vinyl Chloride	µg/L	0.25	0.25	0.32	0.32	0.32	0.13	0.13

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004	Nov 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.2	0.6	0.8	7.0	2.4	3.0	0.9
pH	units	6.8	6.4	6.5	6.4	7.0	7.1	6.7
Specific Conductance	µmhos/cm	1000	770	810	830	770	790	810
Temperature	F°	71.1	73.4	71.4	69.8	71.6	73.4	71.2
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	50	44	51	49	48	48	49
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	12	10.9	10.3	10.6	11.3	11.1	10.9
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	64	61	64	63	63	63	66
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	520	547	550	550	533	507	550
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	5.3	13	9.1	6.5	3.8	3.4	2.4
1,1-Dichloroethene	µg/L	0.12	0.18	0.054	0.054	0.054	0.11	0.050
1,1,1-Trichloroethane	µg/L	0.12	**0.40**	0.072	**0.24**	**0.15**	0.16	0.081
1,2-Dichloroethane	µg/L	0.21	0.081	0.12	0.086	0.086	0.25	0.060
1,3-Dichlorobenzene	µg/L	0.15	DRY	DRY	0.11	0.11	0.11	0.087
1,4-Dichlorobenzene	µg/L	0.072	0.062	**0.12**	**0.14**	**0.12**	0.14	**0.090**
Benzene	µg/L	0.14	0.092	0.035	0.060	0.060	0.12	0.057
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloroethane	µg/L	0.86	0.18	0.11	0.29	0.29	0.17	0.14
Chloroform	µg/L	0.17	**0.27**	**0.21**	0.19	0.19	**0.19**	**0.10**
Chloromethane	µg/L	0.36	0.11	0.056	0.040	0.040	0.17	0.098
cis-1,2-Dichloroethene	µg/L	0.18	0.077	0.070	0.12	0.12	0.19	0.070
Dibromochloromethane	µg/L	0.37	0.098	0.12	0.12	0.12	0.11	0.14
Dichlorodifluoromethane	µg/L	2.7	3.5	2.5	2.0	1.8	1.8	1.6
Methylene Chloride	µg/L	**2.0**	0.057	1.2	**0.21**	0.17	0.43	0.067
Tetrachloroethene	µg/L	3.9	7.0	5.9	5.8	4.5	6.0	4.2
Toluene	µg/L	0.22	0.085	0.042	0.063	0.063	0.15	0.083
Trichloroethene	µg/L	0.71	1.4	0.98	0.81	0.57	0.70	**0.36**
Trichlorofluoromethane	µg/L	**0.28**	0.18	**0.19**	**0.17**	**0.16**	0.20	**0.19**
Vinyl Chloride	µg/L	0.13	0.19	0.092	0.057	0.057	0.16	0.11

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Feb* 2005	May 2005	Aug 2005	Nov 2005	Jan 2006	Apr 2006	Jul 2006
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.2	2.0	0.8	2.1	1.8	2.3	2.1
pH	units	6.6	6.5	6.5	6.9	6.8	6.9	6.8
Specific Conductance	µmhos/cm	900	900	790	770	820	760	600
Temperature	F°	69.8	71.6	73.4	71.6	70.7	71.8	73.4
Turbidity	NTU	<5	16	10	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	46	50	49	49	49	49	50
Cyanide, Total	mg/L	0.0063	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	11.4	12	12	13	13	13	13
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	60	63	60	61	61	62	60
Sulfide	mg/L	0.050	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	537	540	540	530	500	550	510
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	0.00025	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	**0.0014**	NA	NA	NA	NA	NA	NA
Barium	mg/L	0.05	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.00025	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.0027	NA	NA	NA	NA	NA	NA
Calcium	mg/L	59	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	**0.0007**	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.00075	NA	NA	NA	NA	NA	NA
Copper	mg/L	**0.0019**	NA	NA	NA	NA	NA	NA
Iron	mg/L	0.0028	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.000027	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	16	NA	NA	NA	NA	NA	NA
Manganese	mg/L	**0.0033**	NA	NA	NA	NA	NA	NA
Mercury	mg/L	0.00005	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	**0.0087**	NA	NA	NA	NA	NA	NA
Potassium	mg/L	2.6	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.0021	NA	NA	NA	NA	NA	NA
Silver	mg/L	0.00086	NA	NA	NA	NA	NA	NA
Sodium	mg/L	120	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.000045	NA	NA	NA	NA	NA	NA
Tin	mg/L	0.000085	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	**0.0074**	NA	NA	NA	NA	NA	NA
Zinc	mg/L	**0.0039**	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	2.0	1.4	1.9	1.5	1.3	1.4	1.2
1,1-Dichloroethene	µg/L	0.050	0.14	0.14	0.14	0.14	0.14	0.15
1,1,1-Trichloroethane	µg/L	0.094	0.16	0.16	0.16	0.16	0.16	0.15
1,2-Dichloroethane	µg/L	0.060	0.25	0.25	0.25	0.25	0.25	0.15
1,3-Dichlorobenzene	µg/L	**0.090**	0.14	0.14	0.14	0.14	0.14	0.073
1,4-Dichlorobenzene	µg/L	0.051	0.14	0.14	0.14	0.14	0.14	0.099
Benzene	µg/L	0.20	0.12	0.12	0.12	0.12	0.12	0.13
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	0.86
Chloroethane	µg/L	0.14	0.17	0.17	0.17	0.17	0.17	0.38
Chloroform	µg/L	**0.090**	0.11	0.11	**0.11**	0.11	0.11	0.071
Chloromethane	µg/L	0.098	0.17	0.17	0.17	0.17	0.17	0.14
cis-1,2-Dichloroethene	µg/L	0.070	0.19	0.19	0.19	0.19	0.19	0.20
Dibromochloromethane	µg/L	1.6	0.14	0.14	0.14	0.14	0.14	0.097
Dichlorodifluoromethane	µg/L	0.067	0.20	2.6	1.7	2.4	0.20	1.6
Methylene Chloride	µg/L	4.0	0.44	0.44	0.44	0.44	0.44	0.13
Tetrachloroethene	µg/L	4.0	3.5	4.2	3.5	3.9	3.5	3.4
Toluene	µg/L	**0.33**	0.15	0.15	0.15	0.15	0.15	0.12
Trichloroethene	µg/L	**0.21**	**0.30**	**0.29**	**0.24**	**0.27**	**0.23**	**0.22**
Trichlorofluoromethane	µg/L	0.11	**0.24**	**0.34**	**0.29**	**0.35**	**0.31**	**0.27**
Vinyl Chloride	µg/L	ND	0.16	0.16	0.16	0.16	0.16	0.16

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008	May 2008
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	11.8	6.4	0	13.0	16.1	3.8	0.29
pH	units	6.5	6.8	6.9	6.4	7.0	6.7	6.56
Specific Conductance	µmhos/cm	580	720	610	680	630	930	878
Temperature	F°	72.5	70.9	72.3	73.9	72.0	71.6	72.1
Turbidity	NTU	<5	<5	<5	<5	<5	19.5	0.2
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	54	47	48	49	49	50	49
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	13	13	14	14	14	14	14
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	60	58	59	61	61	62	60
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	530	550	560	540	580	580	550
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.91	0.80	0.74	0.58	0.57	0.52	0.51
1,1-Dichloroethene	µg/L	0.15	0.15	0.12	0.12	0.12	0.29	0.29
1,1,1-Trichloroethane	µg/L	0.27	0.27	0.27	0.27	0.27	0.27	0.27
1,2-Dichloroethane	µg/L	0.15	0.15	0.13	0.098	0.098	0.24	0.24
1,3-Dichlorobenzene	µg/L	0.073	0.073	0.14	0.14	0.14	0.35	0.35
1,4-Dichlorobenzene	µg/L	0.099	0.099	**0.11**	**0.17**	0.12	0.48	0.48
Benzene	µg/L	0.14	0.14	0.14	0.12	0.12	0.32	0.32
Carbon Disulfide	µg/L	0.44	0.44	0.24	0.24	0.24	0.40	0.40
Chloroethane	µg/L	0.12	0.12	0.094	0.12	0.12	0.36	0.36
Chloroform	µg/L	0.076	0.076	0.098	0.098	0.098	0.24	0.24
Chloromethane	µg/L	0.14	0.14	0.072	0.14	0.14	0.35	0.35
cis-1,2-Dichloroethene	µg/L	0.20	0.20	0.13	0.11	0.11	0.32	0.32
Dibromochloromethane	µg/L	0.12	0.12	0.12	0.12	0.12	0.23	0.23
Dichlorodifluoromethane	µg/L	1.4	1.6	1.4	1.4	0.11	1.5	1.8
Methylene Chloride	µg/L	0.16	0.16	0.16	0.16	0.16	0.27	0.27
Tetrachloroethene	µg/L	3.9	4.2	3.9	4.5	5.0	3.6	3.6
Toluene	µg/L	0.12	0.12	0.12	0.12	0.12	0.24	0.24
Trichloroethene	µg/L	0.18	**0.21**	**0.18**	**0.26**	**0.25**	0.19	0.19
Trichlorofluoromethane	µg/L	**0.28**	**0.28**	**0.35**	**0.33**	0.14	**0.31**	0.28
Vinyl Chloride	µg/L	0.16	0.16	0.14	0.14	0.14	0.34	0.34

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Oct 2009	Jan 2010
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.76	0.11	0.77	2.60	0.55	0.27	0.87
pH	units	6.82	6.20	6.37	6.61	6.55	6.46	6.51
Specific Conductance	µmhos/cm	938	912	978	845	853	972	963
Temperature	F°	72.8	72.2	72.1	73.7	81.9	72.3	70.3
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	51	49	49	51	51	49	55
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	15	14	14	13	14	14	15
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	61	59	62	61	61	59	69
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	580	600	560	560	560	540	520
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.51	0.61	0.69	0.59	0.79	1.1	0.93
1,1-Dichloroethene	µg/L	0.23	0.23	0.23	0.23	0.16	0.16	0.12
1,1,1-Trichloroethane	µg/L	0.18	0.18	0.18	0.18	0.14	0.14	0.081
1,2-Dichloroethane	µg/L	0.24	0.24	0.24	0.24	0.24	0.24	0.14
1,3-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.060
1,4-Dichlorobenzene	µg/L	0.16	0.16	0.16	0.16	0.16	0.16	0.083
Benzene	µg/L	0.18	0.18	0.18	0.18	0.18	0.18	0.086
Carbon Disulfide	µg/L	0.40	0.40	0.40	0.40	0.40	0.40	0.35
Chloroethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.11
Chloroform	µg/L	0.23	0.23	0.23	0.23	0.23	0.23	0.072
Chloromethane	µg/L	0.20	0.20	0.20	0.20	0.20	0.20	0.11
cis-1,2-Dichloroethene	µg/L	0.32	0.32	0.32	0.32	0.32	0.32	0.11
Dibromochloromethane	µg/L	0.23	0.23	0.23	0.23	0.23	0.23	0.077
Dichlorodifluoromethane	µg/L	1.5	1.7	1.8	1.3	1.5	1.9	1.6
Methylene Chloride	µg/L	0.27	0.27	0.27	0.27	0.28	0.28	0.28
Tetrachloroethene	µg/L	3.7	4.3	3.8	2.9	3.0	3.8	3.6
Toluene	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.093
Trichloroethene	µg/L	**0.16**	0.16	**0.17**	0.18	0.13	0.13	0.13
Trichlorofluoromethane	µg/L	**0.31**	**0.38**	**0.35**	**0.36**	**0.28**	**0.36**	**0.44**
Vinyl Chloride	µg/L	0.16	0.16	0.16	0.16	0.16	0.16	0.14

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	May 2010	Sept 2010	Nov* 2010	Jan 2011	May 2011	Aug 2011	Nov 2011
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.53	0.57	0.66	0.94	1.39	0.0	0.4
pH	units	6.42	6.41	6.22	6.08	6.25	5.93	6.49
Specific Conductance	µmhos/cm	964	904	893	950	934	949	951
Temperature	F°	70.3	75.8	70.8	72.4	72.6	74.4	70.1
Turbidity	NTU	<5	<5	0.1	<5	<5	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	49	50	50	46	49	52	50
Cyanide, Total	mg/L	NA	NA	**0.0019**	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	15	15	15	13	15	14	12
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	56	58	57	55	57	56	53
Sulfide	mg/L	NA	NA	0.050	0.050	0.050	0.050	0.050
Total Dissolved Solids (TDS)	mg/L	560	640	590	570	560	600	580
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	0.010	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	**0.0013**	NA	NA	NA	NA
Barium	mg/L	NA	NA	0.059	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	0.001	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	**0.00071**	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	0.010	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	0.0050	NA	NA	NA	NA
Copper	mg/L	NA	NA	0.0023	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	0.00016	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	**0.000018**	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	0.0070	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	0.0031	NA	NA	NA	NA
Silver	mg/L	NA	NA	0.0011	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	**0.000072**	NA	NA	NA	NA
Tin	mg/L	NA	NA	**0.021**	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	**0.0018**	NA	NA	NA	NA
Zinc	mg/L	NA	NA	0.0059	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.65	0.71	1.1	1.1	1.2	1.3	1.6
1,1-Dichloroethene	µg/L	0.12	0.18	0.18	0.18	0.18	0.18	0.18
1,1,1-Trichloroethane	µg/L	0.081	0.11	0.11	0.11	0.11	0.11	0.11
1,2-Dichloroethane	µg/L	0.14	0.17	0.17	0.17	0.17	0.17	0.17
1,3-Dichlorobenzene	µg/L	0.060	0.15	0.15	0.15	0.15	0.15	0.15
1,4-Dichlorobenzene	µg/L	0.083	0.062	0.062	0.062	0.062	0.062	0.062
Benzene	µg/L	0.086	0.083	0.083	0.083	0.083	0.083	0.083
Carbon Disulfide	µg/L	0.35	0.38	0.38	0.38	0.38	0.38	0.38
Chloroethane	µg/L	0.11	0.14	0.14	0.14	0.14	0.14	0.14
Chloroform	µg/L	0.072	0.12	0.12	0.12	0.12	0.12	0.12
Chloromethane	µg/L	0.11	0.14	0.14	0.14	0.14	0.14	0.14
cis-1,2-Dichloroethene	µg/L	0.11	0.085	0.085	0.085	0.085	0.085	0.085
Dibromochloromethane	µg/L	0.077	0.13	0.13	0.13	0.13	0.13	0.13
Dichlorodifluoromethane	µg/L	1.2	1.8	1.7	1.4	1.6	1.6	1.6
Methylene Chloride	µg/L	0.50	0.48	0.48	0.48	0.48	0.48	0.48
Tetrachloroethene	µg/L	3.4	3.1	3.3	3.2	3.2	2.7	3.5
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Trichloroethene	µg/L	0.13	**0.12**	0.085	**0.16**	**0.15**	**0.12**	**0.20**
Trichlorofluoromethane	µg/L	**0.37**	**0.36**	**0.42**	**0.35**	**0.36**	**0.40**	**0.39**
Vinyl Chloride	µg/L	0.14	0.12	0.12	0.12	0.12	0.12	0.12

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013	Aug 2013
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.8	2.92	0.00	0.00	0.99	0.95	0.98
pH	units	6.23	6.42	6.27	6.96	6.17	6.60	6.82
Specific Conductance	µmhos/cm	924	946	965	983	977	804	785
Temperature	F°	69.7	73.8	73.7	73.0	67.6	74.1	73.5
Turbidity	NTU	<5	<5	<5	<5	0.2	<5	0.0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	50	49	51	51	49	51	51
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	12	12	12	12	12	12	12
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	52	50	51	51	50	51	51
Sulfide	mg/L	0.050	0.050	0.050	0.050	0.050	NA	NA
Total Dissolved Solids (TDS)	mg/L	590	590	610	630	590	580	600
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	1.9	2.3	2.8	3.2	3.0	2.9	3.1
1,1-Dichloroethene	µg/L	0.18	0.18	0.18	0.18	0.18	0.18	0.18
1,1,1-Trichloroethane	µg/L	0.11	0.11	0.11	0.11	0.11	0.11	0.11
1,2-Dichloroethane	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	0.17
1,3-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.15	0.15	0.15	0.15
1,4-Dichlorobenzene	µg/L	0.062	0.062	0.062	0.062	0.062	0.062	0.062
Benzene	µg/L	0.083	0.083	0.083	0.083	0.083	0.083	0.083
Carbon Disulfide	µg/L	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Chloroethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Chloroform	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
cis-1,2-Dichloroethene	µg/L	0.085	0.085	0.085	0.085	0.085	0.085	0.085
Dibromochloromethane	µg/L	0.13	0.13	0.13	0.13	0.13	0.13	0.13
Dichlorodifluoromethane	µg/L	1.3	2.0	3.1	2.8	0.099	2.2	3.9
Methylene Chloride	µg/L	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Tetrachloroethene	µg/L	3.0	4.6	5.1	5.4	6.1	5.1	6.0
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Trichloroethene	µg/L	**0.16**	**0.31**	**0.25**	**0.38**	**0.33**	**0.31**	**0.33**
Trichlorofluoromethane	µg/L	**0.37**	0.63	0.73	0.84	0.70	0.64	0.76
Vinyl Chloride	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.12

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-7 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-6

ANALYTE	UNITS	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS									
Oxygen, Dissolved	mg/L	1.80	0.67	0.00	0.900	2.11	3.45	0.0	16.1
pH	units	6.47	6.98	6.28	6.60	6.73	0.593	5.9	8.72
Specific Conductance	µmhos/cm	814	801	985	892	864	128	580	1153
Temperature	F°	76.2	72.8	72.5	72.2	71.7	5.97	42.1	81.9
Turbidity	NTU	0.0	0.0	0.0	1.00	41.0	82.1	0.0	253
GENERAL CHEMISTRY									
Bicarbonate	mg/L	NA	NA	NA	158	164	46.2	106	229
Carbonate	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	50	51	48	50.0	54.8	14.5	44	128
Cyanide, Total	mg/L	NA	NA	NA	NC	NC	NC	**0.0019**	**0.0019**
Fluoride, Total	mg/L	NA	NA	NA	0.700	0.731	0.176	0.5	0.963
Nitrate (as N)	mg/L	12	13	12	12.0	11.6	2.36	6	17.0
Nitrate/Nitrite	mg/L	NA	NA	NA	9.38	9.29	1.18	7.99	10.5
Sulfate	mg/L	50	51	49	64.0	68.9	15.1	49	107
Sulfide	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	610	520	610	560	561	41.1	468	657
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	2.04	4.29	4.99	0.5	13.3
METALS									
Antimony	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	NA	0.00650	0.0151	0.0279	**0.0013**	0.003
Barium	mg/L	NA	NA	NA	0.0500	0.0480	0.0116	**0.036**	0.059
Beryllium	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NA	0.400	0.422	0.113	0.3	0.56
Cadmium	mg/L	NA	NA	NA	0.00500	0.00609	0.00538	**0.00071**	0.016
Calcium	mg/L	NA	NA	NA	43.0	43.0	11.3	30.6	59
Chromium, Total	mg/L	NA	NA	NA	0.0100	0.150	0.308	**0.0007**	0.84
Cobalt	mg/L	NA	NA	NA	NC	NC	NC	**0.00015**	**0.00015**
Copper	mg/L	NA	NA	NA	0.0110	0.0145	0.0125	**0.00090**	0.02
Iron	mg/L	NA	NA	NA	0.100	3.44	7.20	0.0028	18
Lead	mg/L	NA	NA	NA	NC	NC	NC	0.000027	**0.029**
Magnesium	mg/L	NA	NA	NA	14.0	13.2	3.54	8.59	18
Manganese	mg/L	NA	NA	NA	0.0300	0.119	0.145	**0.0033**	0.35
Mercury	mg/L	NA	NA	NA	0.000200	0.000463	0.000567	**0.000018**	0.001
Molybdenum	mg/L	NA	NA	NA	0.0300	0.0327	0.0168	0.008	0.03
Nickel	mg/L	NA	NA	NA	0.0400	0.0558	0.0670	0.0070	0.2
Potassium	mg/L	NA	NA	NA	5.00	4.14	1.26	2.6	5.6
Selenium	mg/L	NA	NA	NA	0.00500	0.0208	0.0311	0.002	**0.057**
Silver	mg/L	NA	NA	NA	0.0100	0.00709	0.00572	0.000098	0.016
Sodium	mg/L	NA	NA	NA	110	110	15.6	84.2	130
Thallium	mg/L	NA	NA	NA	NC	NC	NC	0.000045	**0.000072**
Tin	mg/L	NA	NA	NA	NC	NC	NC	0.000083	**0.021**
Vanadium	mg/L	NA	NA	NA	0.00740	0.0279	0.0306	**0.0018**	0.08
Zinc	mg/L	NA	NA	NA	0.0200	0.0235	0.0276	0.002	0.083
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS									
1,1-Dichloroethane	µg/L	3.1	2.8	3.1	2.00	6.21	13.2	0.03	67
1,1-Dichloroethene	µg/L	0.18	0.18	0.18	0.180	0.369	0.366	0.03	1.6
1,1,1-Trichloroethane	µg/L	0.11	0.11	0.11	0.270	0.872	1.31	0.072	7
1,2-Dichloroethane	µg/L	0.17	0.17	0.17	0.210	0.270	0.207	0.060	**0.35**
1,3-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.150	0.243	0.218	0.060	**0.090**
1,4-Dichlorobenzene	µg/L	0.062	0.062	0.062	0.160	0.247	0.243	0.03	**0.8**
Benzene	µg/L	0.083	0.083	0.083	NC	NC	NC	0.035	0.6
Carbon Disulfide	µg/L	0.38	0.38	0.38	NC	NC	NC	0.24	**3**
Chloroethane	µg/L	0.14	0.14	0.14	0.200	0.813	1.92	0.094	11
Chloroform	µg/L	**0.12**	0.12	0.12	NC	NC	NC	0.071	**2**
Chloromethane	µg/L	0.14	0.14	0.14	NC	NC	NC	0.040	1.3
cis-1,2-Dichloroethene	µg/L	0.085	0.085	0.085	NC	NC	NC	0.070	3.1
Dibromochloromethane	µg/L	0.13	0.13	0.13	NC	NC	NC	0.07	1.6
Dichlorodifluoromethane	µg/L	2.2	2.7	4.5	1.80	2.52	2.26	0.067	11
Methylene Chloride	µg/L	0.48	0.48	0.48	0.480	4.93	17.7	0.057	110
Tetrachloroethene	µg/L	5.8	5.4	7.3	3.55	3.47	1.91	0.03	9.0
Toluene	µg/L	0.093	0.093	0.093	NC	NC	NC	0.042	**2.0**
Trichloroethene	µg/L	**0.37**	**0.33**	**0.40**	0.345	0.584	0.657	0.03	3.5
Trichlorofluoromethane	µg/L	0.75	0.76	0.92	0.400	0.537	0.392	0.11	2.0
Vinyl Chloride	µg/L	0.12	0.12	0.12	NC	NC	NC	0.057	2.0

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-8
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-7 (ABANDONED)

ANALYTE	UNITS	Oct 1995	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.8	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	1810	NA	NA	NA	NA	NA	NA
Temperature	F°	78.8	NA	NA	NA	NA	NA	NA
Turbidity	NTU	900	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	1	NA	NA	NA	NA	NA	NA
Chloride	mg/L	303	303	284	284	315	255	273
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	63	69	61.0	59.5	72.6	59.8	63
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	123	128	134	173	189	175	177
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1250	1130	1220	1496	1402	1422	1432
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	0.002	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.0015	NA	NA	NA	NA	NA	NA
Barium	mg/L	0.19	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.0003	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.002	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.005	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.014	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.003	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.0009	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	0.002	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.012	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.004	NA	NA	NA	NA	NA	NA
Silver	mg/L	0.004	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.001	NA	NA	NA	NA	NA	NA
Tin	mg/L	0.9	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.01	NA	NA	NA	NA	NA	NA
Zinc	mg/L	0.03	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	1	0.3	**1**	2.1	2.7	4	3.2
1,1-Dichloroethene	µg/L	1	0.3	**0.6**	0.8	0.9	0.9	0.7
1,1,2-Trichloroethane	µg/L	1	**4**	5	4.9	4.5	0.3	0.3
1,2-Dichloroethane	µg/L	**1**	0.3	0.3	1.9	1.8	1.6	2.0
1,4-Dichlorobenzene	µg/L	1	0.3	0.3	0.2	**0.3**	**0.30**	**0.32**
cis-1,2-Dichloroethene	µg/L	1	0.2	0.2	0.4	0.6	0.5	0.8
Dichlorodifluoromethane	µg/L	1	0.3	0.3	0.3	0.5	0.6	0.3
Methylene Chloride	µg/L	1	1.2	1.2	0.2	0.2	**0.27**	1.2
Tetrachloroethene	µg/L	1	0.3	0.3	0.2	0.2	**0.23**	**0.22**
Toluene	µg/L	2	**1**	0.7	0.3	0.3	0.3	0.3

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-8 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-7 (ABANDONED)

ANALYTE	UNITS	Aug 1997	Feb 1998	Aug 1998	Feb 1999	Aug 1999	Feb 2000	Nov 2000
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	5.6	4.9	DRY	DRY
pH	units	NA	NA	NA	7.7	7.7	DRY	DRY
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	DRY	DRY
Temperature	F°	NA	NA	NA	68.0	82.4	DRY	DRY
Turbidity	NTU	NA	NA	NA	NA	NA	DRY	DRY
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Carbonate	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Chloride	mg/L	275	275	260	242	250	DRY	DRY
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Nitrate (as N)	mg/L	80.5	64.9	59	54.9	56	DRY	DRY
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Sulfate	mg/L	217	175	179	203	120	DRY	DRY
Sulfide	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Total Dissolved Solids (TDS)	mg/L	1498	1292	1292	1184	1130	DRY	DRY
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	DRY	DRY
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Arsenic	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Barium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Beryllium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Boron	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Cadmium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Calcium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Chromium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Cobalt	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Copper	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Iron	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Lead	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Magnesium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Manganese	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Mercury	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Molybdenum	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Nickel	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Potassium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Selenium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Silver	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Sodium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Thallium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Tin	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Vanadium	mg/L	NA	NA	NA	NA	NA	DRY	DRY
Zinc	mg/L	NA	NA	NA	NA	NA	DRY	DRY
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	3.6	2.6	3.1	4.4	4.2	DRY	DRY
1,1-Dichloroethene	µg/L	**0.48**	0.9	0.9	0.9	**0.39**	DRY	DRY
1,1,2-Trichloroethane	µg/L	0.34	3.6	0.34	0.34	1.8	DRY	DRY
1,2-Dichloroethane	µg/L	0.24	1.7	0.24	1.3	1.1	DRY	DRY
1,4-Dichlorobenzene	µg/L	0.28	**0.30**	**0.34**	**0.33**	0.24	DRY	DRY
cis-1,2-Dichloroethene	µg/L	0.6	0.7	0.9	1.6	1.4	DRY	DRY
Dichlorodifluoromethane	µg/L	**0.44**	**0.32**	0.6	0.22	0.24	DRY	DRY
Methylene Chloride	µg/L	0.21	**0.22**	0.21	**0.26**	**0.61**	DRY	DRY
Tetrachloroethene	µg/L	0.32	0.32	0.32	0.32	0.34	DRY	DRY
Toluene	µg/L	0.12	**0.2**[(4)]	0.12	0.12	**0.24**	DRY	DRY

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-8 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-7 (ABANDONED)

ANALYTE	UNITS	Feb 2001	May 2001	Aug 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
pH	units	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Specific Conductance	µmhos/cm	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Temperature	F°	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Turbidity	NTU	DRY	DRY	DRY	DRY	DRY	DRY	DRY
GENERAL CHEMISTRY								
Bicarbonate	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Carbonate	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Chloride	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Cyanide, Total	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Fluoride, Total	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Nitrate (as N)	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Nitrate/Nitrite	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sulfate	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sulfide	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Total Dissolved Solids (TDS)	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Total Organic Carbon (TOC)	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
METALS								
Antimony	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Arsenic	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Barium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Beryllium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Boron	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Cadmium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Calcium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Chromium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Cobalt	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Copper	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Iron	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Lead	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Magnesium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Manganese	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Mercury	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Molybdenum	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Nickel	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Potassium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Selenium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Silver	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sodium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Thallium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Tin	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Vanadium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Zinc	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,1-Dichloroethene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,1,2-Trichloroethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,2-Dichloroethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,4-Dichlorobenzene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
cis-1,2-Dichloroethene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Dichlorodifluoromethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Methylene Chloride	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Tetrachloroethene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Toluene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-8 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-7 (ABANDONED)

ANALYTE	UNITS	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
pH	units	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Specific Conductance	µmhos/cm	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Temperature	F°	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Turbidity	NTU	DRY	DRY	DRY	DRY	DRY	DRY	DRY
GENERAL CHEMISTRY								
Bicarbonate	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Carbonate	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Chloride	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Cyanide, Total	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Fluoride, Total	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Nitrate (as N)	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Nitrate/Nitrite	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sulfate	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sulfide	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Total Dissolved Solids (TDS)	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Total Organic Carbon (TOC)	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
METALS								
Antimony	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Arsenic	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Barium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Beryllium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Boron	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Cadmium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Calcium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Chromium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Cobalt	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Copper	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Iron	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Lead	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Magnesium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Manganese	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Mercury	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Molybdenum	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Nickel	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Potassium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Selenium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Silver	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Sodium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Thallium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Tin	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Vanadium	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Zinc	mg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,1-Dichloroethene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,1,2-Trichloroethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,2-Dichloroethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
1,4-Dichlorobenzene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
cis-1,2-Dichloroethene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Dichlorodifluoromethane	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Methylene Chloride	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Tetrachloroethene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Toluene	µg/L	DRY	DRY	DRY	DRY	DRY	DRY	DRY

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-8 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-7 (ABANDONED)

ANALYTE	UNITS	Nov 2004	Feb 2005	May 2005	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS									
Oxygen, Dissolved	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
pH	units	DRY	DRY	DRY	NC	NC	NC	NC	NC
Specific Conductance	µmhos/cm	DRY	DRY	DRY	NC	NC	NC	NC	NC
Temperature	F°	DRY	DRY	DRY	NC	NC	NC	NC	NC
Turbidity	NTU	DRY	DRY	DRY	NC	NC	NC	NC	NC
GENERAL CHEMISTRY									
Bicarbonate	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Carbonate	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Chloride	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Cyanide, Total	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Nitrate/Nitrite	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Sulfate	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Sulfide	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Total Organic Carbon (TOC)	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
METALS									
Antimony	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Arsenic	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Barium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Beryllium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Boron	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Cadmium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Calcium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Chromium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Cobalt	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Copper	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Iron	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Lead	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Magnesium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Manganese	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Mercury	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Molybdenum	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Nickel	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Potassium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Selenium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Silver	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Sodium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Thallium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Tin	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Vanadium	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Zinc	mg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS									
1,1-Dichloroethane	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
1,1-Dichloroethene	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
1,1,2-Trichloroethane	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
1,2-Dichloroethane	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
1,4-Dichlorobenzene	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Dichlorodifluoromethane	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Methylene Chloride	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Tetrachloroethene	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC
Toluene	µg/L	DRY	DRY	DRY	NC	NC	NC	NC	NC

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997	Nov 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	69	65	65	60	63	60	62.5
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	8.5	8.59	7.31	7.78	8.40	4.61	6.19
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	128	114	113	122	94	118	114
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	494	482	548	532	502	500	510
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.3	0.2	0.2	0.2	0.2	0.28	0.28
Carbon disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.23	0.23	0.23	0.23	0.23	0.23	0.23
n-Propylbenzene	µg/L	0.20	0.20	0.20	0.20	0.20	0.20	0.20
o-Xylene	µg/L	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Toluene	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.12

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999	Aug 1999
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	5.3	7.9	6.9	6.6
pH	units	NA	NA	NA	7.4	7.2	7.5	8.0
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	75.2	75.2	77.0	78.8
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	65	59	58	57	76	40	59
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	7.18	9.0	6.9	7.4	7.07	5.1	7.8
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	115	130	132	121	110	80	130
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	456	476	468	476	436	362	490
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.28	0.28	0.28	0.28	0.28	0.28	0.24
Carbon disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.23	0.23	0.23	0.23	0.23	2.4	0.48
n-Propylbenzene	µg/L	0.20	0.20	0.20	0.20	0.20	0.20	0.19
o-Xylene	µg/L	0.10	0.10	**0.12**	0.10	0.10	0.10	0.22
Toluene	µg/L	**0.48**[5]	0.12	**0.25**	0.12	0.12	0.12	**0.16**

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001	June 2001
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	6.1	6.9	NA	NA	NA	NA	4.4
pH	units	7.5	7.6	7.9	NA	NA	NA	7.1
Specific Conductance	µmhos/cm	NA	630	470	NA	NA	NA	590
Temperature	F°	77.0	73.4	69.8	NA	NA	NA	73.4
Turbidity	NTU	NA	<5	<5	NA	NA	NA	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	40	54	55	NA	NA	NA	54
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	5.6	7.5	7.7	NA	NA	NA	6.7
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	130	120	NA	NA	NA	140
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	400	480	510	NA	NA	NA	480
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.24	0.24	0.24	NA	NA	NA	0.24
Carbon disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.48	0.48	0.45	NA	NA	NA	0.30
n-Propylbenzene	µg/L	0.19	0.19	0.31	NA	NA	NA	0.21
o-Xylene	µg/L	0.22	0.22	0.14	NA	NA	NA	0.13
Toluene	µg/L	0.14	0.14	0.14	NA	NA	NA	0.22

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002	Feb 2003
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	2.9	0.1	0.7	1.4	0.5	5.4	0.8
pH	units	8.3	8.1	8.2	9.1	9.1	9.1	9.1
Specific Conductance	µmhos/cm	620	590	550	640	550	570	630
Temperature	F°	73.4	69.8	69.8	70.0	70.0	71.6	69.8
Turbidity	NTU	<5	<5	<5	<5	<5	<5	19
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	55	51	52	63	53	56	57
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.2	**0.04**	0.29	0.03	0.1	0.03	0.056
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	140	140	140	150	140	130	130
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	440	390	380	350	370	360	300
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.29	0.29	**0.46**	0.20	0.20	0.072	0.072
Carbon disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.30	0.30	0.26	0.26	0.26	0.36	0.36
n-Propylbenzene	µg/L	0.21	0.21	0.21	0.21	0.21	0.15	0.15
o-Xylene	µg/L	0.13	0.13	0.14	0.14	0.14	0.41	0.41
Toluene	µg/L	0.22	0.22	0.27	0.27	0.27	0.22	0.22

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004	Nov 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	2.8	2.0	2.5	0.3	0.4	0.1	0.5
pH	units	9.1	9.2	9.6	9.4	9.8	9.2	9.4
Specific Conductance	µmhos/cm	610	540	560	470	540	510	530
Temperature	F°	69.3	73.0	71.2	69.8	70.7	70.7	70.9
Turbidity	NTU	<5	<5	<5	<5	87	260	95
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	57	54	59	58	57	57	58
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	**0.068**	0.021	0.013	0.1	0.016	0.018	0.016
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	130	124	129	122	122	129	129
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	280	318	308	346	308	310	336
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.072	0.060	0.069	0.072	0.072	0.14	0.051
Carbon disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA
Chloromethane	µg/L	0.36	0.16	0.056	0.040	0.040	0.17	0.098
n-Propylbenzene	µg/L	0.15	0.85	0.034	0.067	0.067	0.13	0.055
o-Xylene	µg/L	0.41	0.068	0.049	0.046	0.046	0.13	0.083
Toluene	µg/L	0.22	0.033	0.042	0.063	0.063	0.15	0.083

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Feb* 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.6	0.4	1.5	3.2	1.2	1.0	1.4
pH	units	9.6	9.4	8.5	9.6	10.7	9.9	6.1
Specific Conductance	µmhos/cm	510	540	450	500	500	530	480
Temperature	F°	68.0	68.0	73.4	71.6	69.4	69.3	74.1
Turbidity	NTU	<5	<5	<5	<5	<5	801	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	57	60	60	60	59	59	61
Cyanide, Total	mg/L	0.0063	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	2.08	0.018	0.018	0.012	**0.021**	0.018	0.018
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	135	130	130	120	110	110	120
Sulfide	mg/L	0.050	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	414	330	310	240	220	280	250
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	0.00025	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.00077	NA	NA	NA	NA	NA	NA
Barium	mg/L	0.011	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.00025	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.0027	NA	NA	NA	NA	NA	NA
Calcium	mg/L	16	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.0004	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.00075	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.00041	NA	NA	NA	NA	NA	NA
Iron	mg/L	0.0028	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.0016	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	11	NA	NA	NA	NA	NA	NA
Manganese	mg/L	0.0021	NA	NA	NA	NA	NA	NA
Mercury	mg/L	0.00005	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.0011	NA	NA	NA	NA	NA	NA
Potassium	mg/L	1.8	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.0035	NA	NA	NA	NA	NA	NA
Silver	mg/L	0.00086	NA	NA	NA	NA	NA	NA
Sodium	mg/L	82	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.000045	NA	NA	NA	NA	NA	NA
Tin	mg/L	0.000085	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.00099	NA	NA	NA	NA	NA	NA
Zinc	mg/L	0.11	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.051	0.14	0.14	0.14	0.14	0.14	0.099
Carbon disulfide	µg/L	0.99	NA	NA	NA	NA	NA	0.86
Chloromethane	µg/L	0.098	0.17	0.17	0.17	0.17	0.17	0.51
n-Propylbenzene	µg/L	0.055	0.13	NA	NA	NA	NA	0.091
o-Xylene	µg/L	0.083	NA	NA	NA	NA	NA	0.11
Toluene	µg/L	0.083	0.15	0.15	0.15	0.15	0.15	0.12

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008	May 2008
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0	4.8	3.8	10.8	9.7	5.1	0.0
pH	units	10.4	10.7	11.08	10.9	10.6	9.4	10.7
Specific Conductance	µmhos/cm	320	440	270	450	500	370	408
Temperature	F°	71.1	68.0	70.9	78.3	72.5	69.8	70.0
Turbidity	NTU	636	<5	<5	<5	7.0	173.0	77.2
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	61	57	57	58	57	60	58
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.018	0.018	**0.030**	**0.059**	0.018	0.018	**0.041**
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	110	110	110	110	110	110	100
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	230	280	300	290	290	280	300
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.099	0.099	0.089	0.12	0.12	0.48	0.48
Carbon disulfide	µg/L	0.44	0.44	0.24	0.24	0.24	0.40	0.40
Chloromethane	µg/L	0.14	0.14	0.072	0.14	0.14	0.35	0.35
n-Propylbenzene	µg/L	0.091	0.091	0.11	0.11	0.11	0.29	0.29
o-Xylene	µg/L	0.096	0.096	0.096	0.12	0.12	0.27	0.27
Toluene	µg/L	0.12	0.12	0.12	0.12	0.12	0.24	0.24

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Oct 2009	Jan 2010
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.97	1.33	1.95	3.47	0.49	0.42	2.77
pH	units	10.3	10.5	10.2	10.33	9.64	10.07	10.22
Specific Conductance	µmhos/cm	480	478	545	472	545	593	589
Temperature	F°	73.8	76.6	77.0	72.3	77.7	73.9	68.4
Turbidity	NTU	<5	14.1	<5	108	16.6	<5	<5
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	63	61	60	58	62	60	62
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.018	0.018	**0.086**	0.026	0.10	0.026	0.15
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	110	110	100	120	130	120	110
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	290	290	280	340	310	290	280
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.16	0.16	0.16	0.16	0.16	0.16	0.083
Carbon disulfide	µg/L	0.40	0.40	0.40	0.40	0.40	0.40	0.35
Chloromethane	µg/L	0.20	0.20	0.20	0.20	0.20	0.20	0.11
n-Propylbenzene	µg/L	0.27	0.27	0.27	0.27	0.18	0.18	0.093
o-Xylene	µg/L	0.13	0.13	0.13	0.13	0.12	0.12	0.12
Toluene	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.093

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	May 2010	Aug 2010	Nov* 2010	Jan 2011	May 2011	Aug 2011	Nov 2011
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	5.99	0.0	3.20	0.40	1.23	0.58	0.69
pH	units	9.85	10.30	9.97	9.83	9.60	10.20	10.26
Specific Conductance	µmhos/cm	582	545	551	574	532	565	558
Temperature	F°	67.8	72.4	70.0	68.5	69.9	71.0	70.2
Turbidity	NTU	10.0	<5	45.2	13.1	8.8	<5	5.0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	59	61	61	56	58	62	60
Cyanide, Total	mg/L	NA	NA	**0.0021**	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	**0.014**	0.014	0.014	0.014	0.014	0.014	0.021
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	110	120	120	110	110	100
Sulfide	mg/L	NA	NA	0.050	0.050	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	280	290	320	310	330	310	300
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	0.010	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	0.00061	NA	NA	NA	NA
Barium	mg/L	NA	NA	**0.0063**	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	0.001	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	0.000070	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	0.0010	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	0.0050	NA	NA	NA	NA
Copper	mg/L	NA	NA	0.0023	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	0.00016	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	0.000017	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	**0.00037**	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	**0.0019**	NA	NA	NA	NA
Silver	mg/L	NA	NA	0.0011	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	0.000046	NA	NA	NA	NA
Tin	mg/L	NA	NA	**0.0082**	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	0.0010	NA	NA	NA	NA
Zinc	mg/L	NA	NA	0.12	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.083	0.062	0.062	0.062	0.062	0.062	0.062
Carbon disulfide	µg/L	0.35	0.38	0.38	0.38	0.38	0.38	0.38
Chloromethane	µg/L	0.11	0.14	0.14	0.14	0.14	0.14	0.14
n-Propylbenzene	µg/L	0.093	0.11	0.11	0.11	0.11	0.11	0.11
o-Xylene	µg/L	0.12	0.082	0.082	0.082	0.082	0.082	0.082
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013	Aug 2013
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.37	0.71	0.31	0.87	1.65	1.19	0.60
pH	units	10.02	10.00	10.02	10.09	9.98	9.92	10.99
Specific Conductance	µmhos/cm	562	553	532	549	559	516	454
Temperature	F°	67.4	70.5	75.5	72.1	67.1	71.2	73.9
Turbidity	NTU	7.5	6.8	<5	<5	4.5	2.0	3.7
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	60	59	62	62	61	62	63
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.021	0.021	0.021	0.021	0.021	0.025	0.025
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	100	97	110	110	110	100	100
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	310	280	290	280	280	280	280
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,4-Dichlorobenzene	µg/L	0.062	0.062	0.062	0.062	0.062	0.062	0.062
Carbon disulfide	µg/L	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
n-Propylbenzene	µg/L	0.11	0.11	0.11	0.11	0.11	0.11	0.11
o-Xylene	µg/L	0.082	0.082	0.082	0.082	0.082	0.082	0.082
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-9 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-8

ANALYTE	UNITS	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS									
Oxygen, Dissolved	mg/L	1.19	3.99	0.00	1.33	2.53	2.79	0.0	10.8
pH	units	10.65	10.31	9.89	9.82	9.43	1.20	6.1	11.08
Specific Conductance	µmhos/cm	490	407	560	540	519	80.9	270	640
Temperature	F°	73.7	70.8	71.6	71.0	71.8	3.05	67.1	78.8
Turbidity	NTU	19.1	2.0	8.7	14.1	120	235	2.0	801
GENERAL CHEMISTRY									
Bicarbonate	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Carbonate	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	62	63	61	59.5	59.0	5.79	40	76
Cyanide, Total	mg/L	NA	NA	NA	NC	NC	NC	**0.0021**	**0.0021**
Fluoride, Total	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	0.025	0.025	0.025	0.0260	1.98	3.27	0.012	9.0
Nitrate/Nitrite	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	110	120	120	119	117	14.3	80	150
Sulfide	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	310	280	310	310	351	89.6	220	548
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
METALS									
Antimony	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Barium	mg/L	NA	NA	NA	0.00865	0.00865	0.00271	**0.0063**	0.011
Beryllium	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Calcium	mg/L	NA	NA	NA	16.0	16.0	0.0	16	16
Chromium	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Cobalt	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Copper	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Iron	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Lead	mg/L	NA	NA	NA	NC	NC	NC	0.00016	0.0016
Magnesium	mg/L	NA	NA	NA	11.0	11.0	0.0	11	11
Manganese	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Mercury	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Nickel	mg/L	NA	NA	NA	NC	NC	NC	**0.00037**	**0.00037**
Potassium	mg/L	NA	NA	NA	1.80	1.80	0.0	1.8	1.8
Selenium	mg/L	NA	NA	NA	0.00270	0.00270	0.000924	**0.0019**	0.0035
Silver	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Sodium	mg/L	NA	NA	NA	82.0	82.0	0.0	82	82
Thallium	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NA	NA	NC	NC	NC	0.000085	**0.0082**
Vanadium	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Zinc	mg/L	NA	NA	NA	0.115	0.115	0.00577	0.11	0.12
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS									
1,4-Dichlorobenzene	µg/L	0.062	0.062	0.062	0.140	0.161	0.111	0.051	**0.46**
Carbon disulfide	µg/L	0.38	0.38	0.38	NC	NC	NC	0.24	0.99
Chloromethane	µg/L	0.14	0.14	0.14	NC	NC	NC	0.040	2.4
n-Propylbenzene	µg/L	0.11	0.11	0.11	NC	NC	NC	0.034	0.85
o-Xylene	µg/L	0.082	0.082	0.082	NC	NC	NC	0.046	**0.12**
Toluene	µg/L	0.093	0.093	0.093	NC	NC	NC	0.033	**0.25**

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-10
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-9 (ABANDONED)

ANALYTE	UNITS	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997	Nov 1997
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	239	251	263	253	260	263	250
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	67.0	59.5	86.5	58.6	71	54	61
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	152	185	186	190	203	201	184
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1120	1522	1412	1254	1468	1478	1580
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	**3**	4.4	4.9	5.9	7.3	7.4	6.1
1,1-Dichloroethene	µg/L	0.3	0.5	0.7	**0.45**	0.7	0.6	**0.49**
1,1,2-Trichloroethane	µg/L	**4**	4.3	4.5	0.3	0.3	0.34	4.7
1,2-Dichloroethane	µg/L	0.3	2.0	1.8	2.0	2.0	0.24	2.5
1,4-Dichlorobenzene	µg/L	0.3	**0.37**	**0.4**	**0.30**	0.5	**0.30**	0.5
cis-1,2-Dichloroethene	µg/L	0.2	0.6	0.7	0.6	1.1	**0.41**	0.7
Chloroform	µg/L	0.5	0.2	0.2	0.2	0.2	0.17	0.17
Dichlorodifluoromethane	µg/L	**0.6**	0.3	**0.5**	**0.35**	0.7	**0.43**	0.5
Ethylbenzene	µg/L	0.3	0.3	0.3	0.3	0.3	0.11	0.11
Methylene Chloride	µg/L	1.2	0.2	**0.2**	**0.89**	1.2	0.21	0.21
Tetrachloroethene	µg/L	0.3	0.2	0.2	0.2	**0.26**	0.32	0.32
Toluene	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Trichloroethene	µg/L	0.3	0.3	0.2	**0.24**	0.2	0.17	0.17
Trichlorofluoromethane	µg/L	0.2	0.2	0.2	0.2	0.2	0.25	0.25

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-10 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-9 (ABANDONED)

ANALYTE	UNITS	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999	Aug 1999
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	4.6	4.3	4.6	4.7
pH	units	NA	7.1	NA	7.5	7.1	7.0	7.3
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA
Temperature	F°	NA	NA	NA	68	80.6	77	82.4
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	260	253	252	241	208	250	240
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	47.2	75	63	63	36	47	54
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	184	179	195	184	148	189	180
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1302	1226	1238	1082	924	1290	1170
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	8.3	6.5	6.7	9.2	11.1	9.2	8.6
1,1-Dichloroethene	µg/L	1.0	0.69	0.9	1.0	0.8	1.5	0.8
1,1,2-Trichloroethane	µg/L	3.7	2.4	0.34	0.34	3.6	1.6	3.5
1,2-Dichloroethane	µg/L	1.9	0.95	1.6	2.0	2.0	1.8	1.7
1,4-Dichlorobenzene	µg/L	0.28	0.54	0.5	0.5	0.5	0.28	0.5
cis-1,2-Dichloroethene	µg/L	0.7	0.66	0.6	0.7	0.7	0.51	0.8
Chloroform	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	0.24
Dichlorodifluoromethane	µg/L	0.5	0.59	0.7	0.7	**0.37**	**0.46**	1.5
Ethylbenzene	µg/L	0.11	0.11	0.11	0.11	**0.13**	0.11	0.25
Methylene Chloride	µg/L	**0.34**	0.21	0.21	**0.25**	**0.22**	0.21	0.27
Tetrachloroethene	µg/L	0.32	0.32	0.32	0.32	**0.36**	0.32	0.34
Toluene	µg/L	0.5(4)	0.12	0.12	**0.14(4)**	**0.17**	0.50	**0.19**
Trichloroethene	µg/L	0.17	0.17	0.17	0.17	**0.17**	0.17	0.17
Trichlorofluoromethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.43

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-10 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-9 (ABANDONED)

ANALYTE	UNITS	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001	May 2001
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	4.2	5.0	NA	4.4	4.7	4.6	4.5
pH	units	7.7	7.4	7.6	7.5	8.0	7.9	8.0
Specific Conductance	µmhos/cm	NA	1700	1600	1600	1500	1600	1600
Temperature	F°	75.2	75.2	69.8	73.4	66.2	66.2	73.4
Turbidity	NTU	NA	0	0	0	0	0	0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	83	210	200	230	230	220	240
Cyanide, Total	mg/L	NA	NA	NA	NA	0.006	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	20	46	46	50	33	53	56
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	67	170	150	180	170	170	180
Sulfide	mg/L	NA	NA	NA	NA	0.2	NA	NA
Total Dissolved Solids (TDS)	mg/L	390	1030	1040	1130	1100	1230	1280
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	0.00012	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	0.007	NA	NA
Barium	mg/L	NA	NA	NA	NA	0.190	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	0.00042	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	0.00012	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	**0.0036**	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	**0.00026**	NA	NA
Copper	mg/L	NA	NA	NA	NA	**0.0013**	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	0.000098	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	0.00043	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	**0.0069**	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	0.010	NA	NA
Silver	mg/L	NA	NA	NA	NA	0.000098	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	0.000063	NA	NA
Tin	mg/L	NA	NA	NA	NA	0.000083	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	0.017	NA	NA
Zinc	mg/L	NA	NA	NA	NA	**0.0036**	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	4.7	4.4	7.6	10	6.3	5.7	5.6
1,1-Dichloroethene	µg/L	0.5	**0.30**	0.9	1.5	2.4	2.8	1.9
1,1,2-Trichloroethane	µg/L	2.9	3.2	4.7	7.4	9.2	13	11
1,2-Dichloroethane	µg/L	1.3	1.4	3.0	0.32	5.7	7.7	6.2
1,4-Dichlorobenzene	µg/L	**0.36**	0.24	0.9	0.6	0.5	0.5	**0.41**
cis-1,2-Dichloroethene	µg/L	0.19	**0.29**	**0.46**	0.6	0.7	0.7	0.8
Chloroform	µg/L	0.24	0.24	0.17	0.28	0.28	0.28	0.28
Dichlorodifluoromethane	µg/L	0.6	0.7	0.6	1.0	1.4	1.4	0.9
Ethylbenzene	µg/L	0.25	0.25	0.26	0.18	0.18	0.18	0.18
Methylene Chloride	µg/L	0.27	0.27	0.24	0.27	0.27	**0.34**	0.27
Tetrachloroethene	µg/L	0.34	0.34	0.49	**0.36**	0.6	**0.49**	0.6
Toluene	µg/L	0.14	0.14	0.14	0.22	0.22	0.22	0.22
Trichloroethene	µg/L	0.17	0.17	0.12	0.27	0.27	0.27	0.27
Trichlorofluoromethane	µg/L	0.43	0.43	**0.17**	0.23	0.23	**0.26**	0.23

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-10 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-9 (ABANDONED)

ANALYTE	UNITS	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002	Feb 2003
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	7.5	4.3	5.5	5.9	6.1	9.3	NA
pH	units	7.1	7.1	7.7	7.3	7.6	7.8	NA
Specific Conductance	µmhos/cm	1700	1700	1800	1900	1900	1900	NA
Temperature	F°	71.6	73.4	67.8	68.0	73.2	63.0	NA
Turbidity	NTU	0	0	0	0	0	0	NA
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	240	240	240	250	240	240	NA
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	58	55	54	54	50	51	NA
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	180	180	170	180	180	160	NA
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	1220	1200	1100	1200	1200	1200	NA
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	5.3	8.2	8.3	9.9	8.2	8.7	NA
1,1-Dichloroethene	µg/L	1.7	1.9	0.66	0.74	0.38	0.56	NA
1,1,2-Trichloroethane	µg/L	12	7.8	3.8	3.8	3.7	3.5	NA
1,2-Dichloroethane	µg/L	5.8	4.1	2.4	1.8	1.5	1.4	NA
1,4-Dichlorobenzene	µg/L	**0.32**	**0.42**	**0.30**	**0.39**	0.20	0.072	NA
cis-1,2-Dichloroethene	µg/L	0.8	0.8	1.1	1.2	1.5	1.2	NA
Chloroform	µg/L	0.28	0.28	0.36	0.36	0.36	0.17	NA
Dichlorodifluoromethane	µg/L	1.2	0.9	**0.94**	**0.85**	1.1	**0.29**	NA
Ethylbenzene	µg/L	0.18	0.18	0.18	0.18	0.18	0.26	NA
Methylene Chloride	µg/L	**0.38**	**0.32**	0.52	0.52	**0.54**	**0.20**	NA
Tetrachloroethene	µg/L	**0.28**	**0.28**	**0.23**	**0.21**	0.21	0.17	NA
Toluene	µg/L	0.22	0.22	0.27	0.27	0.27	0.22	NA
Trichloroethene	µg/L	0.27	0.27	0.25	0.25	0.25	0.50	NA
Trichlorofluoromethane	µg/L	0.23	0.23	0.54	0.54	0.54	0.16	NA

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-10 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-9 (ABANDONED)

ANALYTE	UNITS	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004	Nov 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	6.4	7.3	8.4	5.8	5.3	6.2
pH	units	NA	7.3	7.5	7.5	7.3	7.3	7.4
Specific Conductance	µmhos/cm	NA	1600	2000	1800	1500	1400	1600
Temperature	F°	NA	73.4	69.3	68.0	68.0	75.2	69.8
Turbidity	NTU	NA	10	0	0	0	0	0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	261	262	258	255	251	252
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	NA	52.7	53.8	52.1	50.8	50.0	48.8
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NA	156	150	156	158	163	160
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	NA	1240	1140	1200	1140	1250	1150
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	NA	12	9.5	11	12	12	12
1,1-Dichloroethene	µg/L	NA	0.88	0.50	**0.48**	**0.44**	0.51	**0.40**
1,1,2-Trichloroethane	µg/L	NA	3.4	3.1	2.8	2.4	2.3	1.7
1,2-Dichloroethane	µg/L	NA	1.9	1.8	1.6	1.4	1.1	0.87
1,4-Dichlorobenzene	µg/L	NA	0.54	**0.38**	0.61	**0.48**	**0.34**	0.52
cis-1,2-Dichloroethene	µg/L	NA	1.9	1.2	1.9	2.0	2.3	1.9
Chloroform	µg/L	NA	0.049	0.048	0.19	0.19	0.11	**0.080**
Dichlorodifluoromethane	µg/L	NA	0.20	**0.13**	**0.12**	**0.11**	0.20	**0.15**
Ethylbenzene	µg/L	NA	0.11	0.030	0.051	0.051	0.12	0.077
Methylene Chloride	µg/L	NA	0.057	0.12	0.17	0.17	0.43	0.067
Tetrachloroethene	µg/L	NA	**0.38**	**0.20**	**0.23**	**0.18**	**0.23**	**0.20**
Toluene	µg/L	NA	0.085	0.042	0.063	0.063	0.15	0.083
Trichloroethene	µg/L	NA	0.15	0.092	**0.10**	**0.10**	0.18	**0.12**
Trichlorofluoromethane	µg/L	NA	0.18	0.050	0.060	0.060	0.20	0.060

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-10 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-9 (ABANDONED)

ANALYTE	UNITS	Feb 2005	May 2005	Aug 2005	Nov 2005	Jan 2006	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS											
Oxygen, Dissolved	mg/L	7.8	7.5	7.9	7.7	7.6	7.7	7.7	0.16	7.5	7.9
pH	units	7.6	7.6	6.4	7.9	7.8	7.6	7.46	0.61	6.4	7.9
Specific Conductance	µmhos/cm	1800	1800	1600	1800	1900	1800	1780.0	109.54	1600	1900
Temperature	F°	68.0	69.8	75.2	69.8	68.5	69.8	70.27	2.87	68.00	75.2
Turbidity	NTU	0	8	16	0	0	0	4.80	7.2	0	16
GENERAL CHEMISTRY											
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Carbonate	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	252	250	250	250	240	250	248.40	4.77	240	252
Cyanide, Total	mg/L	0.0063	NA	NA	NA	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	50.2	51	50	49	49	50.0	49.84	0.9	49	51.0
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	160	160	150	160	160	160	158.00	4.5	150	160
Sulfide	mg/L	0.050	NA	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	1130	1000	1200	1100	1300	1130	1146.00	112.16	1000	1300
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
METALS											
Antimony	mg/L	0.00025	NA	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	0.0048	NA	NA	NA	NA	NC	NC	NC	NC	NC
Barium	mg/L	0.2	NA	NA	NA	NA	NC	NC	NC	NC	NC
Beryllium	mg/L	0.00025	NA	NA	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	0.00027	NA	NA	NA	NA	NC	NC	NC	NC	NC
Calcium	mg/L	120	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chromium, Total	mg/L	**0.0023**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cobalt	mg/L	0.00075	NA	NA	NA	NA	NC	NC	NC	NC	NC
Copper	mg/L	**0.0021**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Iron	mg/L	0.0028	NA	NA	NA	NA	NC	NC	NC	NC	NC
Lead	mg/L	**0.00013**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Magnesium	mg/L	59	NA	NA	NA	NA	NC	NC	NC	NC	NC
Manganese	mg/L	0.0021	NA	NA	NA	NA	NC	NC	NC	NC	NC
Mercury	mg/L	**0.000058**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nickel	mg/L	**0.0025**	NA	NA	NA	NA	NC	NC	NC	NC	NC
Potassium	mg/L	6.1	NA	NA	NA	NA	NC	NC	NC	NC	NC
Selenium	mg/L	0.012	NA	NA	NA	NA	NC	NC	NC	NC	NC
Silver	mg/L	0.00086	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sodium	mg/L	140	NA	NA	NA	NA	NC	NC	NC	NC	NC
Thallium	mg/L	0.000045	NA	NA	NA	NA	NC	NC	NC	NC	NC
Tin	mg/L	0.000085	NA	NA	NA	NA	NC	NC	NC	NC	NC
Vanadium	mg/L	0.032	NA	NA	NA	NA	NC	NC	NC	NC	NC
Zinc	mg/L	**0.0051**	NA	NA	NA	NA	NC	NC	NC	NC	NC
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS											
1,1-Dichloroethane	µg/L	12	11	13	12	12	12.0	12.00	0.71	11.0	13
1,1-Dichloroethene	µg/L	**0.35**	**0.35**	**0.39**	**0.34**	**0.36**	0.35	0.36	0.02	0.34	0.4
1,1,2-Trichloroethane	µg/L	1.6	1.2	1.1	1.2	1.3	1.2	1.28	0.2	1.1	1.6
1,2-Dichloroethane	µg/L	0.80	0.73	0.71	0.73	0.73	0.7	0.7	0.03	0.71	0.8
1,4-Dichlorobenzene	µg/L	0.63	**0.35**	**0.14**	**0.47**	**0.27**	0.35	0.37	0.19	0.14	0.63
cis-1,2-Dichloroethene	µg/L	2.1	1.9	2.4	2.2	2.5	2.20	2.22	0.24	1.9	2.5
Chloroform	µg/L	0.050	0.11	0.11	0.11	0.11	NC	NC	NC	NC	NC
Dichlorodifluoromethane	µg/L	0.11	0.20	0.20	0.20	0.20	NC	NC	NC	NC	NC
Ethylbenzene	µg/L	0.077	0.13	0.13	0.13	0.13	NC	NC	NC	NC	NC
Methylene Chloride	µg/L	**0.090**	0.44	0.44	0.44	0.44	NC	NC	NC	NC	NC
Tetrachloroethene	µg/L	**0.23**	0.15	**0.15**	**0.18**	**0.17**	0.18	0.18	0.03	0.15	0.23
Toluene	µg/L	0.083	0.15	0.15	0.15	0.15	NC	NC	NC	NC	NC
Trichloroethene	µg/L	**0.15**	0.18	0.18	0.18	0.18	NC	NC	NC	NC	NC
Trichlorofluoromethane	µg/L	0.060	0.20	0.20	0.20	0.20	NC	NC	NC	NC	NC

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-11
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-10

ANALYTE	UNITS	Jan 2001	May 2001	Apr 2006	Jul 2006	Nov 2006	Jan 2007	May 2007
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	8.3	7.0	5.6	7.1	6.9	7.0
Specific Conductance	µmhos/cm	NA	530	920	770	570	590	500
Temperature	F°	NA	71.6	70.2	73.4	70.5	65.3	71.4
Turbidity	NTU	NA	<5	<5	<5	83	104	75.1
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	83	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	100	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	2	NA	NA	NA	NA	NA	NA
Chloride	mg/L	43	46	51	52	53	48	49
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	2	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	2.6	2.9	3.5	3.4	3.3	3.2	3.2
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	260	260	260	250	250	240	240
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	590	590	570	570	600	580	620
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	52	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	11	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	2	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	120	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
Chloromethane	µg/L	0.14	0.14	0.14	0.52	0.14	0.14	0.072

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-11 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-10

ANALYTE	UNITS	Aug 2007	Nov 2007	Feb 2008	May 2008	Aug 2008	Oct 2008	Jan 2009
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.0	8.0	8.1	7.6	7.23	6.2	6.2
Specific Conductance	µmhos/cm	490	830	630	680	900	803	894
Temperature	F°	72.3	72.5	70.9	72.7	73.9	70.3	69.6
Turbidity	NTU	25.1	27.7	73.2	54.4	21.5	21.3	35.6
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	51	50	49	49	53	52	52
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	3.3	3.3	3.2	3.3	3.4	3.3	3.4
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	240	240	250	240	250	240	250
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	600	620	570	600	610	590	620
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
Chloromethane	µg/L	0.14	0.14	0.35	0.35	0.20	0.20	0.20

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-11 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-10

ANALYTE	UNITS	May 2009	Aug 2009	Oct 2009	Jan 2010	May 2010	Aug 2010	Nov* 2010
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	6.00	ND	ND	ND	4.21	4.51	4.81
pH	units	7.7	7.63	7.69	7.62	7.82	7.40	7.72
Specific Conductance	µmhos/cm	832	917	932	972	925	898	930
Temperature	F°	78.4	72.5	74.3	67.6	69.9	73.4	68.9
Turbidity	NTU	15.9	<5	24.0	8.8	<5	6.4	6.3
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	54	52	54	55	53	54	54
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	0.0016
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	3.1	3.3	3.8	3.8	3.6	3.8	3.7
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	240	250	250	260	240	240	250
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	0.050
Total Dissolved Solids (TDS)	mg/L	600	630	580	590	590	570	620
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	0.010
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	0.014
Barium	mg/L	NA	NA	NA	NA	NA	NA	0.028
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	**0.0010**
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	0.000070
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	0.0010
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	0.0050
Copper	mg/L	NA	NA	NA	NA	NA	NA	0.0023
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	0.00016
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	0.000017
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	**0.00098**
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	**0.0018**
Silver	mg/L	NA	NA	NA	NA	NA	NA	**0.0031**
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	0.000046
Tin	mg/L	NA	NA	NA	NA	NA	NA	**0.021**
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	0.013
Zinc	mg/L	NA	NA	NA	NA	NA	NA	0.0059
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
Chloromethane	µg/L	**0.25**	0.20	0.20	0.11	0.11	0.14	0.14

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-11 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-10

ANALYTE	UNITS	Jan 2011	May 2011	Aug 2011	Nov 2011	Jan 2012	May 2012	Aug 2012
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	4.12	5.74	4.43	4.34	4.33	5.80	5.75
pH	units	7.76	7.30	7.49	7.62	7.29	7.44	7.86
Specific Conductance	µmhos/cm	911	872	930	922	926	872	898
Temperature	F°	71.1	66.5	71.6	68.6	67.2	75.0	71.9
Turbidity	NTU	<5	13.4	<5	<5	<5	7.3	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	49	52	54	53	54	53	55
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	3.4	3.6	3.7	3.6	3.6	3.6	3.7
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	240	250	250	240	240	240	240
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	590	570	610	600	600	580	600
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-11 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-10

ANALYTE	UNITS	Nov 2012	Jan 2013	May 2013	Aug 2013	Oct 2013	Jan 2014
FIELD PARAMETERS							
Oxygen, Dissolved	mg/L	4.53	7.09	5.41	3.14	5.00	4.64
pH	units	7.48	7.39	7.37	7.60	7.57	7.61
Specific Conductance	µmhos/cm	896	909	865	786	937	749
Temperature	F°	71.3	70.0	70.7	71.5	68.8	70.0
Turbidity	NTU	<5	8.7	1.8	2.9	1.8	0.0
GENERAL CHEMISTRY							
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA
Chloride	mg/L	55	58	55	54	54	52
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	3.4	3.7	3.5	3.4	3.6	3.2
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	240	260	250	240	240	250
Sulfide	mg/L	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	630	600	570	610	600	600
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA
METALS							
Antimony	mg/L	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS							
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-11 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-10

ANALYTE	UNITS	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS							
Oxygen, Dissolved	mg/L	4.34	4.59	4.92	1.08	3.14	7.09
pH	units	7.25	7.49	7.35	0.627	5.6	8.3
Specific Conductance	µmhos/cm	891	894	824	142	490	972
Temperature	F°	70.9	71.0	71.1	2.93	65.3	78.4
Turbidity	NTU	0.0	15.9	28.9	33.2	0.0	104
GENERAL CHEMISTRY							
Alkalinity, Total	mg/L	NA	83.0	83.0	0.0	83	83
Bicarbonate	mg/L	NA	100	100	0.0	100	100
Carbonate	mg/L	NA	NC	NC	NC	NC	NC
Chloride	mg/L	50	53.0	51.4	6.08	20	58
Cyanide, Total	mg/L	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	NA	NC	NC	NC	NC	NC
Hydroxide	mg/L	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	3.1	3.40	3.40	0.298	2.6	3.8
Nitrate/Nitrite	mg/L	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	240	240	246	7.53	240	260
Sulfide	mg/L	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	590	600	596	18.5	570	630
Total Organic Carbon (TOC)	mg/L	NA	NC	NC	NC	NC	NC
METALS							
Antimony	mg/L	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	0.0140	0.0140	0.0	0.014	0.014
Barium	mg/L	NA	0.0280	0.0280	0.0	0.028	0.028
Beryllium	mg/L	NA	NC	NC	NC	**0.0010**	**0.0010**
Boron	mg/L	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	NA	NC	NC	NC	NC	NC
Calcium	mg/L	NA	52.0	52.0	0.0	52	52
Chromium, Total	mg/L	NA	NC	NC	NC	NC	NC
Cobalt	mg/L	NA	NC	NC	NC	NC	NC
Copper	mg/L	NA	NC	NC	NC	NC	NC
Iron	mg/L	NA	NC	NC	NC	NC	NC
Lead	mg/L	NA	NC	NC	NC	NC	NC
Magnesium	mg/L	NA	11.0	11.0	0.0	11	11
Manganese	mg/L	NA	NC	NC	NC	NC	NC
Mercury	mg/L	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NC	NC	NC	NC	NC
Nickel	mg/L	NA	NC	NC	NC	**0.00098**	**0.00098**
Potassium	mg/L	NA	2.00	2.00	0.0	2	2
Selenium	mg/L	NA	NC	NC	NC	**0.0018**	**0.0018**
Silver	mg/L	NA	NC	NC	NC	**0.0031**	**0.0031**
Sodium	mg/L	NA	120	120	0.0	120	120
Thallium	mg/L	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NC	NC	NC	**0.021**	**0.021**
Vanadium	mg/L	NA	0.0130	0.0130	0.0	0.013	0.013
Zinc	mg/L	NA	NC	NC	NC	NC	NC
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS							
Chloromethane	µg/L	0.14	NC	NC	NC	0.072	0.52

TABLE 5-12
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	Jan 2001	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	1.1	1.2
pH	units	NA	8.5	7.5	7.3	7.7	7.7	7.6
Specific Conductance	µmhos/cm	NA	580	890	830	850	1100	1000
Temperature	F°	NA	71.6	73.4	69.8	77.5	75.9	78.3
Turbidity	NTU	NA	1	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	110	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	130	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	2	NA	NA	NA	NA	NA	NA
Chloride	mg/L	33	36	36	34	34	36	33
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	2	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.7	**0.08**	0.3	**0.04**	**0.060**	**0.05**	0.1
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	260	300	290	280	260	260	260
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	630	620	620	630	590	560	660
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	39	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	7	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	2	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	160	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,2-Dichloroethane	µg/L	**0.8**	0.9	1	1.3	1.2	0.90	0.64
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Toluene	µg/L	0.22	0.22	0.22	0.22	0.27	0.27	0.27

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-12 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	Nov 2002	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	3.4	3.6	2.7	2.1	2.5	3.3	1.9
pH	units	7.7	7.6	7.3	7.2	7.3	7.1	7.5
Specific Conductance	µmhos/cm	860	1100	1100	850	1000	1000	1000
Temperature	F°	78.1	77.0	80.1	77.7	78.1	71.6	81.3
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	35	35	37	34	38	37	37
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.03	0.056	**0.068**	**0.078**	**0.056**	**0.033**	**0.069**
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	250	250	260	245	249	249	252
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	600	570	560	583	577	597	577
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,2-Dichloroethane	µg/L	0.98	0.60	**0.41**	0.19	**0.16**	0.086	0.086
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Toluene	µg/L	0.22	0.22	0.22	0.085	0.042	0.063	0.063

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-12 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	Jul 2004	Nov 2004	Feb* 2005	May 2005	Aug 2005	Nov 2005	Feb 2006
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.8	NA	NA	NA	NA	3.0	2.6
pH	units	7.3	7.0	7.6	7.5	7.5	8.0	8.0
Specific Conductance	µmhos/cm	1000	900	840	810	820	1000	1000
Temperature	F°	77.0	64.0	68.0	71.6	71.6	71.6	70.0
Turbidity	NTU	<5	11	30	40	27	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	36	36	36	38	38	37	38
Cyanide, Total	mg/L	NA	NA	0.0063	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	**0.095**	0.016	0.016	**0.044**	**0.042**	**0.026**	0.012
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	249	245	247	250	240	240	240
Sulfide	mg/L	NA	NA	0.050	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	577	583	593	590	580	460	560
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	0.00025	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	0.0025	NA	NA	NA	NA
Barium	mg/L	NA	NA	0.029	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	0.00025	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	0.0027	NA	NA	NA	NA
Calcium	mg/L	NA	NA	57	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	0.0004	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	0.00075	NA	NA	NA	NA
Copper	mg/L	NA	NA	0.00041	NA	NA	NA	NA
Iron	mg/L	NA	NA	0.0028	NA	NA	NA	NA
Lead	mg/L	NA	NA	**0.000038**	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	8.4	NA	NA	NA	NA
Manganese	mg/L	NA	NA	0.0021	NA	NA	NA	NA
Mercury	mg/L	NA	NA	**0.000085**	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	0.0011	NA	NA	NA	NA
Potassium	mg/L	NA	NA	2.2	NA	NA	NA	NA
Selenium	mg/L	NA	NA	0.00034	NA	NA	NA	NA
Silver	mg/L	NA	NA	0.00086	NA	NA	NA	NA
Sodium	mg/L	NA	NA	120	NA	NA	NA	NA
Thallium	mg/L	NA	NA	0.000045	NA	NA	NA	NA
Tin	mg/L	NA	NA	0.000085	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	0.00099	NA	NA	NA	NA
Zinc	mg/L	NA	NA	**0.0038**	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,2-Dichloroethane	µg/L	0.25	0.13	**0.090**	0.25	0.25	0.25	0.25
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	**0.40**	NA	NA	NA	NA
Toluene	µg/L	**0.18**	0.12	0.083	0.15	0.15	0.15	0.15

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-12 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	Apr 2006	Jul 2006	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	2.3	9.7	2.6	5.8	NA	6.5	9.7
pH	units	8.0	7.7	7.1	7.8	NA	5.9	8.3
Specific Conductance	µmhos/cm	760	620	560	700	NA	1000	620
Temperature	F°	70.5	74.5	70.3	69.4	NA	73.6	68.4
Turbidity	NTU	<5	<5	<5	<5	NA	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	37	38	42	36	NA	39	38
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.018	0.018	0.018	0.018	NA	0.018	**0.018**
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	250	240	240	230	NA	230	230
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	570	550	560	580	NA	600	620
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,2-Dichloroethane	µg/L	0.15	0.15	0.15	0.15	NA	0.1	0.098
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Toluene	µg/L	0.15	0.12	0.12	0.12	NA	0.12	0.12

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-12 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	Feb 2008	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	4.4	4.26	1.57	0.86	4.60	1.61	2.74
pH	units	7.4	7.53	7.77	7.33	7.3	7.2	7.40
Specific Conductance	µmhos/cm	860	861	907	903	902	870	861
Temperature	F°	70.3	71.9	71.9	71.2	71.4	75.2	79.7
Turbidity	NTU	6.2	3.50	22.4	4.0	<5	0.5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	39	38	40	40	40	41	41
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.018	**0.025**	0.018	0.018	0.018	**0.040**	0.026
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	230	230	240	230	240	240	250
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	600	620	580	590	590	590	620
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,2-Dichloroethane	µg/L	0.24	0.24	0.24	0.24	0.24	0.24	0.24
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Toluene	µg/L	0.24	0.24	0.12	0.12	0.12	0.12	0.12

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-12 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	Oct 2009	Jan 2010	May 2010	Aug 2010	Nov* 2010	Jan 2011	May 2011
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	0.89	0.98	4.16	0.55	5.60	8.95	5.54
pH	units	7.37	7.39	7.47	7.43	7.54	6.92	7.13
Specific Conductance	µmhos/cm	952	963	816	932	931	945	928
Temperature	F°	71.3	69.6	72.2	74.6	69.2	71.5	71.4
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	39	41	40	40	40	37	39
Cyanide, Total	mg/L	NA	NA	NA	NA	**0.0016**	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	0.18	0.026	0.014	0.014	0.014	0.014	**0.020**
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	240	250	240	240	240	230	240
Sulfide	mg/L	NA	NA	NA	NA	0.050	NA	NA
Total Dissolved Solids (TDS)	mg/L	580	560	570	580	630	600	580
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	0.010	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	**0.0019**	NA	NA
Barium	mg/L	NA	NA	NA	NA	0.027	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	0.0010	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	0.000070	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	0.0010	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	0.0050	NA	NA
Copper	mg/L	NA	NA	NA	NA	0.0023	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	0.00016	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	0.000017	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	**0.0011**	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	0.00023	NA	NA
Silver	mg/L	NA	NA	NA	NA	0.0011	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	0.000046	NA	NA
Tin	mg/L	NA	NA	NA	NA	**0.021**	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	0.0010	NA	NA
Zinc	mg/L	NA	NA	NA	NA	0.0059	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,2-Dichloroethane	µg/L	0.24	0.14	0.14	0.17	0.17	0.17	0.17
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	3.0	NA	NA
Toluene	µg/L	0.12	0.093	0.093	0.093	0.093	0.093	0.093

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-12 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	Aug 2011	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	1.35	1.39	2.02	2.39	1.16	2.11	3.32
pH	units	7.29	7.37	7.65	7.33	6.99	7.26	7.14
Specific Conductance	µmhos/cm	912	885	881	883	907	870	885
Temperature	F°	73.6	71.4	70.2	73.4	71.6	73.3	68.6
Turbidity	NTU	<5	<5	<5	3.8	<5	<5	2.4
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	40	40	41	40	41	42	44
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	**0.034**	0.021	0.021	**0.053**	0.021	0.021	**0.024**
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	240	230	230	230	240	240	250
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	610	610	610	610	590	630	600
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS								
1,2-Dichloroethane	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	0.17
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NA	NA
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-12 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-11

ANALYTE	UNITS	May 2013	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS											
Oxygen, Dissolved	mg/L	2.00	0.22	1.80	5.74	0.69	2.45	3.19	2.52	0.22	9.7
pH	units	7.12	7.90	7.22	7.50	7.22	7.40	7.43	0.458	5.9	8.5
Specific Conductance	µmhos/cm	874	742	796	756	906	885	875	129	560	1100
Temperature	F°	71.5	72.1	72.2	70.5	70.4	71.6	72.7	3.79	64.0	81.3
Turbidity	NTU	2.3	0.4	1.1	1.1	0.2	3.50	10.4	14.0	0.1	40
GENERAL CHEMISTRY											
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	110	110	0.0	110	110
Bicarbonate	mg/L	NA	NA	NA	NA	NA	130	130	0.0	130	130
Carbonate	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	42	42	42	42	41	38.0	38.4	2.81	33	44
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.0016**	**0.0016**
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Hydroxide	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	0.025	0.025	**0.080**	**0.040**	0.025	NC	NC	NC	0.012	0.70
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	240	230	230	240	230	240	245	16.3	230	300
Sulfide	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	600	600	620	490	580	590	588	37.6	460	660
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
METALS											
Antimony	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	NA	NA	NA	0.00220	0.00220	0.000346	**0.0019**	0.0025
Barium	mg/L	NA	NA	NA	NA	NA	0.0280	0.0280	0.00115	0.027	0.029
Beryllium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Calcium	mg/L	NA	NA	NA	NA	NA	48.0	48.0	10.4	39	57
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cobalt	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Copper	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Iron	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Lead	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.000038**	**0.000038**
Magnesium	mg/L	NA	NA	NA	NA	NA	7.70	7.70	0.808	7	8.4
Manganese	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Mercury	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.000017	**0.000085**
Molybdenum	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nickel	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.0011**	**0.0011**
Potassium	mg/L	NA	NA	NA	NA	NA	2.10	2.10	0.115	2	2.2
Selenium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Silver	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sodium	mg/L	NA	NA	NA	NA	NA	140	140	23.1	120	160
Thallium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	0.000085	**0.021**
Vanadium	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Zinc	mg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.0038**	**0.0038**
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS											
1,2-Dichloroethane	µg/L	0.17	0.17	0.17	0.17	0.17	0.170	0.324	0.325	0.086	1.3
bis(2-Ethylhexyl)phthalate	µg/L	NA	NA	NA	NA	NA	NC	NC	NC	**0.40**	**0.40**
Toluene	µg/L	0.093	0.093	0.093	0.093	0.093	NC	NC	NC	0.042	**0.18**

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Jan 2001	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	6.9	7.1	7.3
pH	units	NA	8.6	7.4	7.4	7.9	7.9	7.8
Specific Conductance	µmhos/cm	NA	550	860	800	750	840	730
Temperature	F°	NA	75.2	71.6	69.8	73.9	74.5	75.6
Turbidity	NTU	NA	>100	75	12	<5	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	140	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	170	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	2	NA	NA	NA	NA	NA	NA
Chloride	mg/L	89	83	92	75	65	71	61
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	2	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	7	7.1	6.9	6.4	6.3	5.7	6.2
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	150	160	160	160	140	150	150
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	660	830	620	610	520	500	520
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	48	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	16	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	4	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	110	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS: ND								
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.22	0.22	0.22	0.22	0.36	0.36	0.36
Tetrachloroethene	µg/L	0.086	0.086	0.086	0.086	0.21	0.21	0.21

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Nov 2002	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	7.8	7.7	8.3	7.7	6.9	NA	NA
pH	units	7.8	7.7	7.5	7.5	7.7	7.9	7.8
Specific Conductance	µmhos/cm	760	790	830	750	770	750	770
Temperature	F°	75.7	75.4	74.8	75.9	77.5	68.0	71.1
Turbidity	NTU	<5	<5	<5	<5	<5	80	350
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	56	54	52	49	50	51	54
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.2	6.2	6.2	6.45	6.43	6.49	6.45
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	140	140	150	139	144	144	148
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	520	490	480	507	507	497	513
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS: ND								
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.18	0.18	0.18	0.20	0.20	0.20	0.20
Tetrachloroethene	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	0.17

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Jul 2004	Nov 2004	Feb* 2005	May 2005	Aug 2005	Nov 2005	Jan 2006
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	2.3	7.0	6.7	5.7	6.2	6.7	6.5
pH	units	7.6	7.8	7.7	7.6	6.5	8.1	7.9
Specific Conductance	µmhos/cm	760	730	760	740	610	710	720
Temperature	F°	73.4	69.3	69.8	71.6	71.6	69.8	68.7
Turbidity	NTU	<5	<5	4	<5	<5	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	53	51	47	53	54	54	53
Cyanide, Total	mg/L	NA	NA	0.0063	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.42	6.38	6.43	6.6	6.7	6.6	6.6
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	147	145	143	140	140	140	150
Sulfide	mg/L	NA	NA	0.050	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	490	503	492	450	500	480	450
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	0.00025	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	0.0075	NA	NA	NA	NA
Barium	mg/L	NA	NA	**0.008**	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	0.00025	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	0.0027	NA	NA	NA	NA
Calcium	mg/L	NA	NA	53	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	**0.0026**	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	0.00075	NA	NA	NA	NA
Copper	mg/L	NA	NA	**0.0015**	NA	NA	NA	NA
Iron	mg/L	NA	NA	0.0028	NA	NA	NA	NA
Lead	mg/L	NA	NA	0.000027	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	14	NA	NA	NA	NA
Manganese	mg/L	NA	NA	0.0021	NA	NA	NA	NA
Mercury	mg/L	NA	NA	0.00005	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	0.00011	NA	NA	NA	NA
Potassium	mg/L	NA	NA	2.5	NA	NA	NA	NA
Selenium	mg/L	NA	NA	**0.0014**	NA	NA	NA	NA
Silver	mg/L	NA	NA	0.00086	NA	NA	NA	NA
Sodium	mg/L	NA	NA	94	NA	NA	NA	NA
Thallium	mg/L	NA	NA	0.000045	NA	NA	NA	NA
Tin	mg/L	NA	NA	0.000085	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	**0.0087**	NA	NA	NA	NA
Zinc	mg/L	NA	NA	**0.0069**	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS: ND								
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.11	0.11	0.11	0.20	0.20	0.20	0.20
Tetrachloroethene	µg/L	0.17	0.17	0.17	0.15	0.15	0.15	0.15

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Apr 2006	Jul 2006	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	6.8	8.9	8.2	8.8	7.3	8.3	19.9
pH	units	8.1	8.1	8.2	8.0	8.5	7.9	8.5
Specific Conductance	µmhos/cm	680	600	500	620	510	570	510
Temperature	F°	70.3	73.2	70.7	69.1	71.8	72.5	70.3
Turbidity	NTU	<5	NA	<5	<5	<5	<5	6.8
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	53	54	51	47	46	47	45
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.9	6.6	6.3	6.2	6.2	6.3	6.0
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	150	150	150	140	140	140	140
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	440	470	490	480	430	470	520
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS: ND								
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.072	0.14	0.14
Dichlorodifluoromethane	µg/L	0.20	0.20	0.20	0.17	0.17	0.17	0.17
Tetrachloroethene	µg/L	0.15	0.15	0.15	0.11	0.11	0.11	0.11

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Feb 2008	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Oct 2009
FIELD PARAMETERS									
Oxygen, Dissolved	mg/L	7.6	5.69	5.18	3.49	4.97	5.16	6.68	5.15
pH	units	7.5	7.81	7.72	7.57	7.85	7.80	7.59	7.60
Specific Conductance	µmhos/cm	730	741	756	754	732	665	759	780
Temperature	F°	68.9	70.9	72.3	69.2	68.9	71.9	73.7	71.3
Turbidity	NTU	5.9	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY									
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	46	45	48	47	46	47	46	45
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.2	6.0	6.4	6.2	6.2	5.8	6.4	6.1
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	140	140	140	140	140	140	140	140
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	470	500	480	470	490	490	450	470
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
METALS									
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS: ND									
Chloromethane	µg/L	0.35	0.35	0.20	0.20	0.20	0.20	0.20	0.20
Dichlorodifluoromethane	µg/L	0.34	0.34	0.34	0.22	0.22	0.22	0.22	0.11
Tetrachloroethene	µg/L	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Jan 2010	May 2010	Aug 2010	Nov* 2010	Jan 2011	May 2011	Aug 2011
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	10.88	6.68	6.76	7.92	11.56	5.59	6.83
pH	units	7.80	7.39	7.85	7.14	7.20	7.37	7.13
Specific Conductance	µmhos/cm	801	801	753	724	788	766	751
Temperature	F°	68.4	68.7	73.3	68.8	70.0	71.5	72.8
Turbidity	NTU	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	48	46	46	47	42	47	52
Cyanide, Total	mg/L	NA	NA	NA	0.0016	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.4	6.3	6.3	6.3	5.5	6.3	6.7
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	150	140	140	140	130	140	140
Sulfide	mg/L	NA	NA	NA	0.050	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	470	470	480	480	480	470	480
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	0.010	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	0.0065	NA	NA	NA
Barium	mg/L	NA	NA	NA	0.010	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	0.0010	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	0.000070	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	**0.0011**	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	0.0050	NA	NA	NA
Copper	mg/L	NA	NA	NA	0.0023	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	0.00016	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	0.000017	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	0.0034	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	0.0022	NA	NA	NA
Silver	mg/L	NA	NA	NA	0.0011	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	0.000046	NA	NA	NA
Tin	mg/L	NA	NA	NA	**0.018**	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	**0.0062**	NA	NA	NA
Zinc	mg/L	NA	NA	NA	0.0059	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS: ND								
Chloromethane	µg/L	0.11	0.11	0.14	0.14	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.11	0.11	0.099	0.099	0.099	0.099	0.099
Tetrachloroethene	µg/L	0.13	0.13	0.13	0.13	0.13	0.13	0.13

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	6.11	7.41	5.62	5.78	7.51	6.46	6.76
pH	units	7.69	7.44	7.48	7.02	7.53	7.36	7.92
Specific Conductance	µmhos/cm	747	753	741	745	735	755	643
Temperature	F°	70.8	69.0	72.9	72.6	72.2	68.1	72.1
Turbidity	NTU	<5	<5	<5	<5	<5	0.9	<5
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	52	54	55	57	57	59	57
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	6.5	6.5	6.6	6.6	6.5	6.8	6.7
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	140	140	140	140	140	150	140
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	490	550	490	500	540	520	500
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:								
Chloromethane	µg/L	0.14	0.14	0.14	**0.17**[(5)]	0.14	0.14	0.14
Dichlorodifluoromethane	µg/L	0.099	0.099	0.099	0.099	0.099	**0.11**	**0.13**
Tetrachloroethene	µg/L	0.13	0.13	0.13	0.13	0.13	**0.32**	**0.27**

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-13 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-12

ANALYTE	UNITS	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS										
Oxygen, Dissolved	mg/L	6.15	5.90	5.10	5.18	6.76	7.19	3.11	2.3	19.9
pH	units	8.05	7.90	8.29	7.49	7.72	7.71	0.424	6.5	8.6
Specific Conductance	µmhos/cm	635	674	629	762	749	717	89.8	500	860
Temperature	F°	71.4	71.4	71.4	71.6	71.5	71.7	2.45	68.0	77.5
Turbidity	NTU	0.0	0.0	0.0	0.0	4.95	63.2	124	0.0	350
GENERAL CHEMISTRY										
Alkalinity, Total	mg/L	NA	NA	NA	NA	140	140	0.0	140	140
Bicarbonate	mg/L	NA	NA	NA	NA	170	170	0.0	170	170
Carbonate	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	56	55	54	52	52.0	54.5	11.5	42	92
Cyanide, Total	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Fluoride, Total	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Hydroxide	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	6.6	6.5	6.7	6.5	6.41	6.40	0.331	5.5	7.1
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	140	140	150	140	140	144	6.56	130	160
Sulfide	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	520	480	450	460	490	506	75.2	430	830
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
METALS										
Antimony	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	NA	NA	0.00700	0.00700	0.000577	0.0065	0.0075
Barium	mg/L	NA	NA	NA	NA	0.00900	0.00900	0.00115	**0.008**	0.010
Beryllium	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Calcium	mg/L	NA	NA	NA	NA	50.5	50.5	2.89	48	53
Chromium, Total	mg/L	NA	NA	NA	NA	NC	NC	NC	**0.0011**	**0.0026**
Cobalt	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Copper	mg/L	NA	NA	NA	NA	NC	NC	NC	**0.0015**	**0.0015**
Iron	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Lead	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Magnesium	mg/L	NA	NA	NA	NA	15.0	15.0	1.15	14	16
Manganese	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Mercury	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nickel	mg/L	NA	NA	NA	NA	NC	NC	NC	0.00011	0.0034
Potassium	mg/L	NA	NA	NA	NA	3.25	3.25	0.866	2.5	4
Selenium	mg/L	NA	NA	NA	NA	0.00180	0.00180	0.000462	**0.0014**	0.0022
Silver	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Sodium	mg/L	NA	NA	NA	NA	102	102	9.24	94	110
Thallium	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NA	NA	NA	NC	NC	NC	0.000085	**0.018**
Vanadium	mg/L	NA	NA	NA	NA	NC	NC	NC	**0.0062**	**0.0087**
Zinc	mg/L	NA	NA	NA	NA	NC	NC	NC	0.0059	**0.0069**
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:										
Chloromethane	µg/L	0.14	0.14	0.14	0.14	NC	NC	NC	NC	NC
Dichlorodifluoromethane	µg/L	0.099	**0.10**	**0.12**	1.2	NC	NC	NC	0.099	1.2
Tetrachloroethene	µg/L	**0.26**	**0.26**	**0.28**	**0.40**	NC	NC	NC	0.086	**0.40**

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-14
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-18

ANALYTE	UNITS	Jul 2005	Aug 2005	Nov 2005	Dec(R) 2005	Feb 2006	Apr 2006	Jul 2006	Nov 2006
FIELD PARAMETERS									
Oxygen, Dissolved	mg/L	NA	NA	NA	4.4	NA	NA	NA	NA
pH	units	NA	7.6	7.5	8.0	8.1	6.6	5.1	7.5
Specific Conductance	µmhos/cm	NA	800	720	1900	900	820	700	510
Temperature	F°	NA	71.6	68.0	69.1	68.2	66.7	73.4	71.2
Turbidity	NTU	NA	63	<5	NA	<5	<5	<5	35
GENERAL CHEMISTRY									
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	NA	83	81	NA	77	73	74	73
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	NA	5.7	0.52	NA	5.2	7.1	6.4	6.9
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NA	120	100	NA	120	130	130	130
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	NA	500	230	NA	490	450	490	510
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
METALS									
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:									
1,2-Dichlorobenzene	µg/L	**0.45**	0.077	0.077	0.14	0.077	0.077	0.11	0.11
Acetone	µg/L	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Chlorobenzene	µg/L	12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Chloroform	µg/L	**0.12**	0.11	0.11	0.11	0.11	0.11	0.071	0.076
Chloromethane	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	**0.34**	0.14
Methylene chloride	µg/L	0.44	0.44	1.5	0.44	0.44	0.44	**0.15**	0.16
Trichloroethene	µg/L	0.69	0.18	0.18	0.18	0.18	0.18	0.18	0.18

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-14 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-18

ANALYTE	UNITS	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008	May 2008	Aug 2008
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA
pH	units	7.7	7.50	7.6	7.7	7.8	7.5	7.26
Specific Conductance	µmhos/cm	550	400	620	710	580	632	731
Temperature	F°	69.6	72.7	70.5	69.6	70.7	72.0	75.9
Turbidity	NTU	51	50	34.6	123.6	115	19.3	60.4
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	68	68	70	71	73	68	74
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	7.8	8.7	10	11	13	13	15
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	130	130	130	130	140	130	130
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	500	520	480	560	520	650	540
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:								
1,2-Dichlorobenzene	µg/L	0.11	0.13	0.13	0.13	0.36	0.36	0.15
Acetone	µg/L	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Chlorobenzene	µg/L	0.12	0.11	0.11	0.11	0.29	0.29	0.14
Chloroform	µg/L	0.076	0.098	0.098	0.098	0.24	0.24	0.23
Chloromethane	µg/L	0.14	0.072	0.14	0.14	0.35	0.35	0.20
Methylene chloride	µg/L	0.16	0.16	0.16	2.8	0.27	0.27	0.27
Trichloroethene	µg/L	0.18	0.13	0.13	0.13	0.19	0.19	0.16

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-14 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-18

ANALYTE	UNITS	Oct 2008	Jan 2009	May 2009	Aug 2009	Oct 2009	Jan 2010	May 2010
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	NA	NA	9.71	ND	ND	6.97	4.40
pH	units	6.9	7.0	7.72	7.51	7.65	7.98	7.91
Specific Conductance	µmhos/cm	750	1010	792	839	901	855	849
Temperature	F°	70.5	67.6	73.7	72.1	73.6	71.3	69.1
Turbidity	NTU	25.7	57.7	12.6	<5	800	216	87.6
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	72	73	76	73	72	76	74
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	15	15	15	17	17	17	17
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	130	140	130	130	130	130	130
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	570	570	530	440	500	520	520
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:								
1,2-Dichlorobenzene	µg/L	0.15	0.15	0.15	0.15	0.15	0.068	0.068
Acetone	µg/L	7.4	7.4	7.4	7.4	**7.8**	4.6	4.6
Chlorobenzene	µg/L	0.14	0.14	0.14	0.14	0.14	0.081	0.081
Chloroform	µg/L	0.23	0.23	0.23	0.23	0.23	0.072	0.072
Chloromethane	µg/L	0.20	0.20	0.20	0.20	0.20	0.11	0.11
Methylene chloride	µg/L	0.27	0.27	0.27	0.27	0.27	0.28	0.50
Trichloroethene	µg/L	0.16	0.16	0.16	0.16	0.16	0.13	0.13

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-14 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-18

ANALYTE	UNITS	Aug 2010	Nov* 2010	Jan 2011	May 2011	Aug 2011	Nov 2011	Jan 2012
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	5.47	4.95	4.49	5.47	5.05	4.62	5.15
pH	units	7.53	7.77	7.94	7.09	7.48	7.69	7.39
Specific Conductance	µmhos/cm	825	890	854	818	865	864	862
Temperature	F°	74.0	65.6	67.2	70.1	70.7	67.9	64.7
Turbidity	NTU	582	OR	269.0	192	147.0	198.0	53.3
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	76	75	69	73	76	74	76
Cyanide, Total	mg/L	NA	**0.0021**	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	18	18	16	18	18	18	18
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	130	130	120	130	130	130	130
Sulfide	mg/L	NA	0.050	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	510	530	530	510	520	530	530
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	0.010	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	0.0040	NA	NA	NA	NA	NA
Barium	mg/L	NA	0.018	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	0.0010	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	0.000070	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	0.0010	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	0.0050	NA	NA	NA	NA	NA
Copper	mg/L	NA	0.0023	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	0.00016	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	0.000017	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	**0.0012**	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	0.0049	NA	NA	NA	NA	NA
Silver	mg/L	NA	0.0011	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	0.000046	NA	NA	NA	NA	NA
Tin	mg/L	NA	**0.017**	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	**0.0067**	NA	NA	NA	NA	NA
Zinc	mg/L	NA	0.0059	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:								
1,2-Dichlorobenzene	µg/L	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Acetone	µg/L	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Chlorobenzene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Chloroform	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Methylene chloride	µg/L	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Trichloroethene	µg/L	0.085	0.085	0.085	0.085	0.085	0.085	0.085

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-14 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-18

ANALYTE	UNITS	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013	Aug 2013	Oct 2013
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	8.23	7.11	5.47	8.83	0.00	4.20	4.20
pH	units	7.62	7.75	7.56	7.39	7.26	7.69	7.72
Specific Conductance	µmhos/cm	834	843	838	866	847	731	722
Temperature	F°	72.7	70.4	70.0	70.9	71.9	73.6	74.2
Turbidity	NTU	68.8	47.1	46.9	283.0	61.0	329	431
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/L	75	77	76	81	79	79	78
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Fluoride, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA
Nitrate (as N)	mg/L	18	18	18	18	18	18	18
Nitrate/Nitrite	mg/L	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	130	130	130	130	130	130	130
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids (TDS)	mg/L	520	540	530	470	520	540	520
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA
METALS								
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	mg/L	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA
Tin	mg/L	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:								
1,2-Dichlorobenzene	µg/L	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Acetone	µg/L	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Chlorobenzene	µg/L	0.093	0.093	0.093	0.093	0.093	0.093	0.093
Chloroform	µg/L	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Methylene chloride	µg/L	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Trichloroethene	µg/L	0.085	0.085	0.085	0.085	0.085	0.085	0.085

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-14 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - MONITORING WELL VSL-18

ANALYTE	UNITS	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	7.04	4.54	5.10	5.46	2.49	0.00	9.71
pH	units	7.86	7.31	7.60	7.45	0.637	5.1	8.1
Specific Conductance	µmhos/cm	712	850	830	826	290	400	1900
Temperature	F°	68.4	70.8	70.7	70.5	2.79	64.7	75.9
Turbidity	NTU	0.6	0.8	62.0	165	213	0.6	800
GENERAL CHEMISTRY								
Alkalinity, Total	mg/L	NA	NA	NC	NC	NC	NC	NC
Bicarbonate	mg/L	NA	NA	NC	NC	NC	NC	NC
Carbonate	mg/L	NA	NA	NC	NC	NC	NC	NC
Chloride	mg/L	78	77	74.5	74.7	3.97	68	83
Cyanide, Total	mg/L	NA	NA	NC	NC	NC	**0.0021**	**0.0021**
Fluoride, Total	mg/L	NA	NA	NC	NC	NC	NC	NC
Hydroxide	mg/L	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	18	18	17.0	13.9	5.35	0.52	18
Nitrate/Nitrite	mg/L	NA	NA	NC	NC	NC	NC	NC
Sulfate	mg/L	130	130	130	128	7.89	100	140
Sulfide	mg/L	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	540	530	520	509	78.0	230	650
Total Organic Carbon (TOC)	mg/L	NA	NA	NC	NC	NC	NC	NC
METALS								
Antimony	mg/L	NA	NA	NC	NC	NC	NC	NC
Arsenic	mg/L	NA	NA	0.00400	0.00400	0.0	0.0040	0.0040
Barium	mg/L	NA	NA	0.0180	0.0180	0.0	0.018	0.018
Beryllium	mg/L	NA	NA	NC	NC	NC	NC	NC
Boron	mg/L	NA	NA	NC	NC	NC	NC	NC
Cadmium	mg/L	NA	NA	NC	NC	NC	NC	NC
Calcium	mg/L	NA	NA	NC	NC	NC	NC	NC
Chromium, Total	mg/L	NA	NA	NC	NC	NC	NC	NC
Cobalt	mg/L	NA	NA	NC	NC	NC	NC	NC
Copper	mg/L	NA	NA	NC	NC	NC	NC	NC
Iron	mg/L	NA	NA	NC	NC	NC	NC	NC
Lead	mg/L	NA	NA	NC	NC	NC	NC	NC
Magnesium	mg/L	NA	NA	NC	NC	NC	NC	NC
Manganese	mg/L	NA	NA	NC	NC	NC	NC	NC
Mercury	mg/L	NA	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	NA	NA	NC	NC	NC	NC	NC
Nickel	mg/L	NA	NA	NC	NC	NC	**0.0012**	**0.0012**
Potassium	mg/L	NA	NA	NC	NC	NC	NC	NC
Selenium	mg/L	NA	NA	0.00490	0.00490	0.0	0.0049	0.0049
Silver	mg/L	NA	NA	NC	NC	NC	NC	NC
Sodium	mg/L	NA	NA	NC	NC	NC	NC	NC
Thallium	mg/L	NA	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NA	NC	NC	NC	**0.017**	**0.017**
Vanadium	mg/L	NA	NA	NC	NC	NC	**0.0067**	**0.0067**
Zinc	mg/L	NA	NA	NC	NC	NC	NC	NC
VOLATILE AND SEMI-VOLATILE ORGANIC COMPOUNDS:								
1,2-Dichlorobenzene	µg/L	0.072	0.072	0.130	0.143	0.0976	0.068	**0.45**
Acetone	µg/L	4.6	4.6	NC	NC	NC	4.6	**7.8**
Chlorobenzene	µg/L	0.093	0.093	NC	NC	NC	0.081	12
Chloroform	µg/L	0.12	0.12	NC	NC	NC	0.071	**0.12**
Chloromethane	µg/L	0.14	0.14	NC	NC	NC	0.072	**0.34**
Methylene chloride	µg/L	0.48	0.48	NC	NC	NC	**0.15**	2.8
Trichloroethene	µg/L	0.085	0.085	NC	NC	NC	0.085	0.69

*** Appendix I and Appendix II constituents analyzed. Other periods analyzed for routine monitoring parameters. Only detected compounds included above.**

TABLE 5-15
VICTORVILLE SANITARY LANDFILL
COMPARISON DATA
DOWNGRADIENT WELLS

ANALYTE	DOWNGRADIENT LOCATIONS						ARARs
	VSL-6 04/15/14	VSL-8 04/15/14	VSL-10 04/15/14	VSL-11 04/15/14	VSL-12 04/15/14	VSL-18 04/1514	
FIELD PARAMETERS							
Oxygen, Dissolved	0.00	0.00	4.34	0.69	5.18	4.54	NV
pH (units)	6.28	9.89	7.25	7.22	7.49	7.31	6.5 - 8.5 (3)
Specific Conductance (µmhos/cm)	985	560	891	906	762	850	1600(2)
Temperature (F)	72.5	71.6	70.9	70.4	71.6	70.8	NV
Turbidity (NTU)	0.0	8.7	0.0	0.2	0.0	0.8	5(1,2,3)
GENERAL CHEMISTRY (mg/L):							
Chloride	48	61	50	41	52	77	500(2)/250(3)
Nitrate (as N)	12	0.025	3.1	0.025	6.5	18	10(1,3)
Sulfate	49	120	240	230	140	130	500(2)
Total Dissolved Solids (TDS)	610	310	590	580	460	530	1000(2)/500(3)
VOLATILE ORGANIC COMPOUNDS (µg/L):							
1,1-Dichloroethane	3.1	0.11	0.11	0.11	0.11	0.11	5(1)
Chloroform	0.12	0.12	0.12	0.12	0.12	0.12	NV
Chloromethane	0.14	0.14	0.14	0.14	0.14	0.14	NV
Dichlorodifluoromethane	4.5	0.099	0.099	0.099	1.2	0.099	NV
o-Xylene	0.082	0.082	0.082	0.082	0.082	0.082	NV
Tetrachloroethene	7.3	0.13	0.13	0.13	**0.40**	0.13	5(1,3)
Trichloroethene	**0.40**	0.085	0.085	0.085	0.085	0.085	5(1,3)
Trichlorofluoromethane	0.92	0.13	0.13	0.13	0.13	0.13	150(1)

TABLE 5-15 (CONT'D)
VICTORVILLE SANITARY LANDFILL
COMPARISON DATA
UPGRADIENT WELLS

ANALYTE	UPGRADIENT LOCATIONS				ARARs
	VSL-1 04/15/14	MEDIAN 04/15/14	VSL-4 04/15/14	MEDIAN VALUE	
FIELD PARAMETERS					
Oxygen, Dissolved	6.49	6.77	0.75	1.00	NV
pH (units)	7.81	7.83	7.00	7.38	6.5 - 8.5 (3)
Specific Conductance (µmhos/cm)	722	700	992	920	1600(2)
Temperature (F°)	72.0	70.2	72.6	70.2	NV
Turbidity (NTU)	0.0	8.00	0.8	7.10	5(1,2,3)
GENERAL CHEMISTRY (mg/L):					
Chloride	82	79.0	110	120	500(2)/250(3)
Nitrate (as N)	4.3	4.20	3.1	6.50	10(1,3)
Sulfate	54	55.0	91	100	500(2)
Total Dissolved Solids (TDS)	430	421	590	570	1000(2)/500(3)
VOLATILE ORGANIC COMPOUNDS (µg/L):					
1,1-Dichloroethane	0.11	NC	0.11	NC	5(1)
Chloroform	0.12	NC	0.12	NC	NV
Chloromethane	0.14	NC	0.14	NC	NV
Dichlorodifluoromethane	1.4	NC	0.099	NC	NV
o-Xylene	0.082	NC	0.082	NC	NV
Tetrachloroethene	0.92	0.340	0.13	NC	5(1,3)
Trichloroethene	0.085	NC	0.085	NC	5(1,3)
Trichlorofluoromethane	0.13	NC	0.13	NC	150(1)

TABLE 5-16
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997
Carbon Dioxide, CO_2	V%	0.2	0.1	0.1	0.2	0.1	0.1	0.2
Methane, CH_4	V%	0.1	0.1	0.0087	0.0103	0.0113	0.0070	0.0114
Nitrogen, N_2	V%	78.9	79.3	76.7	78.6	78.6	77.8	77.0
Oxygen, O_2	V%	20.9	20.6	20.7	20.0	19.9	20.4	19.3
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	10	6.6	6.6	6.6	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	500	NA	NA	6.0	6.0	6.0	6.0
1,1-Dichloroethane	ppb (V/V)	10	10	10.9	10.9	10.9	10.9	10.9
1,1-Dichloroethene	ppb (V/V)	20	20	9.6	9.6	9.6	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	20	20	6.1	28	6.1	6.1	6.1
1,2-Dichloroethane	ppb (V/V)	30	30	8.9	8.9	8.9	8.9	8.9
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1690	2000	15	130	138	18	111
1,3,5-Trimethylbenzene	ppb (V/V)	20	20	8.5	8.5	8.5	8.5	8.5
1,4-Dichlorobenzene	ppb (V/V)	0.18	0.18	0.18	0.18	0.18	0.18	0.18
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	7.6	7.6	7.6	7.6	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20.6	20.6	20.6	20.6	20.6	20.6	20.6
Bromomethane	ppb (V/V)	NR	23.2	23.2	23.2	23.2	23.2	23.2
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	10	10	6.1	6.1	6.1	6.1	6.1
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	**400**	1300	321	1275	1055	191	1270
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	**20**	15.2	15.2	15.2	15.2	15.2
Isopropylbenzene	ppb (V/V)	NA	NA	11.0	11.0	11.0	11.0	11.0
Methylene Chloride	ppb (V/V)	40	**200**	6.5	6.5	6.5	6.5	6.5
Naphthalene	ppb (V/V)	NR	NR	13.7	13.7	13.7	13.7	13.7
o-Xylene	ppb (V/V)	20	**40**	11.5	20	11.5	11.5	11.5
p + m-Xylene	ppb (V/V)	40	**80**	26.2	49	26.2	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	30	**30**	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	**100**	**100**	4.4	38	31	18	26
Toluene	ppb (V/V)	10	200	14.8	42	14.8	**19.8**	14.8
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	20	20	5.2	**5**	5.2	**7.9**	5.2
Trichlorofluoromethane	ppb (V/V)	10	**30**	7.1	36	31	**7.9**	35

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.13
Methane, CH_4	V%	0.0073	0.001	0.001	0.001	0.016	0.001	0.1
Nitrogen, N_2	V%	76.1	76.0	73.3	74.1	79.8	78.4	79
Oxygen, O_2	V%	19.5	21.0	18.9	19.9	20.1	21.0	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	6.0	6.0	**6.8**	6.0	5.7	5.7	5.7
1,1-Dichloroethane	ppb (V/V)	10.9	10.9	10.9	10.9	10.9	10.9	10.9
1,1-Dichloroethene	ppb (V/V)	9.6	9.6	9.6	9.6	9.6	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	6.1	**8.2**	28	**9.6**	31	6.1	6.1
1,2-Dichloroethane	ppb (V/V)	8.9	8.9	8.9	8.9	8.9	8.9	8.9
1,2-Dichlorotetrafluoroethane	ppb (V/V)	27	6.3	99	6.3	89	6.3	6.3
1,3,5-Trimethylbenzene	ppb (V/V)	8.5	8.5	**9.5**	8.5	21	8.5	8.5
1,4-Dichlorobenzene	ppb (V/V)	0.18	0.18	0.18	0.18	0.18	0.18	0.18
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	7.6	7.6	226	7.6	219	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20.6	**22.4**	20.6	20.6	20.6	20.6	20.6
Bromomethane	ppb (V/V)	23.2	23.2	23.2	23.2	23.2	23.2	23.2
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	12.4	78	12.4	22	12.4	12.4
Chloroform	ppb (V/V)	6.1	6.1	6.1	6.1	6.1	6.1	6.1
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	428	8.9	1550	122	420	8.9	8.9
Dichlorofluoromethane	ppb (V/V)	NA	10.5	10.5	52.5	10.5	10.5	10.5
Ethylbenzene	ppb (V/V)	15.2	15.2	27	15.2	**19.8**	15.2	15.2
Isopropylbenzene	ppb (V/V)	11.0	11.0	11.0	11.0	18	11.0	11.0
Methylene Chloride	ppb (V/V)	45	6.5	6.5	6.5	22	6.5	11
Naphthalene	ppb (V/V)	13.7	13.7	13.7	13.7	13.7	13.7	13.7
o-Xylene	ppb (V/V)	11.5	11.5	20	11.5	32	11.5	11.5
p + m-Xylene	ppb (V/V)	26.2	26.2	53	26.2	132	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	24	**4.7**	57	40	789	42	4.4
Toluene	ppb (V/V)	34	**15.9**	36	34	14.8	**18.9**	**19**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	13	5.2	**7.8**	5.2	200	**7.9**	5.2
Trichlorofluoromethane	ppb (V/V)	38	7.1	28	7.1	7.1	7.1	7.1

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001
Carbon Dioxide, CO_2	V%	0.27	0.12	0.1	0.1	0.2	0.2	0.1
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	48.5	77.7	77.4	77	78	81	75
Oxygen, O_2	V%	13.1	21.9	21.1	20	19	22	20
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	**500**	10	10	1.0	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	4000	100	100	10	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	400	**14**	10	**1.1**	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	**500**	10	10	1.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	2000	50	50	5.0	**12**	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	**700**	10	10	1.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	400	150	32	9.7	5.0	26	64
1,3,5-Trimethylbenzene	ppb (V/V)	2000	50	50	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	0.18	0.18	0.18	0.18	0.18	0.18	0.18
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	2000	50	50	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	2000	50	50	5.0	5.0	5.0	5.0
Bromomethane	ppb (V/V)	2000	50	50	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	2000	130	66	37	5.0	31	46
Chloroform	ppb (V/V)	**900**	10	10	1.0	5.0	5.0	5.0
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	3800	1100	460	310	50	600	750
Dichlorofluoromethane	ppb (V/V)	2000	50	50	38	5.0	5.0	**13**
Ethylbenzene	ppb (V/V)	2000	50	50	5.0	**6.4**	5.0	5.0
Isopropylbenzene	ppb (V/V)	2000	50	50	5.0	5.0	5.0	5.0
Methylene Chloride	ppb (V/V)	4000	100	100	5.0	5.0	**11**	10
Naphthalene	ppb (V/V)	2000	50	50	5.0	**6.8**	5.0	5.0
o-Xylene	ppb (V/V)	2000	50	50	5.0	**5.9**	5.0	5.0
p + m-Xylene	ppb (V/V)	2000	50	50	5.0	**15**	5.0	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	2000	50	50	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	400	210	52	190	**11**	51	69
Toluene	ppb (V/V)	2000	50	50	5.0	**10**	5.0	5.0
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	**700**	42	**17**	15	5.0	5.0	**11**
Trichlorofluoromethane	ppb (V/V)	400	**23**	10	21	5.0	43	55

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.14	0.10	0.10
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.10	0.10	0.10
Nitrogen, N_2	V%	75	76	75	77	81	82	75
Oxygen, O_2	V%	23	20	25	27	20	15	20
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	5.0	5.0	**8.6**	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	**19**	5.0	5.0	5.0	5.0	5.0	**9.0**
1,2-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	47	**23**	**15**	**23**	49	32	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	**5.3**	5.0	5.0	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	0.18	0.18	0.18	0.18	0.18	0.18	0.18
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	46	**23**	**12**	36	38	**24**	**7.1**
Chloroform	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	850	450	220	580	530	450	**76**
Dichlorofluoromethane	ppb (V/V)	**9.2**	5.0	5.0	**8.1**	**9.4**	5.0	5.0
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Methylene Chloride	ppb (V/V)	10	10	10	**49**	**27**	10	77
Naphthalene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
o-Xylene	ppb (V/V)	**9.0**	5.0	5.0	**5.2**	5.0	5.0	5.0
p + m-Xylene	ppb (V/V)	29	5.0	5.0	**7.5**	5.0	5.0	**5.7**
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	**7.2**	5.0	5.0	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	66	78	48	85	71	54	33
Toluene	ppb (V/V)	**8.2**	5.0	5.0	5.0	5.0	5.0	5.0
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	**9.6**	**8.0**	**6.0**	**10**	**7.8**	**5.1**	5.0
Trichlorofluoromethane	ppb (V/V)	38	**20**	**15**	48	29	43	**5.3**

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	0.10	0.10	0.10	NA	0.10	0.10	0.18
Methane, CH_4	V%	0.10	0.10	0.10	NA	0.10	0.10	0.10
Nitrogen, N_2	V%	84	72	75	NA	75	75	77
Oxygen, O_2	V%	21	19	21	NA	21	22	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	10	**5.3**	5.0	NA	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	NA	**6.2**	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	10	63	5.0	NA	**15**	46	350
1,3,5-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	0.18	0.18	0.18	0.18	0.18	0.18	0.18
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	10	5.0	5.0	NA	5.0	NA	5.0
Acetone	ppb (V/V)	NA	NA	**78**	NA	NA	NA	NA
Benzene	ppb (V/V)	**23**[4]	5.0	5.0	NA	5.0	5.0	5.0
Bromomethane	ppb (V/V)	5.0	5.0	62	NA	**5.6**	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	**18**	56	NA	NA	**22**	NA	94
Chloroform	ppb (V/V)	10	**7.3**	5.0	NA	5.0	5.0	5.0
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	**100**	980	200	NA	200	153	1020
Dichlorofluoromethane	ppb (V/V)	10	**10**	NA	NA	5.0	NA	NA
Ethylbenzene	ppb (V/V)	10	5.0	**6.3**	NA	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	10	5.0	5.0	NA	5.0	NA	5.0
Methylene Chloride	ppb (V/V)	**40**[4]	**37**	25	NA	25	25	25
Naphthalene	ppb (V/V)	10	5.0	5.0	NA	5.0	NA	5.0
o-Xylene	ppb (V/V)	10	5.0	**5.7**	NA	**6.3**	5.0	5.0
p + m-Xylene	ppb (V/V)	10	5.0	**5.7**	NA	**7.4**	**7.3**	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Styrene	ppb (V/V)	10	5.0	5.0	NA	**5.1**	5.0	**6.6**
Tetrachloroethene	ppb (V/V)	**47**	110	26	NA	25	**9.1**	64
Toluene	ppb (V/V)	**10**	5.0	**12**	NA	**24**	**24**	**14**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Trichloroethene	ppb (V/V)	10	**9.7**	5.0	NA	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	10	57	**8.1**	NA	**6.0**	5.0	32

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006
Carbon Dioxide, CO_2	V%	0.10	0.115	0.1	1.3	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.008	0.000030	0.00010	0.10	0.1	0.1
Nitrogen, N_2	V%	76	83.0	78.8	78.4	80.0	79.9	80.2
Oxygen, O_2	V%	21	16.9	21.2	20.2	20.0	20.4	19.7
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	**0.66**	**0.81**	1.3	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	5.0	1.1	1.2	1.2	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	**0.58**	**0.84**	0.5	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	160	6.6	19	13	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	**0.51**	0.18	0.18	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	0.18	0.18	0.18	NA	NA	NA
2-Butanone	ppb (V/V)	NA	0.56	**1.2**	**1.6**	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	8.2	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	0.55	0.17	1.1	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	2.1	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	59	0.2	NA	0.25	NA	NA	NA
Chloroform	ppb (V/V)	5.0	0.23	0.23	**0.3**	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	0.5	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	640	110	380	186	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	0.96	0.17	**0.3**	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	2.6	**0.60**	**1.6**	NA	NA	NA
Naphthalene	ppb (V/V)	5.0	0.2	NA	0.35	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	1.1	0.19	**0.4**	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	3.6	**0.94**	1.2	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.16	0.61	2.3	NA	NA	NA
Tetrachloroethene	ppb (V/V)	**22**	32	68	65	NA	NA	NA
Toluene	ppb (V/V)	**9.0**	5.5	1.4	2.5	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	0.2	0.2	0.15	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	3.6	5.5	5.6	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	**16**	7.0	12	13	NA	NA	NA

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Jul 2006	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008
Carbon Dioxide, CO_2	V%	0.10	1.48	0.10	0.10	0.1	0.066	0.1
Methane, CH_4	V%	0.1	0.000030	0.1	0.1	0.1	0.0007	0.1
Nitrogen, N_2	V%	80.2	78.5	82.5	79.6	81.4	78.6	80.8
Oxygen, O_2	V%	19.7	20.0	17.5	20.2	18.5	20.9	19.2
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	0.21	NA	NA	NA	0.21	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	0.15	NA	NA	NA	1.95	NA
1,1-Dichloroethane	ppb (V/V)	NA	0.20	NA	NA	NA	5.38	NA
1,1-Dichloroethene	ppb (V/V)	NA	0.23	NA	NA	NA	1.61	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	0.28	NA	NA	NA	0.28	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	1.20	NA	NA	NA	0.2	NA
1,2-Dichloroethane	ppb (V/V)	NA	0.19	NA	NA	NA	0.19	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	10.9	NA	NA	NA	38.8	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	1.08	NA	NA	NA	0.18	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	1.71	NA	NA	NA	0.2	NA
2-Butanone	ppb (V/V)	NA	0.56	NA	NA	NA	0.56	NA
2-Chlorotoluene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
4-Isopropyltoluene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	0.17	NA	NA	NA	0.17	NA
Bromomethane	ppb (V/V)	NA	0.21	NA	NA	NA	0.21	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	0.25	NA	NA	NA	0.25	NA
Chloroform	ppb (V/V)	NA	0.23	NA	NA	NA	0.23	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	0.19	NA	NA	NA	0.19	NA
Dichlorodifluoromethane	ppb (V/V)	NA	129	NA	NA	NA	629	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.25	NA	NA	NA	0.25	NA
Ethylbenzene	ppb (V/V)	NA	1.29	NA	NA	NA	0.17	NA
Isopropylbenzene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
Methylene Chloride	ppb (V/V)	NA	0.20	NA	NA	NA	2.49	NA
Naphthalene	ppb (V/V)	NA	0.35	NA	NA	NA	0.35	NA
o-Xylene	ppb (V/V)	NA	1.77	NA	NA	NA	0.19	NA
p + m-Xylene	ppb (V/V)	NA	1.80	NA	NA	NA	0.37	NA
sec-Butylbenzene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
Styrene	ppb (V/V)	NA	1.13	NA	NA	NA	0.16	NA
Tetrachloroethene	ppb (V/V)	NA	89.0	NA	NA	NA	90.7	NA
Toluene	ppb (V/V)	NA	3.50	NA	NA	NA	1.53	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	0.15	NA	NA	NA	0.15	NA
Trichloroethene	ppb (V/V)	NA	0.21	NA	NA	NA	6.57	NA
Trichlorofluoromethane	ppb (V/V)	NA	0.2	NA	NA	NA	29.2	NA

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	79.9	79.9	79.8	80.4	81.2	81.5	81.4
Oxygen, O_2	V%	20.0	20.1	19.0	19.6	18.8	18.5	18.2
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	2.92	NA	NA	NA	0.15
1,1-Dichloroethane	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
1,1-Dichloroethene	ppb (V/V)	NA	NA	0.23	NA	NA	NA	0.23
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	0.28	NA	NA	NA	0.28
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
1,2-Dichloroethane	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.19
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	38.2	NA	NA	NA	**1.17**
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	0.18	NA	NA	NA	0.18
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	0.2	NA	NA	NA	0.2
2-Butanone	ppb (V/V)	NA	NA	0.56	NA	NA	NA	0.56
2-Chlorotoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
4-Isopropyltoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17
Bromomethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Chloroform	ppb (V/V)	NA	NA	0.23	NA	NA	NA	0.23
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.19
Dichlorodifluoromethane	ppb (V/V)	NA	NA	737	NA	NA	NA	20.2
Dichlorofluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Ethylbenzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17
Isopropylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Methylene Chloride	ppb (V/V)	NA	NA	0.20	NA	NA	NA	33.2
Naphthalene	ppb (V/V)	NA	NA	0.35	NA	NA	NA	0.35
o-Xylene	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.19
p + m-Xylene	ppb (V/V)	NA	NA	0.37	NA	NA	NA	0.37
sec-Butylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Styrene	ppb (V/V)	NA	NA	0.16	NA	NA	NA	0.16
Tetrachloroethene	ppb (V/V)	NA	NA	70.4	NA	NA	NA	0.97
Toluene	ppb (V/V)	NA	NA	4.46	NA	NA	NA	0.2
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.15	NA	NA	NA	0.15
Trichloroethene	ppb (V/V)	NA	NA	5.76	NA	NA	NA	0.21
Trichlorofluoromethane	ppb (V/V)	NA	NA	37.9	NA	NA	NA	**0.75**

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011
Carbon Dioxide, CO_2	V%	0.1	0.2	0.1	0.1	0.1	0.2	0.1
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	80.7	82.7	81.4	83.3	85.4	89.7	79.4
Oxygen, O_2	V%	19.3	17.0	18.6	16.6	14.5	10.1	20.6
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Nitrogen, N_2	V%	79.3	80.1	79.7	80.0	80.8	79.5	82.0
Oxygen, O_2	V%	20.7	19.8	20.3	20.0	19.2	20.1	18.0
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-16 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1S
TOTAL DEPTH: 68 ft.

ANALYTE	UNIT	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.0	0.1	0.1	0.1	0.100	0.161	0.265	0.0	1.48
Methane, CH_4	V%	0.0	0.2	0.3	0.3	0.100	0.0782	0.0547	0.0	0.3
Nitrogen, N_2	V%	80.4	82.1	83.2	83.3	79.5	78.5	5.99	48.5	89.7
Oxygen, O_2	V%	19.6	17.9	16.4	16.3	20.0	19.6	2.67	10.1	27
VOLATILE ORGANIC COMPOUNDS BY TO-14										
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	27.5	104	0.21	**500**
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	5.00	116	619	0.15	**8.6**
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	15.7	59.4	0.20	**14**
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	5.00	28.9	104	0.23	**500**
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	0.280	1.46	2.19	NC	NC
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	6.10	55.5	300	0.20	31
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	38.2	146	0.19	**700**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	26.5	144	388	**1.17**	350
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	54.0	300	0.18	21
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	0.180	0.248	0.319	0.2	1.71
2-Butanone	ppb (V/V)	NA	NA	NA	NA	0.560	0.862	0.468	0.56	**1.6**
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	5.00	71.9	314	0.20	226
Acetone	ppb (V/V)	NA	NA	NA	NA	43.1	43.1	40.3	8.2	**78**
Benzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.17	**22.4**
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.21	62
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	2.10	2.10	0.0	2.1	2.1
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	22.0	91.9	344	0.2	130
Chloroform	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.23	**900**
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.19	0.5
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	424	634	811	8.9	3800
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	38
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.17	27
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	18
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	10.0	121	607	0.20	**200**
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	**6.8**
o-Xylene	ppb (V/V)	NA	NA	NA	NA	5.80	56.4	300	0.19	**40**
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	7.45	67.5	300	0.37	132
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	NC	NC
Styrene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.16	**30**
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	51.5	95.6	167	0.97	789
Toluene	ppb (V/V)	NA	NA	NA	NA	10.0	67.5	301	0.2	200
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	NC	NC
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	5.68	43.9	148	0.21	**700**
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	15.5	29.7	59.5	0.2	57

TABLE 5-17
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997
Carbon Dioxide, CO_2	V%	0.1	0.2	0.1	0.2	0.1	0.1	0.1
Methane, CH_4	V%	0.1	0.1	0.0010	0.0111	0.0093	0.0010	0.0055
Nitrogen, N_2	V%	78.1	79.0	75.2	78.9	77.6	76.4	79.5
Oxygen, O_2	V%	21.8	20.8	19.8	20.4	19.9	20.9	20.6
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	10	6.6	6.6	6.6	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	500	500	6.0	6.0	6.0	6.0	6.0
1,1-Dichloroethane	ppb (V/V)	10	10	10.9	10.9	10.9	10.9	10.9
1,1-Dichloroethene	ppb (V/V)	20	20	9.6	9.6	9.6	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	10	10	4.8	4.8	4.8	4.8	4.8
1,2,4-Trimethylbenzene	ppb (V/V)	20	20	6.1	20	6.1	6.1	6.1
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	6.0	6.0	6.0	6.0	6.0
1,2-Dichloroethane	ppb (V/V)	30	30	8.9	8.9	8.9	8.9	8.9
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1690	2000	6.3	73	99	6.1	39
1,3,5-Trimethylbenzene	ppb (V/V)	20	20	8.5	8.5	8.5	8.5	8.5
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	10.6	10.6	10.6	10.6	10.6
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	6.6	6.6	6.6	6.6	6.6
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	7.6	7.6	7.6	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20	20	20.6	20.6	20.6	20.6	20.6
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	10	10	8.2	8.2	8.2	8.2	8.2
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	10	10	6.1	6.1	6.1	6.1	6.1
Chloromethane	ppb (V/V)	40	300	26.1	26.1	26.1	26.1	26.1
Dichlorodifluoromethane	ppb (V/V)	10	600	17	826	661	8.9	360
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	**40**	15.2	15.2	15.2	15.2	15.2
Hexachloro-1,3-butadiene	ppb (V/V)	10	10	3.2	3.2	3.2	3.2	3.2
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	600	200	6.5	6.5	6.5	6.5	6.5
Naphthalene	ppb (V/V)	NR	NR	13.7	13.7	13.7	13.7	13.7
o-Xylene	ppb (V/V)	20	**60**	11.5	18	11.5	11.5	11.5
p + m-Xylene	ppb (V/V)	40	**100**	26.2	40	26.2	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	30	**50**	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	**200**	200	**5.1**	34	24	20	11
Toluene	ppb (V/V)	**100**	400	14.8	36	14.8	14.8	14.8
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	20	20	5.2	**5**	5.2	5.2	5.2
Trichlorofluoromethane	ppb (V/V)	10	10	7.1	22	19	7.1	13

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.15
Methane, CH_4	V%	0.0085	0.001	0.001	0.003	0.001	0.001	0.1
Nitrogen, N_2	V%	77.2	75.7	73.9	75.7	80.8	78.6	79
Oxygen, O_2	V%	19.8	20.8	19.6	20.6	21.4	21.1	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1,1-Dichloroethane	ppb (V/V)	24	10.9	10.9	10.9	10.9	10.9	10.9
1,1-Dichloroethene	ppb (V/V)	9.6	9.6	9.6	9.6	9.6	74	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	4.8	4.8	4.8	4.8	4.8	4.8	4.8
1,2,4-Trimethylbenzene	ppb (V/V)	6.1	**7.5**	**13.1**	**6.5**	**11.3**	6.1	6.1
1,2-Dichlorobenzene	ppb (V/V)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1,2-Dichloroethane	ppb (V/V)	8.9	8.9	8.9	8.9	8.9	8.9	8.9
1,2-Dichlorotetrafluoroethane	ppb (V/V)	29	6.3	82	6.3	6.3	6.3	6.3
1,3,5-Trimethylbenzene	ppb (V/V)	8.5	8.5	8.5	8.5	8.5	8.5	8.5
1,3-Dichlorobenzene	ppb (V/V)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
1,4-Dichlorobenzene	ppb (V/V)	6.6	6.6	6.6	6.6	6.6	6.6	6.6
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	10	7.6	62	7.6	78	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20.6	20.6	20.6	20.6	20.6	70	20.6
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	8.2	8.2	8.2	8.2	8.2	49	8.2
Chlorodifluoromethane	ppb (V/V)	NA	12.4	97	12.4	12.4	12.4	12.4
Chloroform	ppb (V/V)	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Chloromethane	ppb (V/V)	26.1	26.1	26.1	26.1	26.1	26.1	26.1
Dichlorodifluoromethane	ppb (V/V)	522	46	1210	37	50	8.9	30
Dichlorofluoromethane	ppb (V/V)	NA	10.5	10.5	52.5	10.5	10.5	10.5
Ethylbenzene	ppb (V/V)	15.2	15.2	15.2	15.2	15.2	15.2	15.2
Hexachloro-1,3-butadiene	ppb (V/V)	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	193	6.5	6.5	6.5	6.5	6.5	31
Naphthalene	ppb (V/V)	13.7	13.7	13.7	13.7	13.7	13.7	13.7
o-Xylene	ppb (V/V)	20	11.5	11.5	11.5	11.5	11.5	11.5
p + m-Xylene	ppb (V/V)	36	**26.9**	26.2	26.2	37	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	79	10	66	23	363	21	178
Toluene	ppb (V/V)	91	46	22	36	14.8	80	14.8
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	22	5.2	**8.3**	5.2	105	44	17
Trichlorofluoromethane	ppb (V/V)	15	7.1	25	7.1	7.1	7.1	7.1

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001
Carbon Dioxide, CO_2	V%	0.29	0.1	0.1	0.1	0.1	0.1	0.1
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	65.2	76.9	75.6	77	74	79	76
Oxygen, O_2	V%	17.9	22.9	23.9	20	28	26	22
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	**100**	10	10	1.0	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	1000	100	10	10	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	100	10	10	1.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	**200**	10	10	1.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	500	50	50	5.0	**13**	5.0	5.0
1,2-Dichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	**200**	10	10	1.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**200**	160	10	17	5.0	27	56
1,3,5-Trimethylbenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,3-Dichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	500	50	50	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	500	50	50	5.0	5.0	5.0	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	500	50	50	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	500	120	50	43	5.0	30	45
Chloroform	ppb (V/V)	**200**	10	10	1.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	100	10	10	1.0	50	50	50
Dichlorodifluoromethane	ppb (V/V)	4700	1000	56	140	50	620	730
Dichlorofluoromethane	ppb (V/V)	2000	50	50	34	5.0	5.0	**13**
Ethylbenzene	ppb (V/V)	500	50	50	5.0	**7.1**	5.0	5.0
Hexachloro-1,3-butadiene	ppb (V/V)	1600	20	20	2.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	1000	100	100	10	10	10	10
Naphthalene	ppb (V/V)	500	50	50	5.0	**5.1**	5.0	5.0
o-Xylene	ppb (V/V)	500	50	50	5.0	**6.2**	5.0	5.0
p + m-Xylene	ppb (V/V)	500	50	50	5.0	**16**	5.0	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	500	50	50	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	**200**	95	53	130	**13**	37	62
Toluene	ppb (V/V)	500	50	50	5.0	**12**	5.0	5.0
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	**200**	**23**	**16**	9.4	5.0	5.0	**8.7**
Trichlorofluoromethane	ppb (V/V)	**100**	**22**	10	21	5.0	41	46

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.10	0.10	0.10
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.10	0.10	0.10
Nitrogen, N_2	V%	77	74	74	84	84	78	75
Oxygen, O_2	V%	19	24	25	22	23	15	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	5.0	5.0	**24**	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	**10**	5.0	5.0	5.0	5.0	5.0	**8.8**
1,2-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	26	5.0	5.0	5.0	**9.7**	5.0	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,3-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**6.0**	5.0	5.0	5.0	5.0	**5.2**	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	28	**12**	5.0	5.0	**9.7**	5.0	5.0
Chloroform	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	**6.7**
Chloromethane	ppb (V/V)	50	50	50	50	50	50	50
Dichlorodifluoromethane	ppb (V/V)	510	5.0	5.0	**51**	110	50	50
Dichlorofluoromethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	10	10	10	10	10	10	93
Naphthalene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
o-Xylene	ppb (V/V)	5.0	5.0	5.0	**5.0**	5.0	5.0	5.0
p + m-Xylene	ppb (V/V)	**16**	5.0	5.0	**7.2**	5.0	5.0	**5.4**
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	26	5.0	**8.9**	31	30	**16**	**13**
Toluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	**21**	5.0	5.0	5.0	**6.3**	5.0	5.0

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Nitrogen, N_2	V%	73	72	75	64	77	76	75
Oxygen, O_2	V%	20	20	22	20	22	22	22
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
1,2,4-Trichlorobenzene	ppb (V/V)	10	5.0	5.0	60	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	**18**	**8.2**	5.0	5.0
1,2-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	**12**	**7.7**	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	10	39	5.0	5.0	5.0	25	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	**9.0**	5.0	5.0	5.0
1,3-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	**12**	**5.9**	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	**14**	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**33**[(4)]	5.0	5.0	**5.2**	**6.1**	**5.9**	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	**6.2**	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	**11**	31	NA	NA	NA	NA	5.0
Chloroform	ppb (V/V)	10	**14**	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	100	50	25	25	5.0	25	25
Dichlorodifluoromethane	ppb (V/V)	100	580	25	**21**	5.0	**80**	25
Dichlorofluoromethane	ppb (V/V)	10	**6.6**	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	5.0	5.0	**11**	**5.7**	**5.3**	5.0
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	5.0	5.0	**9.7**	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Methylene Chloride	ppb (V/V)	**41**[(4)]	**39**	25	25	25	25	25
Naphthalene	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	NA
o-Xylene	ppb (V/V)	10	5.0	5.0	**13**	**7.3**	**6.2**	5.0
p + m-Xylene	ppb (V/V)	10	5.0	5.0	**18**	**8.8**	**10**	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Styrene	ppb (V/V)	10	5.0	5.0	**8.2**	**6.5**	5.0	5.0
Tetrachloroethene	ppb (V/V)	**13**	68	**12**	**11**	**5.7**	**13**	**8.1**
Toluene	ppb (V/V)	**12**	5.0	**9.6**	25	27	34	**12**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Trichloroethene	ppb (V/V)	10	**5.3**	5.0	5.0	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	10	35	5.0	5.0	5.0	5.0	5.0

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	0.10	0.281	0.1	0.6	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.009	0.000030	0.00010	0.10	0.000030	0.000030	0.000030
Nitrogen, N_2	V%	75	82.0	78.5	82.7	79.8	79.9	80.2	80.2
Oxygen, O_2	V%	22	17.7	21.4	16.7	20.2	20.2	19.8	19.8
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	0.2	0.2	0.15	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	5.0	0.21	0.21	0.20	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	0.26	0.26	0.22	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	**0.63**	**0.89**	0.5	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	80	**0.86**	3.8	0.25	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	**0.55**	0.18	0.18	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	5.0	0.2	0.2	0.18	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	**1.3**	**1.7**	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	9.1	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	0.60	0.17	1.1	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	2.5	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	31	0.2	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	0.18	0.18	0.18	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	290	11	49	11	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	0.95	0.17	**0.4**	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	0.26	0.26	0.26	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	**1.9**	0.2	**0.2**	NA	NA	NA	NA
Naphthalene	ppb (V/V)	5.0	0.2	NA	0.35	NA	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	1.1	0.19	**0.4**	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	3.6	1.1	1.3	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.16	0.60	2.3	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	5.0	5.4	19	6.9	NA	NA	NA	NA
Toluene	ppb (V/V)	**9.9**	6.6	1.6	2.7	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	0.2	0.15	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	0.59	0.99	**0.3**	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	**7.5**	1.0	2.6	1.0	NA	NA	NA	NA

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008	May 2008
Carbon Dioxide, CO_2	V%	0.75	0.10	0.10	0.1	0.010	0.1	0.1
Methane, CH_4	V%	0.000030	0.1	0.1	0.1	0.0010	0.1	0.1
Nitrogen, N_2	V%	78.5	82.3	80.7	81.6	78.9	81.2	79.9
Oxygen, O_2	V%	20.7	17.7	19.3	18.3	21.0	18.8	20.1
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	0.15	NA	NA	NA	1.68	NA	NA
1,1-Dichloroethane	ppb (V/V)	0.20	NA	NA	NA	5.38	NA	NA
1,1-Dichloroethene	ppb (V/V)	0.23	NA	NA	NA	24.6	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	0.26	NA	NA	NA	0.26	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	4.35	NA	NA	NA	0.20	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA
1,2-Dichloroethane	ppb (V/V)	0.19	NA	NA	NA	0.19	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	1.77	NA	NA	NA	0.18	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA
2-Butanone	ppb (V/V)	**0.82**	NA	NA	NA	0.56	NA	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.17	NA	NA	NA	0.17	NA	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	0.21	NA	NA	NA	0.21	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA
Chloroform	ppb (V/V)	0.23	NA	NA	NA	0.23	NA	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA
Dichlorodifluoromethane	ppb (V/V)	**0.94**	NA	NA	NA	518	NA	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA
Ethylbenzene	ppb (V/V)	1.32	NA	NA	NA	0.17	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	0.26	NA	NA	NA	0.26	NA	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA
Methylene Chloride	ppb (V/V)	**0.98**	NA	NA	NA	1.73	NA	NA
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	0.35	NA	NA
o-Xylene	ppb (V/V)	3.28	NA	NA	NA	0.19	NA	NA
p + m-Xylene	ppb (V/V)	2.92	NA	NA	NA	0.37	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA
Styrene	ppb (V/V)	0.54	NA	NA	NA	0.16	NA	NA
Tetrachloroethene	ppb (V/V)	13.9	NA	NA	NA	62.3	NA	NA
Toluene	ppb (V/V)	1.54	NA	NA	NA	1.32	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	0.15	NA	NA
Trichloroethene	ppb (V/V)	0.58	NA	NA	NA	4.07	NA	NA
Trichlorofluoromethane	ppb (V/V)	0.2	NA	NA	NA	24.6	NA	NA

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009	Jan 2010
Carbon Dioxide, CO_2	V%	0.2	0.1	0.1	0.1	0.1	0.1	0.2
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	78.6	79.0	80.5	81.2	81.8	81.0	82.2
Oxygen, O_2	V%	19.9	20.6	19.5	18.7	18.3	19.4	17.8
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	0.21	NA	NA	NA	0.21	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	0.15	NA	NA	NA	**1.93**	NA
1,1-Dichloroethane	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
1,1-Dichloroethene	ppb (V/V)	NA	0.23	NA	NA	NA	0.23	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	0.28	NA	NA	NA	0.28	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	0.26	NA	NA	NA	0.26	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
1,2-Dichlorobenzene	ppb (V/V)	NA	0.18	NA	NA	NA	0.18	NA
1,2-Dichloroethane	ppb (V/V)	NA	0.19	NA	NA	NA	0.19	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	9.91	NA	NA	NA	9.91	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	0.18	NA	NA	NA	0.18	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	0.18	NA	NA	NA	0.18	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	0.18	NA	NA	NA	0.18	NA
2-Butanone	ppb (V/V)	NA	0.56	NA	NA	NA	0.56	NA
2-Chlorotoluene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
4-Isopropyltoluene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	0.17	NA	NA	NA	0.54	NA
Bromomethane	ppb (V/V)	NA	0.21	NA	NA	NA	0.21	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	NA	0.21	NA	NA	NA	0.21	NA
Chlorodifluoromethane	ppb (V/V)	NA	0.25	NA	NA	NA	0.25	NA
Chloroform	ppb (V/V)	NA	0.23	NA	NA	NA	0.23	NA
Chloromethane	ppb (V/V)	NA	0.18	NA	NA	NA	0.18	NA
Dichlorodifluoromethane	ppb (V/V)	NA	157	NA	NA	NA	582	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.25	NA	NA	NA	0.25	NA
Ethylbenzene	ppb (V/V)	NA	0.17	NA	NA	NA	0.17	NA
Hexachloro-1,3-butadiene	ppb (V/V)	NA	0.26	NA	NA	NA	0.26	NA
Isopropylbenzene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
Methylene Chloride	ppb (V/V)	NA	0.20	NA	NA	NA	11.2	NA
Naphthalene	ppb (V/V)	NA	0.35	NA	NA	NA	0.35	NA
o-Xylene	ppb (V/V)	NA	0.19	NA	NA	NA	0.19	NA
p + m-Xylene	ppb (V/V)	NA	0.37	NA	NA	NA	1.10	NA
sec-Butylbenzene	ppb (V/V)	NA	0.20	NA	NA	NA	0.20	NA
Styrene	ppb (V/V)	NA	0.16	NA	NA	NA	0.16	NA
Tetrachloroethene	ppb (V/V)	NA	35.5	NA	NA	NA	63.6	NA
Toluene	ppb (V/V)	NA	5.30	NA	NA	NA	3.97	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	0.15	NA	NA	NA	0.15	NA
Trichloroethene	ppb (V/V)	NA	1.91	NA	NA	NA	2.54	NA
Trichlorofluoromethane	ppb (V/V)	NA	9.05	NA	NA	NA	25.1	NA

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011	Nov 2011
Carbon Dioxide, CO_2	V%	0.2	0.1	0.1	0.1	0.2	0.1	0.1
Methane, CH_4	V%	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	82.7	81.3	83.3	86.3	89.8	79.3	80.6
Oxygen, O_2	V%	19.3	18.7	16.6	13.6	10.0	20.7	19.5
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013	Aug 2013
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Methane, CH_4	V%	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Nitrogen, N_2	V%	82.2	79.9	80.3	81.3	80.4	82.8	80.3
Oxygen, O_2	V%	17.6	20.1	19.7	18.7	19.8	17.2	19.7
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-17 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-1D
TOTAL DEPTH: 106 ft.

ANALYTE	UNIT	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.0	0.0	0.0	0.100	0.127	0.130	0.0	0.75
Methane, CH_4	V%	0.3	0.4	0.4	0.100	0.0794	0.0715	0.0	0.4
Nitrogen, N_2	V%	83.0	83.1	83.3	79.0	78.7	4.55	64	89.8
Oxygen, O_2	V%	16.7	16.5	16.3	20.0	20.0	2.95	10.0	28
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	5.00	9.26	20.0	0.21	**100**
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	5.00	51.9	178	0.15	**24**
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	5.00	9.13	14.8	0.20	24
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	5.00	16.9	41.5	0.23	**200**
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	0.280	1.46	2.19	NC	NC
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	5.00	97.7	595	0.22	60
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	6.10	20.0	73.9	0.20	20
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	NA	5.00	99.8	609	0.18	**12**
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	5.00	15.2	40.8	0.19	**200**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	6.30	111	383	0.25	**200**
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	5.00	96.7	595	0.18	**9.0**
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	5.00	101	609	0.18	**12**
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	5.00	100.0	609	0.18	**14**
2-Butanone	ppb (V/V)	NA	NA	NA	0.690	0.970	0.517	0.56	**1.7**
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	0.200	1.40	2.22	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	5.00	24.7	79.7	0.20	78
Acetone	ppb (V/V)	NA	NA	NA	9.10	9.10	0.0	9.1	9.1
Benzene	ppb (V/V)	NA	NA	NA	5.20	25.1	75.2	0.17	70
Bromomethane	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.21	**6.2**
Carbon disulfide	ppb (V/V)	NA	NA	NA	2.50	2.50	0.0	2.5	2.5
Chlorobenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.21	49
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	12.4	39.4	91.5	0.2	120
Chloroform	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.23	**200**
Chloromethane	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.18	300
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	51.0	436	980	**0.94**	4700
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.2	34
Ethylbenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.17	**40**
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.26	**9.7**
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	NC	NC
Methylene Chloride	ppb (V/V)	NA	NA	NA	10.0	74.7	192	0.20	600
Naphthalene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.2	**5.1**
o-Xylene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.19	**60**
p + m-Xylene	ppb (V/V)	NA	NA	NA	10.0	29.9	75.1	0.37	**100**
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	NC	NC
Styrene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.16	**50**
Tetrachloroethene	ppb (V/V)	NA	NA	NA	23.0	59.2	85.8	5.0	363
Toluene	ppb (V/V)	NA	NA	NA	12.0	47.1	108	1.32	400
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NC	NC	NC	NC	NC
Trichloroethene	ppb (V/V)	NA	NA	NA	5.00	18.5	42.9	**0.3**	**200**
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	7.10	15.6	21.2	0.2	**100**

TABLE 5-18
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997
Carbon Dioxide, CO_2	V%	1.0	1.0	0.1	1.4	0.9	0.1	1.9
Methane, CH_4	V%	0.1	0.1	0.0033	0.2	0.1620	0.0014	0.123
Nitrogen, N_2	V%	82.3	82.5	75.0	83.0	79.8	75.2	83.9
Oxygen, O_2	V%	16.7	16.5	19.7	16.4	15.4	20.6	15.9
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	10	6.6	**9**	**7.8**	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	1500	1500	6.0	228	285	6.0	172
1,1-Dichloroethane	ppb (V/V)	10	10	10.9	63	87	10.9	59
1,1-Dichloroethene	ppb (V/V)	20	20	9.6	9.6	9.6	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	20	20	6.1	24	6.1	6.1	6.1
1,2-Dichloroethane	ppb (V/V)	30	30	8.9	8.9	8.9	8.9	8.9
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1690	2000	**7.4**	1640	1070	6.3	1470
1,3,5-Trimethylbenzene	ppb (V/V)	20	20	8.5	8.5	8.5	8.5	8.5
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	7.6	7.6	7.6	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20	20	20.6	20.6	20.6	20.6	20.6
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	12.9	12.9	12.9	12.9	12.9
Chloroform	ppb (V/V)	10	10	6.1	**7**	**8.4**	6.1	6.1
Chloromethane	ppb (V/V)	40	40	26.1	26.1	26.1	26.1	26.1
Dichlorodifluoromethane	ppb (V/V)	19000	23000	278	26500	26000	96	21000
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	10	15.2	**16**	15.2	15.2	15.2
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	1400	1000	6.5	408	521	6.5	299
Naphthalene	ppb (V/V)	NR	NR	13.7	13.7	13.7	13.7	13.7
o-Xylene	ppb (V/V)	20	20	11.5	33	11.5	11.5	11.5
p + m-Xylene	ppb (V/V)	40	**50**	26.2	83	26.2	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	30	30	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	600	800	4.4	501	1480	29	957
Toluene	ppb (V/V)	10	**100**	14.8	93	14.8	14.8	14.8
trans-1,2-Dichloroethene	ppb (V/V)	20	20	8.6	**10**	11	8.6	8.6
Trichloroethene	ppb (V/V)	20	**90**	5.2	68.0	115.0	5.2	139
Trichlorofluoromethane	ppb (V/V)	600	800	7.1	923	896	7.1	707
Vinyl Chloride	ppb (V/V)	20	20	13.5	13.5	13.5	13.5	13.5

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999
Carbon Dioxide, CO_2	V%	1.5	1.1	1.1	1.3	1.5	0.1	1.4
Methane, CH_4	V%	0.0429	0.003	0.001	0.030	0.091	0.001	0.1
Nitrogen, N_2	V%	79.0	75.5	74.6	76.9	83.8	78.8	83
Oxygen, O_2	V%	18.2	19.5	14.7	17.5	15.7	21.1	16
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	6.6	6.6	6.6	33	6.6	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	61	66	245	288	281	5.7	115
1,1-Dichloroethane	ppb (V/V)	19	10.9	90	54.5	38	10.9	27
1,1-Dichloroethene	ppb (V/V)	9.6	9.6	9.6	9.6	9.6	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	6.1	**6.3**	**10.7**	30.5	6.1	6.1	6.1
1,2-Dichloroethane	ppb (V/V)	8.9	8.9	8.9	44.5	8.9	8.9	8.9
1,2-Dichlorotetrafluoroethane	ppb (V/V)	335	6.3	1090	941	2440	6.3	128
1,3,5-Trimethylbenzene	ppb (V/V)	8.5	**8.5**	**8.5**	42.5	8.5	8.5	8.5
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	7.6	7.6	32	38	7.6	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20.6	20.6	20.6	103.0	20.6	20.6	20.6
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	12.4	1400	707	436	12.4	12.4
Chloroethane	ppb (V/V)	12.9	12.9	12.9	12.9	12.9	12.9	12.9
Chloroform	ppb (V/V)	**9.6**	**6.5**	14	**42.8**	**9.9**	6.1	6.1
Chloromethane	ppb (V/V)	26.1	26.1	26.1	26.1	26.1	26.1	26.1
Dichlorodifluoromethane	ppb (V/V)	7480	1160	34500	15670	21458	**10.7**	3763
Dichlorofluoromethane	ppb (V/V)	NA	10.5	142	52.5	334	10.5	10.5
Ethylbenzene	ppb (V/V)	15.2	15.2	15.2	76	15.2	15.2	15.2
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	208	6.5	762	650	286	6.5	100
Naphthalene	ppb (V/V)	13.7	13.7	13.7	68.5	13.7	13.7	13.7
o-Xylene	ppb (V/V)	11.5	11.5	11.5	57.5	11.5	11.5	11.5
p + m-Xylene	ppb (V/V)	26.2	26.2	26.2	131	26.2	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	565	96	2340	1223	2004	33	1170
Toluene	ppb (V/V)	27	26	21	136	**19.3**	**18.9**	14.8
trans-1,2-Dichloroethene	ppb (V/V)	8.6	8.6	15	43	8.6	8.6	8.6
Trichloroethene	ppb (V/V)	57	**9.0**	114	80	276	5.2	69
Trichlorofluoromethane	ppb (V/V)	892	7.1	696	509	723	7.1	347
Vinyl Chloride	ppb (V/V)	13.5	13.5	13.5	13.5	13.5	13.5	13.5

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001
Carbon Dioxide, CO_2	V%	1.5	1.6	1.5	1.7	1.9	1.6	1.7
Methane, CH_4	V%	0.64	0.1	0.18	0.1	0.2	0.1	0.2
Nitrogen, N_2	V%	70.9	83.1	81.7	80	82	82	79
Oxygen, O_2	V%	14.5	12.4	13.6	14	13	14	13
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	**3000**	10	10	**1.7**	**22**	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	20000	10	**130**	160	68	210	160
1,1-Dichloroethane	ppb (V/V)	2000	**21**	**29**	16	**9.7**	46	38
1,1-Dichloroethene	ppb (V/V)	2000	10	10	10	**8.5**	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	10000	50	50	5.0	**16**	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	**3000**	10	10	1.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**3000**	1600	1700	100	380	250	440
1,3,5-Trimethylbenzene	ppb (V/V)	10000	50	50	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	10000	50	50	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	10000	50	50	5.0	5.0	**11**	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	10000	1200	1400	450	590	580	950
Chloroethane	ppb (V/V)	12.9	10	10	10	10	10	10
Chloroform	ppb (V/V)	**5000**	10	10	4.5	**22**	**17**	**7.9**
Chloromethane	ppb (V/V)	10000	50	50	5.0	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	130000	16000	32000	23000	6700	8600	9300
Dichlorofluoromethane	ppb (V/V)	10000	340	180	1500	64	330	390
Ethylbenzene	ppb (V/V)	10000	50	50	5.0	**8.3**	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	20000	100	100	29	10	140	150
Naphthalene	ppb (V/V)	10000	50	50	5.0	**6.3**	5.0	5.0
o-Xylene	ppb (V/V)	10000	50	50	5.0	**7.2**	5.0	5.0
p + m-Xylene	ppb (V/V)	10000	50	50	5.0	**18**	**14**	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	10000	50	50	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	**4000**	480	230	380	1700	1300	1900
Toluene	ppb (V/V)	10000	50	50	5.0	**13**	5.0	5.0
trans-1,2-Dichloroethene	ppb (V/V)	4000	20	20	2.0	5.0	5.0	5.0
Trichloroethene	ppb (V/V)	**3000**	72	79	64	32	130	120
Trichlorofluoromethane	ppb (V/V)	**3000**	400	430	660	540	920	850
Vinyl Chloride	ppb (V/V)	13.5	50	50	5.0	5.0	5.0	5.0

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	2.3	1.6	1.7	2.0	1.6	2.2	0.10
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.10	0.10	0.10
Nitrogen, N_2	V%	77	78	77	87	85	85	76
Oxygen, O_2	V%	17	14	16	16	15	14	16
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	**13**	**5.8**	**5.4**	**8.3**	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	100	56	120	180	5.0	5.0	61
1,1-Dichloroethane	ppb (V/V)	**17**	28	26	**21**	**8.8**	**11**	**8.0**
1,1-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	**11**	5.0	**7.0**	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	**16**	5.0	**5.3**	**9.4**	5.0	5.0	**12**
1,2-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	270	200	330	260	350	280	130
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	**5.1**	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**17**	5.0	**5.4**	**7.3**	5.0	**17**	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	620	250	320	510	75	370	96
Chloroethane	ppb (V/V)	10	10	10	10	10	10	10
Chloroform	ppb (V/V)	**15**	**11**	**12**	**18**	**6.9**	**9.7**	**11**
Chloromethane	ppb (V/V)	5.0	5.0	5.0	**58**	50	59	50
Dichlorodifluoromethane	ppb (V/V)	5500	5600	5100	10000	3400	5100	1800
Dichlorofluoromethane	ppb (V/V)	130	120	170	170	78	72	47
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	68	52	85	170	1200	**41**	120
Naphthalene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
o-Xylene	ppb (V/V)	**7.6**	5.0	**6.4**	**9.2**	5.0	5.0	5.0
p + m-Xylene	ppb (V/V)	26	5.0	**8.0**	**14**	5.0	5.0	**6.4**
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	**5.9**	5.0	5.0	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	1000	2500	870	1400	620	1200	1000
Toluene	ppb (V/V)	25	5.0	**6.8**	29	**18**	30	33
trans-1,2-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Trichloroethene	ppb (V/V)	54	100	90	83	36	41	43
Trichlorofluoromethane	ppb (V/V)	470	420	620	1100	200	390	220
Vinyl Chloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	2.3	2.9	2.1	NA	0.75	1.6	1.85
Methane, CH_4	V%	0.10	0.10	0.10	NA	0.10	0.10	0.10
Nitrogen, N_2	V%	76	74	77	NA	74	77	77
Oxygen, O_2	V%	12	17	17	NA	21	19	18
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	120	180	110	NA	41	72	150
1,1-Dichloroethane	ppb (V/V)	**14**	**15**	**7.8**	NA	5.0	5.0	**11**
1,1-Dichloroethene	ppb (V/V)	10	**17**	5.0	NA	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	NA	**7.9**	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	340	500	5.0	NA	740	1190	2440
1,3,5-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	NA	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	10	5.0	5.0	NA	5.0	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**21**[(4)]	**8.2**	5.0	NA	**7.1**	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	250	**820**	NA	NA	90	NA	110
Chloroethane	ppb (V/V)	10	10	10	NA	10	10	10
Chloroform	ppb (V/V)	63	**28**	**10**	NA	**10**	5.0	**5.8**
Chloromethane	ppb (V/V)	100	50	25	NA	25	25	25
Dichlorodifluoromethane	ppb (V/V)	6500	**8000**	6880	NA	3000	5150	8700
Dichlorofluoromethane	ppb (V/V)	130	120	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	5.0	5.0	NA	**5.8**	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Methylene Chloride	ppb (V/V)	**52**	**70**	25	NA	25	25	25
Naphthalene	ppb (V/V)	10	5.0	5.0	NA	5.0	NA	NA
o-Xylene	ppb (V/V)	10	5.0	5.0	NA	**8.0**	5.0	5.0
p + m-Xylene	ppb (V/V)	10	5.0	**5.4**	NA	**9.4**	5.0	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Styrene	ppb (V/V)	10	5.0	5.0	NA	**7.0**	5.0	5.0
Tetrachloroethene	ppb (V/V)	1700	**2100**	1020	NA	270	220	910
Toluene	ppb (V/V)	**11**	5.0	41	NA	51	5.0	**12**
trans-1,2-Dichloroethene	ppb (V/V)	10	5.0	5.0	NA	5.0	NA	NA
Trichloroethene	ppb (V/V)	67	62	5.0	NA	5.0	5.0	34
Trichlorofluoromethane	ppb (V/V)	500	610	310	NA	100	170	370
Vinyl Chloride	ppb (V/V)	5.0	5.0	5.0	NA	5.0	5.0	5.0

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	1.4	0.169	3.49	11.2	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.009	0.000030	0.00010	0.10	0.1	0.1	0.1
Nitrogen, N_2	V%	76	77.5	77.6	76.9	80.0	80.1	80.1	80.2
Oxygen, O_2	V%	20	22.3	18.9	11.9	20.0	20.1	19.3	19.7
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	5.0	0.67	1.0	1.3	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	64	8.7	25	60	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	5.0	1.1	5.9	8.0	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	2.1	1.3	0.5	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1030	16	96	82	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	1.7	0.18	**0.3**	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	**0.4**	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	**1.4**	**1.7**	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	9.7	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	5.5	0.17	1.0	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	2.5	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	130	0.2	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	10	0.69	0.3	0.3	NA	NA	NA	NA
Chloroform	ppb (V/V)	**7.5**	2.2	3.8	5.3	NA	NA	NA	NA
Chloromethane	ppb (V/V)	**66**	6.7	1.6	0.18	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	3800	210	4300	624	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	5.0	0.17	**0.4**	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	4.5	0.2	3.3	NA	NA	NA	NA
Naphthalene	ppb (V/V)	5.0	0.2	NA	0.35	NA	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	7.9	0.62	0.8	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	20	1.5	1.3	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.62	0.75	1.5	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	420	56	1600	571	NA	NA	NA	NA
Toluene	ppb (V/V)	**21**	38	1.8	3.3	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	0.2	0.15	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	2.7	11	15	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	140	24	28	135	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	5.0	0.55	0.17	0.17	NA	NA	NA	NA

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008	May 2008	Aug 2008
Carbon Dioxide, CO_2	V%	19.3	0.2	0.10	0.3	0.010	0.1	0.1	0.1
Methane, CH_4	V%	0.000030	0.1	0.1	0.1	0.0010	0.1	0.1	0.1
Nitrogen, N_2	V%	62.3	81.0	79.7	80.2	78.7	79.7	80.1	80.6
Oxygen, O_2	V%	18.5	18.8	20.2	19.4	20.9	20.2	19.9	19.4
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	1.14	NA	NA	NA	0.21	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	36.7	NA	NA	NA	14.7	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	4.5	NA	NA	NA	7.14	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	0.23	NA	NA	NA	1.66	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.66	NA	NA	NA	0.20	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	0.19	NA	NA	NA	0.19	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	38.1	NA	NA	NA	51.0	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	2.31	NA	NA	NA	0.18	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA	NA
2-Butanone	ppb (V/V)	2.05	NA	NA	NA	0.56	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.82	NA	NA	NA	1.01	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA	NA
Chloroethane	ppb (V/V)	0.3	NA	NA	NA	0.3	NA	NA	NA
Chloroform	ppb (V/V)	6.32	NA	NA	NA	5.74	NA	NA	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	534	NA	NA	NA	1100	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA	NA
Ethylbenzene	ppb (V/V)	3.49	NA	NA	NA	0.17	NA	NA	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
Methylene Chloride	ppb (V/V)	**0.70**	NA	NA	NA	6.44	NA	NA	NA
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	0.35	NA	NA	NA
o-Xylene	ppb (V/V)	6.63	NA	NA	NA	0.19	NA	NA	NA
p + m-Xylene	ppb (V/V)	7.58	NA	NA	NA	0.37	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
Styrene	ppb (V/V)	**1.36**	NA	NA	NA	0.16	NA	NA	NA
Tetrachloroethene	ppb (V/V)	706	NA	NA	NA	680	NA	NA	NA
Toluene	ppb (V/V)	5.97	NA	NA	NA	33.0	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	0.15	NA	NA	NA
Trichloroethene	ppb (V/V)	11.7	NA	NA	NA	7.37	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	90.4	NA	NA	NA	67.6	NA	NA	NA
Vinyl Chloride	ppb (V/V)	0.17	NA	NA	NA	0.17	NA	NA	NA

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009	Jan 2010
Carbon Dioxide, CO_2	V%	1.10	0.1	0.3	0.2	1.46	1.2
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	79.4	80.6	79.1	81.7	80.9	80.9
Oxygen, O_2	V%	18.3	19.4	20.6	18.2	17.8	17.9
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,1-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.89	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	19.4	NA	NA	NA	20.1	NA
1,1-Dichloroethane	ppb (V/V)	0.20	NA	NA	NA	2.86	NA
1,1-Dichloroethene	ppb (V/V)	0.23	NA	NA	NA	0.23	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28	NA
1,2,4-Trimethylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
1,2-Dichloroethane	ppb (V/V)	0.19	NA	NA	NA	0.19	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	42.7	NA	NA	NA	55.1	NA
1,3,5-Trimethylbenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA
2-Butanone	ppb (V/V)	0.56	NA	NA	NA	3.99	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.17	NA	NA	NA	0.51	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Chloroethane	ppb (V/V)	0.3	NA	NA	NA	0.3	NA
Chloroform	ppb (V/V)	9.07	NA	NA	NA	7.48	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA
Dichlorodifluoromethane	ppb (V/V)	963	NA	NA	NA	962	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Ethylbenzene	ppb (V/V)	0.17	NA	NA	NA	0.17	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Methylene Chloride	ppb (V/V)	7.72	NA	NA	NA	17.4	NA
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	0.35	NA
o-Xylene	ppb (V/V)	0.19	NA	NA	NA	0.19	NA
p + m-Xylene	ppb (V/V)	0.37	NA	NA	NA	0.37	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Styrene	ppb (V/V)	0.16	NA	NA	NA	0.16	NA
Tetrachloroethene	ppb (V/V)	324	NA	NA	NA	710	NA
Toluene	ppb (V/V)	19.4	NA	NA	NA	20.9	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	0.15	NA
Trichloroethene	ppb (V/V)	5.87	NA	NA	NA	5.27	NA
Trichlorofluoromethane	ppb (V/V)	65.9	NA	NA	NA	80.3	NA
Vinyl Chloride	ppb (V/V)	0.17	NA	NA	NA	0.17	NA

TABLE 5-18 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2S
TOTAL DEPTH: 98 ft.

ANALYTE	UNIT	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011	Nov 2011	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.1	0.2	0.1	0.1	0.2	0.2	0.1	1.10	1.70	3.51	0.010	19.3
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.100	0.105	0.107	0.000030	0.64
Nitrogen, N_2	V%	80.0	81.1	83.5	85.5	88.3	79.9	79.4	79.9	79.2	4.59	62.3	88.3
Oxygen, O_2	V%	19.8	18.7	16.4	14.4	11.5	19.9	20.6	17.9	17.3	2.85	11.5	22.3
VOLATILE ORGANIC COMPOUNDS BY TO-14													
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	6.20	143	631	0.21	**3000**
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	86.0	619	3005	5.0	288
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	11.0	67.3	299	0.20	90
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	9.05	52.7	300	0.23	**17**
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	6.10	237	1506	0.20	24
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	5.00	144	631	0.19	**3000**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	333	722	860	5.0	**3000**
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	5.00	236	1506	0.18	**8.5**
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	0.180	0.243	0.107	0.18	**0.4**
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	1.55	1.85	1.44	0.56	3.99
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	5.00	266	1600	0.20	32
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	9.70	9.70	0.0	9.7	9.7
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	8.20	247	1523	0.17	**17**
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	2.50	2.50	0.0	2.5	2.5
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	285	712	1753	0.2	1400
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.3	0.69
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	9.34	238	1051	2.2	**5000**
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.18	**66**
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	6050	14608	27122	**10.7**	130000
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	99.0	530	1827	0.2	1500
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.17	**16**
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	60.0	673	3005	0.2	1400
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.2	**6.3**
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	7.75	239	1506	0.19	33
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	14.0	249	1504	0.37	83
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.16	**7.0**
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	835	1038	927	4.4	**4000**
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	19.1	255	1504	1.8	136
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.15	15
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	48.5	187	623	2.7	**3000**
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	410	524	631	7.1	**3000**
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.17	0.55

TABLE 5-19
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997
Carbon Dioxide, CO_2	V%	0.9	1.1	0.1	1.6	0.4	0.9	1.4
Methane, CH_4	V%	0.1	0.1	0.0010	0.0505	0.0347	0.0031	0.0268
Nitrogen, N_2	V%	79.2	79.8	77.2	78.1	77.5	77.4	79.1
Oxygen, O_2	V%	19.9	19.1	20.5	18.0	19.4	20.0	17.0
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	10	6.6	6.6	6.6	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	1500	1500	6.0	86	82	14	67
1,1,2-Trichloroethane	ppb (V/V)	20	20	6.1	6.1	6.1	6.1	6.1
1,1-Dichloroethane	ppb (V/V)	10	10	10.9	20	19	10.9	20
1,1-Dichloroethene	ppb (V/V)	20	20	9.6	9.6	9.6	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	20	20	4.8	4.8	4.8	4.8	4.8
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	34	6.1	6.1	6.1
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	6.0	6.0	6.0	6.0	6.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1690	2000	6.3	660	335	81	714
1,3,5-Trimethylbenzene	ppb (V/V)	20	20	8.5	8.5	8.5	8.5	8.5
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	10.6	10.6	10.6	10.6	10.6
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	6.6	6.6	6.6	6.6	6.6
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	7.6	7.6	7.6	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20	20	20.6	20.6	20.6	20.6	20.6
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	2500	2500	12.9	12.9	12.9	12.9	**13.1**
Chloroform	ppb (V/V)	10	10	6.1	**9**	6.1	6.1	10
Chloromethane	ppb (V/V)	40	40	26.1	26.1	26.1	26.1	26.1
Dichlorodifluoromethane	ppb (V/V)	3000	9100	83	11150	8700	1467	10600
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	10	15.2	15.2	15.2	15.2	15.2
Hexachloro-1,3-butadiene	ppb (V/V)	10	10	3.2	3.2	3.2	3.2	3.2
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	700	200	6.5	75	46	6.5	39
Naphthalene	ppb (V/V)	NR	NR	13.7	13.7	13.7	13.7	13.7
o-Xylene	ppb (V/V)	20	20	11.5	34	11.5	11.5	11.5
p + m-Xylene	ppb (V/V)	40	**40**	26.2	79	26.2	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	30	30	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	500	500	4.4	589	502	117	579
Toluene	ppb (V/V)	10	**70**	14.8	78	14.8	14.8	14.8
trans-1,2-Dichloroethene	ppb (V/V)	20	20	8.6	8.6	8.6	8.6	8.6
Trichloroethene	ppb (V/V)	20	**30**	5.2	37	**6.6**	16	69
Trichlorofluoromethane	ppb (V/V)	**200**	300	7.1	362	277	53	352
Vinyl Chloride	ppb (V/V)	30	30	13.5	13.5	13.5	13.5	13.5

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999
Carbon Dioxide, CO_2	V%	1.9	1.4	0.6	1.2	1.1	0.1	1.8
Methane, CH_4	V%	0.0314	0.003	0.001	0.018	0.037	0.001	0.1
Nitrogen, N_2	V%	77.6	76.3	71.4	80.5	81.5	75.6	81
Oxygen, O_2	V%	18.0	19.1	17.7	18.2	18.8	20.3	17
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	6.6	6.6	6.6	**7.0**	6.6	6.6	6.6
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	57	135	47	164	80	5.7	557
1,1,2-Trichloroethane	ppb (V/V)	6.1	6.1	6.1	6.1	6.1	6.1	6.1
1,1-Dichloroethane	ppb (V/V)	16	10.9	22	36	**11.7**	10.9	**12**
1,1-Dichloroethene	ppb (V/V)	9.6	9.6	9.6	9.6	9.6	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	4.8	4.8	4.8	4.8	4.8	4.8	4.8
1,2,4-Trimethylbenzene	ppb (V/V)	6.1	**8.5**	**7.8**	**7.6**	6.1	6.1	6.1
1,2-Dichlorobenzene	ppb (V/V)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	296	6.3	146	739	607	6.3	68
1,3,5-Trimethylbenzene	ppb (V/V)	8.5	8.5	8.5	8.5	8.5	8.5	8.5
1,3-Dichlorobenzene	ppb (V/V)	10.6	10.6	10.6	10.6	10.6	10.6	10.6
1,4-Dichlorobenzene	ppb (V/V)	6.6	6.6	6.6	6.6	6.6	6.6	6.6
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	7.6	7.6	25	7.6	7.6	7.6	7.6
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20.6	20.6	20.6	20.6	20.6	20.6	20.6
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	NA	12.4	221	470	93	12.4	12.4
Chloroethane	ppb (V/V)	12.9	12.9	12.9	12.9	12.9	12.9	12.9
Chloroform	ppb (V/V)	14	13	**6.9**	20	11	6.1	10
Chloromethane	ppb (V/V)	26.1	26.1	26.1	26.1	26.1	26.1	26.1
Dichlorodifluoromethane	ppb (V/V)	7036	3320	6520	13534	5990	193	1968
Dichlorofluoromethane	ppb (V/V)	NA	10.5	35	96	56	10.5	10.5
Ethylbenzene	ppb (V/V)	15.2	15.2	15.2	15.2	15.2	15.2	15.2
Hexachloro-1,3-butadiene	ppb (V/V)	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	68	6.5	35	120	28	6.5	32
Naphthalene	ppb (V/V)	13.7	13.7	13.7	13.7	13.7	13.7	13.7
o-Xylene	ppb (V/V)	11.5	11.5	11.5	11.5	11.5	11.5	11.5
p + m-Xylene	ppb (V/V)	26.2	26.2	26.2	26.2	26.2	26.2	26.2
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Tetrachloroethene	ppb (V/V)	518	302	497	1350	882	44	931
Toluene	ppb (V/V)	30	**19.7**	14.8	30	14.8	14.8	14.8
trans-1,2-Dichloroethene	ppb (V/V)	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Trichloroethene	ppb (V/V)	35	15	19	54	113	5.2	40
Trichlorofluoromethane	ppb (V/V)	835	7.1	175	398	196	7.1	172
Vinyl Chloride	ppb (V/V)	13.5	13.5	13.5	13.5	13.5	13.5	13.5

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001
Carbon Dioxide, CO_2	V%	1.2	0.95	2.7	2.0	3.3	1.3	0.9
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	63.0	77.8	78.9	78	78	81	77
Oxygen, O_2	V%	17.0	19.9	15.3	15	15	18	17
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	400	10	10	4.2	**23**	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	4000	10	10	79	70	58	76
1,1,2-Trichloroethane	ppb (V/V)	4000	10	10	1.0	5.0	5.0	**6.3**
1,1-Dichloroethane	ppb (V/V)	400	10	10	7.5	**10**	5.0	**14**
1,1-Dichloroethene	ppb (V/V)	10	10	10	17	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	2000	50	50	5.0	**15**	5.0	5.0
1,2-Dichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**400**	440	860	99	1100	110	190
1,3,5-Trimethylbenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,3-Dichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	2000	50	50	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	2000	50	50	5.0	5.0	**13**	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	2000	340	530	240	39000	300	860
Chloroethane	ppb (V/V)	4000	100	100	10	5.0	5.0	5.0
Chloroform	ppb (V/V)	400	10	**12**	6.2	**24**	**11**	5.0
Chloromethane	ppb (V/V)	1400	10	10	1.0	50	50	50
Dichlorodifluoromethane	ppb (V/V)	16000	6600	11000	13000	13000	3300	4300
Dichlorofluoromethane	ppb (V/V)	2000	59	50	460	65	52	110
Ethylbenzene	ppb (V/V)	2000	50	50	5.0	**7.6**	5.0	5.0
Hexachloro-1,3-butadiene	ppb (V/V)	1600	20	20	2.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	4000	100	100	10	10	**18**	10
Naphthalene	ppb (V/V)	2000	50	50	5.0	**5.1**	5.0	5.0
o-Xylene	ppb (V/V)	2000	50	50	5.0	**7.3**	5.0	5.0
p + m-Xylene	ppb (V/V)	2000	50	50	5.0	**18**	5.0	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	**500**	240	86	270	3100	590	550
Toluene	ppb (V/V)	2000	50	50	5.0	**13**	5.0	5.0
trans-1,2-Dichloroethene	ppb (V/V)	1600	20	20	2.0	5.0	5.0	5.0
Trichloroethene	ppb (V/V)	400	32	**28**	30	32	26	33
Trichlorofluoromethane	ppb (V/V)	400	150	320	540	560	340	480
Vinyl Chloride	ppb (V/V)	4000	50	50	5.0	5.0	5.0	5.0

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	1.2	1.4	1.5	1.5	0.33	0.84	0.1
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	77	76	75	77	80	78	75
Oxygen, O_2	V%	18	18	22	20	26	15	20
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	**5.5**	**7.6**	**5.5**	**6.2**	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	42	**22**	33	55	5.0	5.0	**13**
1,1,2-Trichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	**7.4**	**9.0**	**5.9**	**5.6**	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	**8.3**	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	**9.6**	5.0	5.0	**5.7**	5.0	5.0	**8.1**
1,2-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	86	110	160	130	32	39	26
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,3-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	**10**	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	580	79	65	70	30	**17**	**13**
Chloroethane	ppb (V/V)	5.0	5.0	10	10	10	10	10
Chloroform	ppb (V/V)	**6.7**	**10**	**11**	**13**	5.0	5.0	**5.2**
Chloromethane	ppb (V/V)	50	50	50	50	50	50	50
Dichlorodifluoromethane	ppb (V/V)	2500	1900	1600	5400	430	570	360
Dichlorofluoromethane	ppb (V/V)	45	29	**22**	**21**	**11**	5.0	5.0
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	10	10	**12**	**58**	10	10	80
Naphthalene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
o-Xylene	ppb (V/V)	5.0	5.0	**5.1**	**5.7**	5.0	5.0	5.0
p + m-Xylene	ppb (V/V)	**15**	5.0	**6.2**	**8.6**	5.0	5.0	**5.8**
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	550	990	400	680	160	230	240
Toluene	ppb (V/V)	5.0	5.0	**5.2**	**5.4**	5.0	5.0	**5.0**
trans-1,2-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Trichloroethene	ppb (V/V)	**20**	37	**17**	**21**	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	180	180	180	340	38	48	35
Vinyl Chloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	3.9	0.90	0.81	0.6	0.45	1.0	0.8
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.10	0.10	0.10
Nitrogen, N_2	V%	73	72	75	66	77	75	74
Oxygen, O_2	V%	17	19	21	20	22	20	20
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	10	69	**7.6**	32	28	33	28
1,1,2-Trichloroethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	10	5.0	**5.6**	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	10	5.0	5.0	**6.2**	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	5.0	5.0	120	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	37	**5.6**	5.0	5.0
1,2-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	46	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	80	110	5.0	150	520	440	360
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	26	5.0	5.0	5.0
1,3-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	45	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	49	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	NA
Acetone	ppb (V/V)	NA	NA	**53**	NA	NA	NA	NA
Benzene	ppb (V/V)	**15**[4]	5.0	5.0	**8.7**	5.0	5.0	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	**13**	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	5.0	5.0	5.0	**6.6**	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	170	5.0	5.0	5.0	26	NA	66
Chloroethane	ppb (V/V)	20	10	10	10	10	10	10
Chloroform	ppb (V/V)	250	**9.7**	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	100	50	25	25	5.0	25	25
Dichlorodifluoromethane	ppb (V/V)	1200	2300	330	1790	2000	1860	1170
Dichlorofluoromethane	ppb (V/V)	**13**	29	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	5.0	5.0	**19**	5.0	5.0	5.0
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	5.0	5.0	**9.7**	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Methylene Chloride	ppb (V/V)	200	**38**	25	25	25	25	25
Naphthalene	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	NA
o-Xylene	ppb (V/V)	10	5.0	5.0	**22**	5.0	**5.5**	5.0
p + m-Xylene	ppb (V/V)	10	5.0	5.0	26	**5.5**	**8.1**	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Styrene	ppb (V/V)	5.0	5.0	5.0	26	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	470	**560**	170	290	200	170	210
Toluene	ppb (V/V)	53	5.0	**8.9**	**24**	**23**	**24**	**11**
trans-1,2-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	**8.3**	5.0	NA	NA
Trichloroethene	ppb (V/V)	**10**	**12**	5.0	5.0	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	90	190	**15**	76	64	67	61
Vinyl Chloride	ppb (V/V)	5.0	5.0	5.0	**6.4**	5.0	5.0	5.0

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	0.75	0.172	1.80	14.1	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.012	0.00010	0.00010	0.10	0.1	0.000030	0.000030
Nitrogen, N_2	V%	75	81.4	75.0	69.3	80.1	79.9	80.7	80.0
Oxygen, O_2	V%	21	18.4	23.2	16.6	19.9	20.0	19.1	19.9
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	5.0	0.21	0.21	1.7	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	26	1.4	1.4	42	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	5.0	0.21	1.4	0.21	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	0.26	0.26	0.26	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	**0.61**	**0.62**	**0.4**	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	410	2.7	3.9	56	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	0.18	0.18	**0.3**	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	5.0	0.2	0.2	**0.4**	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	**1.6**	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	**1.7**	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	1.3	0.17	0.9	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	0.57	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	0.19	0.19	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	61	0.2	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	10	0.3	0.3	0.3	NA	NA	NA	NA
Chloroform	ppb (V/V)	**5.1**	0.52	0.52	11	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	0.18	0.18	0.18	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	1540	55	240	0.18	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	1.1	0.17	**0.4**	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	0.26	0.26	0.26	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	**0.85**	0.2	3.1	NA	NA	NA	NA
Naphthalene	ppb (V/V)	5.0	0.2	NA	0.35	NA	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	1.7	0.19	0.7	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	4.2	**0.65**	1.2	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.16	0.16	**1.5**	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	170	9.9	46	501	NA	NA	NA	NA
Toluene	ppb (V/V)	**8.8**	7.8	0.54	3.0	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	0.2	0.15	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	0.52	0.83	11	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	57	3.6	4.9	95	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	5.0	0.17	0.17	0.17	NA	NA	NA	NA

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007
Carbon Dioxide, CO_2	V%	22.0	0.5	0.10	1.8	0.540
Methane, CH_4	V%	0.000030	0.1	0.1	0.1	0.011
Nitrogen, N_2	V%	59.7	80.9	79.8	81.5	78.5
Oxygen, O_2	V%	18.3	18.6	20.1	16.5	20.7
VOLATILE ORGANIC COMPOUNDS BY TO-14						
1,1,1-Trichloroethane	ppb (V/V)	0.90	NA	NA	NA	0.21
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	9.14	NA	NA	NA	8.20
1,1,2-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.21
1,1-Dichloroethane	ppb (V/V)	1.35	NA	NA	NA	1.39
1,1-Dichloroethene	ppb (V/V)	0.23	NA	NA	NA	0.23
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28
1,2,4-Trichlorobenzene	ppb (V/V)	0.26	NA	NA	NA	0.26
1,2,4-Trimethylbenzene	ppb (V/V)	1.25	NA	NA	NA	0.87
1,2-Dichlorobenzene	ppb (V/V)	0.19	NA	NA	NA	0.19
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	NA	NA	NA	28.3
1,3,5-Trimethylbenzene	ppb (V/V)	0.67	NA	NA	NA	0.18
1,3-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18
2-Butanone	ppb (V/V)	0.56	NA	NA	NA	0.56
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20
4-Isopropyltoluene	ppb (V/V)	0.2	NA	NA	NA	0.2
Acetone	ppb (V/V)	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.25	NA	NA	NA	**0.49**
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	0.19	NA	NA	NA	0.19
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25
Chloroethane	ppb (V/V)	0.3	NA	NA	NA	0.3
Chloroform	ppb (V/V)	4.19	NA	NA	NA	2.69
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	0.18
Dichlorodifluoromethane	ppb (V/V)	155	NA	NA	NA	560
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25
Ethylbenzene	ppb (V/V)	0.83	NA	NA	NA	0.17
Hexachloro-1,3-butadiene	ppb (V/V)	0.26	NA	NA	NA	0.26
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20
Methylene Chloride	ppb (V/V)	0.20	NA	NA	NA	0.20
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	0.35
o-Xylene	ppb (V/V)	1.22	NA	NA	NA	0.19
p + m-Xylene	ppb (V/V)	1.33	NA	NA	NA	0.60
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20
Styrene	ppb (V/V)	0.73	NA	NA	NA	0.16
Tetrachloroethene	ppb (V/V)	293	NA	NA	NA	343
Toluene	ppb (V/V)	0.2	NA	NA	NA	2.23
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	0.15
Trichloroethene	ppb (V/V)	3.74	NA	NA	NA	2.76
Trichlorofluoromethane	ppb (V/V)	1.14	NA	NA	NA	39.8
Vinyl Chloride	ppb (V/V)	0.17	NA	NA	NA	0.17

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Feb 2008	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.612	0.1	0.3	0.3
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	79.8	80.0	80.1	78.5	80.6	79.4	81.2
Oxygen, O_2	V%	20.1	19.9	19.8	20.1	19.4	20.3	18.5
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	0.21	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	3.69	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	0.21	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	0.20	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	0.23	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	0.28	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	0.26	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	0.20	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	NA	0.19	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	8.47	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	0.18	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	0.18	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	0.18	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	0.56	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	0.20	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	0.2	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	0.17	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	0.21	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	0.19	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	0.25	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	0.3	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	2.54	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	0.18	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	180	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	0.25	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	0.17	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NA	0.26	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	0.20	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	0.20	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	0.35	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	0.19	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	0.37	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	0.20	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	0.16	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	91.6	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	0.86	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	0.15	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	0.21	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	12.2	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	0.17	NA	NA	NA

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Nov 2009	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011
Carbon Dioxide, CO_2	V%	0.503	0.4	0.4	0.1	0.1	0.2	0.5
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	79.5	80.0	80.2	81.1	83.4	85.4	88.0
Oxygen, O_2	V%	20.0	19.5	19.4	18.9	16.5	14.4	11.5
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	4.84	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	0.23	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	0.26	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	0.19	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	14.5	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	2.94	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	0.2	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.17	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	0.19	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	0.3	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	2.33	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	270	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	0.17	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	0.26	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	15.1	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	0.19	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	0.37	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	0.16	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	184	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	2.42	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	19.7	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	0.17	NA	NA	NA	NA	NA	NA

TABLE 5-19 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-2D
TOTAL DEPTH: 150 ft.

ANALYTE	UNIT	Aug 2011	Nov 2011	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.1	0.1	0.681	1.67	4.05	0.1	22.0
Methane, CH_4	V%	0.1	0.1	0.100	0.0747	0.0410	0.000030	0.1
Nitrogen, N_2	V%	79.7	79.3	78.5	77.6	5.21	59.7	88.0
Oxygen, O_2	V%	20.3	20.7	19.4	18.9	2.52	11.5	26
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	5.50	14.9	58.9	0.21	**23**
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	33.0	214	660	1.4	557
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	5.00	94.2	595	0.21	**6.3**
1,1-Dichloroethane	ppb (V/V)	NA	NA	7.50	17.9	58.8	0.20	36
1,1-Dichloroethene	ppb (V/V)	NA	NA	5.00	7.12	4.96	0.23	17
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NC	NC	NC	NC	NC
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	5.00	101	595	0.26	120
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	5.65	57.0	307	0.20	37
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	5.00	101	609	0.18	46
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	110	321	446	0.25	1100
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	5.00	97.5	595	0.18	26
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	5.00	103	609	0.18	45
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	5.00	102	609	0.18	49
2-Butanone	ppb (V/V)	NA	NA	0.560	1.39	1.13	0.56	2.94
2-Chlorotoluene	ppb (V/V)	NA	NA	NC	NC	NC	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	5.00	58.1	315	0.2	25
Acetone	ppb (V/V)	NA	NA	NC	NC	NC	**1.7**	**53**
Benzene	ppb (V/V)	NA	NA	NC	NC	NC	0.17	**13**
Bromomethane	ppb (V/V)	NA	NA	NC	NC	NC	0.21	**13**
Carbon disulfide	ppb (V/V)	NA	NA	0.570	0.570	0.0	0.57	0.57
Carbon Tetrachloride	ppb (V/V)	NA	NA	NC	NC	NC	0.19	**6.6**
Chlorodifluoromethane	ppb (V/V)	NA	NA	63.0	2479	9275	0.2	39000
Chloroethane	ppb (V/V)	NA	NA	NC	NC	NC	0.3	**13.1**
Chloroform	ppb (V/V)	NA	NA	6.70	27.3	76.1	0.52	250
Chloromethane	ppb (V/V)	NA	NA	NC	NC	NC	0.18	1400
Dichlorodifluoromethane	ppb (V/V)	NA	NA	1968	4273	4812	0.18	16000
Dichlorofluoromethane	ppb (V/V)	NA	NA	21.5	122	372	0.2	460
Ethylbenzene	ppb (V/V)	NA	NA	NC	NC	NC	0.17	**19**
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NC	NC	NC	0.26	**9.7**
Isopropylbenzene	ppb (V/V)	NA	NA	NC	NC	NC	NC	NC
Methylene Chloride	ppb (V/V)	NA	NA	25.0	154	604	0.20	700
Naphthalene	ppb (V/V)	NA	NA	NC	NC	NC	0.2	**5.1**
o-Xylene	ppb (V/V)	NA	NA	5.50	54.7	297	0.19	34
p + m-Xylene	ppb (V/V)	NA	NA	8.60	62.0	296	0.37	79
sec-Butylbenzene	ppb (V/V)	NA	NA	NC	NC	NC	NC	NC
Styrene	ppb (V/V)	NA	NA	NC	NC	NC	0.16	26
Tetrachloroethene	ppb (V/V)	NA	NA	343	505	633	4.4	3100
Toluene	ppb (V/V)	NA	NA	11.0	61.6	296	0.2	78
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NC	NC	NC	0.15	**8.3**
Trichloroethene	ppb (V/V)	NA	NA	15.0	29.8	61.9	0.21	113
Trichlorofluoromethane	ppb (V/V)	NA	NA	150	195	210	1.14	835
Vinyl Chloride	ppb (V/V)	NA	NA	NC	NC	NC	0.17	**6.4**

TABLE 5-20
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997
Carbon Dioxide, CO_2	V%	62.1	47.6	0.1	40.9	54.2	10.9	56.1
Methane, CH_4	V%	12.4	11.8	0.1260	7.9700	17.9	4.0250	21.9
Nitrogen, N_2	V%	22.7	34.3	78.1	29.0	25.4	65.9	24.7
Oxygen, O_2	V%	2.8	6.3	20.8	4.3	3.9	17.2	2.6
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	3600	10	6.6	1980	1850	123	1330
1,1,2,2-Tetrachloroethane	ppb (V/V)	20	20	6.1	6.1	6.1	6.1	6.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	1500	1500	6.0	602	458	28	147
1,1,2-Trichloroethane	ppb (V/V)	20	20	12.5	12.5	12.5	12.5	12.5
1,1-Dichloroethane	ppb (V/V)	12000	10	10.9	11600	12300	714	8340
1,1-Dichloroethene	ppb (V/V)	500	20	9.6	1410	789	238	1390
1,2,3-Trichloropropane	ppb (V/V)	20	**20**	12.9	12.9	12.9	12.9	12.9
1,2,4-Trimethylbenzene	ppb (V/V)	20	20	6.1	6.1	218	6.1	293
1,2-Dichloroethane	ppb (V/V)	30	30	8.9	8.9	8.9	8.9	8.9
1,2-Dichloropropane	ppb (V/V)	10	10	8.7	8.7	8.7	8.7	8.7
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1690	2000	324	5750	7540	514	4720
1,3,5-Trimethylbenzene	ppb (V/V)	20	**20**	8.5	8.5	39	8.5	26
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	10.6	10.6	10.6	10.6	10.6
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	6.6	6.6	6.6	6.6	37
2,2-Dichloropropane	ppb (V/V)	NA	NA	7.8	7.8	7.8	7.8	7.8
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	7.6	58	191	7.6	370
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	700	600	20.6	738	936	82	744
Bromochloromethane	ppb (V/V)	NA	NA	4.9	4.1	4.11	4.12	4.13
Bromodichloromethane	ppb (V/V)	20	20	6.0	6.0	6.0	6.0	6.0
Bromomethane	ppb (V/V)	20	**70**	23.2	23.2	23.2	23.2	23.2
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	10	600	8.9	8.9	8.9	8.9	8.9
Chlorobenzene	ppb (V/V)	20	20	8.2	8.2	8.2	8.2	8.2
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	1200	2500	12.9	15100	9940	676	3974
Chloroform	ppb (V/V)	**200**	**200**	6.1	130	125	6.1	6.1
Chloromethane	ppb (V/V)	40	2800	26.1	1480	2030	26.1	26.1
cis-1,2-Dichloroethene	ppb (V/V)	20	20	11.6	11.6	88	11.6	65
cis-1,3-Dichloropropene	ppb (V/V)	NR	NR	NR	NR	0.3	0.3	0.3
Dichlorodifluoromethane	ppb (V/V)	39000	29000	2507	32800	25700	3040	17600
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	**200**	300	15.2	114	566	**19.4**	193
Isopropylbenzene	ppb (V/V)	NA	NA	11	11	31	11.0	11.0
Methylene Chloride	ppb (V/V)	27000	40	6.5	27600	32300	2213	24600
Naphthalene	ppb (V/V)	NR	NR	13.7	13.7	13.7	13.7	13.7
n-Butylbenzene	ppb (V/V)	NA	NA	8.7	8.7	8.7	8.7	8.7
n-Propylbenzene	ppb (V/V)	NA	NA	10.2	10.2	10.2	10.2	10.2
o-Xylene	ppb (V/V)	20	300	11.5	137	711	60	514
p + m-Xylene	ppb (V/V)	**400**	800	26.2	308	1370	63	628
p-Isopropyltoluene	ppb (V/V)	NR	NR	7.6	7.6	7.6	7.6	7.6
sec-Butylbenzene	ppb (V/V)	NA	NA	7.3	7.3	7.3	7.3	7.3
Styrene	ppb (V/V)	30	**200**	7.4	7.4	515	7.4	7.4
Tetrachloroethene	ppb (V/V)	3600	4100	452	3190	6170	179	2970
Toluene	ppb (V/V)	11000	8900	14.8	8410	15100	704	3930
trans-1,2-Dichloroethene	ppb (V/V)	20	20	8.6	**45**	48	8.6	8.6
Trichloroethene	ppb (V/V)	800	900	13	975	1370	112	1080
Trichlorofluoromethane	ppb (V/V)	1800	1800	**9.7**	2280	1680	105	863
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	30	30	13.5	1130	655	89	716

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999
Carbon Dioxide, CO_2	V%	46.2	0.1	39.0	50.6	50.0	0.1	24
Methane, CH_4	V%	17.7	0.001	32.3	21.8	18.6	0.0418	14
Nitrogen, N_2	V%	33.3	76.8	24.8	29.5	31.6	75.5	51
Oxygen, O_2	V%	6.4	21.2	4.1	3.5	4.1	20.2	11
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	885	13	2600	66	405	6.6	26
1,1,2,2-Tetrachloroethane	ppb (V/V)	6.1	6.1	6.1	6.1	6.1	6.1	13
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	150	5.7	287	375	98	5.7	363
1,1,2-Trichloroethane	ppb (V/V)	12.5	12.5	12.5	12.5	12.5	12.5	48
1,1-Dichloroethane	ppb (V/V)	6230	59	17700	10223	6561	38	2950
1,1-Dichloroethene	ppb (V/V)	1780	9.6	9.6	3344	968	9.6	38
1,2,3-Trichloropropane	ppb (V/V)	12.9	12.9	12.9	129	12.9	12.9	NA
1,2,4-Trimethylbenzene	ppb (V/V)	31	**9.3**	56	**91.1**	26	6.1	17
1,2-Dichloroethane	ppb (V/V)	8.9	8.9	8.9	8.9	8.9	8.9	24
1,2-Dichloropropane	ppb (V/V)	8.7	8.7	8.7	8.7	8.7	8.7	114
1,2-Dichlorotetrafluoroethane	ppb (V/V)	2370	6.3	6820	8232	5390	6.3	588
1,3,5-Trimethylbenzene	ppb (V/V)	30	8.5	38	85	24	8.5	56
1,3-Dichlorobenzene	ppb (V/V)	10.6	10.6	10.6	10.6	10.6	10.6	**11**
1,4-Dichlorobenzene	ppb (V/V)	6.6	6.6	6.6	66	6.6	6.6	26
2,2-Dichloropropane	ppb (V/V)	7.8	7.8	7.8	7.8	7.8	7.8	31
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	93	7.6	76	121	59	7.6	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	775	20.6	1440	1117	637	20.6	286
Bromochloromethane	ppb (V/V)	4.9	4.1	4.11	4.12	4.13	4.14	4
Bromodichloromethane	ppb (V/V)	6.0	6.0	111	60	6.0	6.0	NA
Bromomethane	ppb (V/V)	23.2	23.2	23.2	232	23.2	23.2	93
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	8.9	8.9	8.9	89	8.9	8.9	36
Chlorobenzene	ppb (V/V)	8.2	8.2	8.2	8.2	8.2	8.2	21
Chlorodifluoromethane	ppb (V/V)	NA	12.4	102000	86217	14140	12.4	NA
Chloroethane	ppb (V/V)	6090	12.9	15800	13048	5564	12.9	2384
Chloroform	ppb (V/V)	6.1	6.1	151	61	6.1	6.1	36
Chloromethane	ppb (V/V)	26.1	26.1	26.1	261	26.1	26.1	285
cis-1,2-Dichloroethene	ppb (V/V)	137	11.6	322	116	243	11.6	90
cis-1,3-Dichloropropene	ppb (V/V)	0.3	0.3	0.3	0.16	0.16	0.16	0.16
Dichlorodifluoromethane	ppb (V/V)	14600	**11.4**	55000	26046	10625	**14.8**	3970
Dichlorofluoromethane	ppb (V/V)	NA	10.5	17200	4464	4497	10.5	NA
Ethylbenzene	ppb (V/V)	169	15.2	257	152	82	15.2	61
Isopropylbenzene	ppb (V/V)	11.0	11.0	53	110	17	11.0	NA
Methylene Chloride	ppb (V/V)	35500	262	72700	55630	38860	6.5	10434
Naphthalene	ppb (V/V)	13.7	13.7	13.7	137	13.7	13.7	55
n-Butylbenzene	ppb (V/V)	8.7	8.7	8.7	8.7	8.7	8.7	35
n-Propylbenzene	ppb (V/V)	10.2	10.2	17	102	10.2	10.2	NA
o-Xylene	ppb (V/V)	277	**12.7**	349	298	126	11.5	73
p + m-Xylene	ppb (V/V)	552	26.2	834	549	307	26.2	56
p-Isopropyltoluene	ppb (V/V)	7.6	7.6	7.6	76	7.6	7.6	30
sec-Butylbenzene	ppb (V/V)	7.3	7.3	7.3	7.3	7.3	29.2	20000
Styrene	ppb (V/V)	7.4	7.4	7.4	74	43	7.4	30
Tetrachloroethene	ppb (V/V)	2400	123	5370	3948	2135	66	1380
Toluene	ppb (V/V)	4330	79	6000	2642	2410	34	79
trans-1,2-Dichloroethene	ppb (V/V)	8.6	8.6	74	86	43	8.6	NA
Trichloroethene	ppb (V/V)	971	17	1470	1229	846	**7.6**	21
Trichlorofluoromethane	ppb (V/V)	2450	7.1	1540	1066	413	7.1	28
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	3070	13.5	5090	8569	2324	13.5	190

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001
Carbon Dioxide, CO_2	V%	58.1	53.8	23.0	54	54	50	55
Methane, CH_4	V%	19.1	32.2	13.2	30	32	31	35
Nitrogen, N_2	V%	24.3	20.5	51.8	21	20	25	14
Oxygen, O_2	V%	4.2	2.6	11.7	2.1	1.3	2.8	0.1
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	4000	180	95	13	**230**	350	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	4000	10	10	1.0	5.0	5.0	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	40000	**150**	100	51	530	460	NA
1,1,2-Trichloroethane	ppb (V/V)	8000	20	20	2.0	5.0	5.0	NA
1,1-Dichloroethane	ppb (V/V)	**7000**	5000	1800	1600	5700	5.0	NA
1,1-Dichloroethene	ppb (V/V)	4000	300	140	30	320	580	NA
1,2,3-Trichloropropane	ppb (V/V)	4000	10	10	1.0	5.0	5.0	NA
1,2,4-Trimethylbenzene	ppb (V/V)	20000	50	50	22	**67**	36	NA
1,2-Dichloroethane	ppb (V/V)	4000	10	**13**	1.0	5.0	5.0	NA
1,2-Dichloropropane	ppb (V/V)	8000	120	20	11	**210**	120	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**5000**	9800	3400	560	1500	1200	NA
1,3,5-Trimethylbenzene	ppb (V/V)	20000	50	50	34	**130**	86	NA
1,3-Dichlorobenzene	ppb (V/V)	20000	50	50	5.0	5.0	5.0	NA
1,4-Dichlorobenzene	ppb (V/V)	20000	50	50	5.0	5.0	**18**	NA
2,2-Dichloropropane	ppb (V/V)	20000	50	50	5.0	5.0	5.0	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	20000	50	50	5.0	5.0	5.0	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	20000	300	150	330	970	1100	NA
Bromochloromethane	ppb (V/V)	4000	10	10	**2.2**	5.0	290	NA
Bromodichloromethane	ppb (V/V)	4000	10	10	1.0	5.0	5.0	NA
Bromomethane	ppb (V/V)	20000	50	50	5.0	**86**	49	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	4000	10	10	1.0	5.0	5.0	NA
Chlorobenzene	ppb (V/V)	20000	50	50	5.0	5.0	5.0	NA
Chlorodifluoromethane	ppb (V/V)	20000	100000	39000	3200	39000	30000	NA
Chloroethane	ppb (V/V)	40000	2200	300	34000	5700	8400	NA
Chloroform	ppb (V/V)	4000	40	36	9.0	**140**	200	NA
Chloromethane	ppb (V/V)	4000	10	11000	1.0	5.0	5.0	NA
cis-1,2-Dichloroethene	ppb (V/V)	4000	160	83	45	750	740	NA
cis-1,3-Dichloropropene	ppb (V/V)	NR	NR	0.37	0.37	0.37	0.37	NA
Dichlorodifluoromethane	ppb (V/V)	60000	34000	26000	40000	11000	12000	NA
Dichlorofluoromethane	ppb (V/V)	20000	6200	1200	24000	4500	4300	NA
Ethylbenzene	ppb (V/V)	20000	50	50	11	5.0	41	NA
Isopropylbenzene	ppb (V/V)	20000	50	50	21	5.0	**16**	NA
Methylene Chloride	ppb (V/V)	40000	43000	6100	13000	34000	33000	NA
Naphthalene	ppb (V/V)	20000	50	50	5.0	**100**	5.0	NA
n-Butylbenzene	ppb (V/V)	20000	50	50	5.0	5.0	5.0	NA
n-Propylbenzene	ppb (V/V)	20000	50	50	**8.6**	5.0	**12**	NA
o-Xylene	ppb (V/V)	20000	50	50	160	450	400	NA
p + m-Xylene	ppb (V/V)	20000	50	50	120	290	210	NA
p-Isopropyltoluene	ppb (V/V)	20000	50	50	5.0	**85**	68	NA
sec-Butylbenzene	ppb (V/V)	50	50	50	5.0	5.0	5.0	NA
Styrene	ppb (V/V)	20000	50	50	**9.3**	5.0	30	NA
Tetrachloroethene	ppb (V/V)	4000	1200	110	790	2500	3600	NA
Toluene	ppb (V/V)	20000	160	50	150	360	510	NA
trans-1,2-Dichloroethene	ppb (V/V)	8000	**25**	20	5.2	**73**	82	NA
Trichloroethene	ppb (V/V)	4000	370	170	200	1400	1700	NA
Trichlorofluoromethane	ppb (V/V)	4000	590	200	83	620	260	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	20000	50	190	270	5.0	5.0	NA

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	49	52	59	49	48	49	43
Methane, CH_4	V%	30	32	35	30	31	24	24
Nitrogen, N_2	V%	24	20	0.1	28	28	31	35
Oxygen, O_2	V%	1.9	0.7	0.1	2.3	2.8	3.1	2.7
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	500	500	500	5.0	190	240	600
1,1,2,2-Tetrachloroethane	ppb (V/V)	500	500	500	130	5.0	5.0	59
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	**520**	**890**	**840**	660	5.0	5.0	180
1,1,2-Trichloroethane	ppb (V/V)	500	500	500	890	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	500	8800	9400	6200	19000	7400	5400
1,1-Dichloroethene	ppb (V/V)	500	**520**	**520**	550	260	410	260
1,2,3-Trichloropropane	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	500	500	500	**17**	**6.7**	48	**18**
1,2-Dichloroethane	ppb (V/V)	500	500	500	170	94	95	80
1,2-Dichloropropane	ppb (V/V)	500	500	500	120	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	500	**1300**	**1600**	1400	5.0	1400	810
1,3,5-Trimethylbenzene	ppb (V/V)	500	500	500	52	**19**	95	28
1,3-Dichlorobenzene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	500	500	500	**5.8**	**5.2**	30	5.0
2,2-Dichloropropane	ppb (V/V)	500	500	500	120	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	500	500	500	5.0	5.0	5.0	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	500	**2100**	20000	960	550	850	1100
Bromochloromethane	ppb (V/V)	500	500	500	650	**18**	80	69
Bromodichloromethane	ppb (V/V)	500	500	500	86	5.0	5.0	34
Bromomethane	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
Chlorobenzene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	500	30000	34000	41000	35000	34000	25000
Chloroethane	ppb (V/V)	1000	7200	8600	14000	3300	5000	1900
Chloroform	ppb (V/V)	500	500	500	200	100	160	140
Chloromethane	ppb (V/V)	50000	50000	5000	50	50	50	50
cis-1,2-Dichloroethene	ppb (V/V)	500	**800**	**780**	820	1900	730	740
cis-1,3-Dichloropropene	ppb (V/V)	0.37	0.37	0.37	0.17	0.17	0.17	0.17
Dichlorodifluoromethane	ppb (V/V)	50000	**9700**	**9100**	15000	8300	9100	4500
Dichlorofluoromethane	ppb (V/V)	500	4300	4800	4400	9300	3400	2300
Ethylbenzene	ppb (V/V)	500	500	500	33	**13**	**20**	**16**
Isopropylbenzene	ppb (V/V)	500	500	500	30	**18**	33	**15**
Methylene Chloride	ppb (V/V)	1000	49000	54000	50000	3700	31000	26000
Naphthalene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
n-Butylbenzene	ppb (V/V)	500	500	500	5.0	5.0	**6.0**	5.0
n-Propylbenzene	ppb (V/V)	500	500	500	**8.7**	5.0	**15**	5.0
o-Xylene	ppb (V/V)	500	**540**	500	290	160	300	170
p + m-Xylene	ppb (V/V)	500	500	500	200	100	190	73
p-Isopropyltoluene	ppb (V/V)	500	500	500	63	**11**	64	**8.8**
sec-Butylbenzene	ppb (V/V)	500	500	500	5.0	5.0	**5.1**	5.0
Styrene	ppb (V/V)	500	500	500	**22**	**10**	**19**	**12**
Tetrachloroethene	ppb (V/V)	**550**	5400	2700	3900	3700	3100	3100
Toluene	ppb (V/V)	500	500	**1600**	250	240	270	400
trans-1,2-Dichloroethene	ppb (V/V)	500	500	500	5.0	33	5.0	5.0
Trichloroethene	ppb (V/V)	500	**1800**	**1200**	1400	2100	1000	1100
Trichlorofluoromethane	ppb (V/V)	500	**500**	**650**	910	46	490	280
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	500	**2400**	**1600**	5.0	5.0	1300	93

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	34	51	31	45	4.1	30	31
Methane, CH_4	V%	25	24	19	25	1.5	11	12
Nitrogen, N_2	V%	30	22	40	23	73	49	46
Oxygen, O_2	V%	1.2	0.10	6.1	1.6	20	8.4	6.9
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	290	240	190	93	**8.9**	110	170
1,1,2,2-Tetrachloroethane	ppb (V/V)	100	110	5.0	5.0	5.0	5.0	63
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	220	220	180	100	**9.5**	130	160
1,1,2-Trichloroethane	ppb (V/V)	10	5.0	5.0	5.0	35	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	11000	8200	5170	5250	660	6080	8090
1,1-Dichloroethene	ppb (V/V)	920	**910**	290	260	31	270	360
1,2,3-Trichloropropane	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	**39**	45	**9.4**	**10**	5.0	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	100	5.0	46	37	**11**	5.0	42
1,2-Dichloropropane	ppb (V/V)	93	78	5.0	5.0	5.0	5.0	32
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**1300**	**1500**	5.0	1140	380	5620	4790
1,3,5-Trimethylbenzene	ppb (V/V)	84	120	29	36	5.0	5.0	**18**
1,3-Dichlorobenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	**33**	85	5.0	5.0	5.0	5.0	5.0
2,2-Dichloropropane	ppb (V/V)	10	5.0	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	2660	1920	NA	NA	NA
Benzene	ppb (V/V)	1100	**1200**	580	380	73	220	300
Bromochloromethane	ppb (V/V)	210	400	5.0	5.0	5.0	NA	NA
Bromodichloromethane	ppb (V/V)	53	5.0	5.0	5.0	5.0	NA	NA
Bromomethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Carbon Disulfide	ppb (V/V)	NA	NA	100	**68**	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	10	5.0	5.0	**15**	5.0	5.0	5.0
Chlorobenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	37000	48000	NA	NA	9400	NA	62500
Chloroethane	ppb (V/V)	1700	**4400**	2640	1410	300	1730	1560
Chloroform	ppb (V/V)	280	280	5.0	5.0	27	5.0	370
Chloromethane	ppb (V/V)	100	50	25	25	25	25	25
cis-1,2-Dichloroethene	ppb (V/V)	620	**640**	600	500	130	250	420
cis-1,3-Dichloropropene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	**7600**	13000	10800	9500	2100	10000	7850
Dichlorofluoromethane	ppb (V/V)	5700	4800	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	**25**	37	**14**	**12**	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	**22**	29	NA	NA	5.0	NA	NA
Methylene Chloride	ppb (V/V)	31000	31000	12600	17000	6200	21300	32400
Naphthalene	ppb (V/V)	10	5.0	NA	NA	5.0	NA	NA
n-Butylbenzene	ppb (V/V)	10	**10**	NA	NA	5.0	NA	NA
n-Propylbenzene	ppb (V/V)	**13**	**17**	NA	NA	5.0	NA	NA
o-Xylene	ppb (V/V)	350	330	5.0	160	**15**	5.0	41
p + m-Xylene	ppb (V/V)	180	220	39	28	**8.3**	5.0	**11**
p-Isopropyltoluene	ppb (V/V)	**48**	100	5.0	5.0	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	10	**5.2**	NA	NA	5.0	NA	NA
Styrene	ppb (V/V)	**14**	**17**	5.0	5.0	5.0	5.0	**5.4**
Tetrachloroethene	ppb (V/V)	3900	3500	2440	2050	280	860	1470
Toluene	ppb (V/V)	450	530	250	100	67	5.0	66
trans-1,2-Dichloroethene	ppb (V/V)	75	54	5.0	5.0	**13**	NA	NA
Trichloroethene	ppb (V/V)	1200	**990**	5.0	5.0	150	5.0	540
Trichlorofluoromethane	ppb (V/V)	200	380	210	110	**9.2**	190	240
Vinyl Acetate	ppb (V/V)	NA	NA	48	39	NA	NA	NA
Vinyl Chloride	ppb (V/V)	10	5.0	430	325	40	180	83

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	26	0.190	37.5	62.7	6.4	6.7	4.1	3.9
Methane, CH_4	V%	11	0.065	0.0014	26.4	3.1	3.0	2.1	3.6
Nitrogen, N_2	V%	54	80.6	35.9	10.0	74.0	73.7	76.2	78.2
Oxygen, O_2	V%	6.9	19.2	6.19	0.9	16.0	15.8	16.7	17.1
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	91	92	110	189	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	31	0.18	0.18	0.18	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	170	79	41	107	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	3100	2000	4400	7122	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	120	140	85	296	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	6.1	0.2	0.2	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	38	35	0.19	0.19	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	**22**	18	18	38	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1860	0.2	450	0.25	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	**9.7**	0.18	0.18	48	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	5.0	0.2	0.2	0.18	NA	NA	NA	NA
2,2-Dichloropropane	ppb (V/V)	5.0	0.21	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	**10**	0.56	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	0.63	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	190	240	210	420	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	5.0	0.2	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	5.0	0.2	0.2	0.2	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	0.2	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	**11**	0.19	0.19	0.19	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	17700	0.2	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	760	730	620	1880	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	160	210	456	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	0.18	0.18	0.18	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	350	300	230	476	NA	NA	NA	NA
cis-1,3-Dichloropropene	ppb (V/V)	5.0	0.13	0.13	0.13	0.13	0.13	0.13	NA
Dichlorodifluoromethane	ppb (V/V)	6100	1200	4300	3300	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	4.2	0.17	0.17	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	14700	3600	9200	13727	NA	NA	NA	NA
Naphthalene	ppb (V/V)	5.0	0.2	NA	0.35	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
o-Xylene	ppb (V/V)	28	30	19	117	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	**6.7**	19	**14**	**18**	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	2.2	0.16	0.16	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	1900	830	880	2499	NA	NA	NA	NA
Toluene	ppb (V/V)	45	77	53	0.2	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	34	34	33	76	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	310	340	761	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	250	180	210	400	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	0.2	0.2	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	79	59	60	86	NA	NA	NA	NA

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008	May 2008	Aug 2008
Carbon Dioxide, CO_2	V%	68.7	4.3	3.8	5.6	13.4	2.5	3.7	5.0
Methane, CH_4	V%	0.047	2.1	1.7	2.5	5.83	0.7	1.6	2.0
Nitrogen, N_2	V%	29.5	76.7	76.6	74.9	71.5	78.3	76.9	76.3
Oxygen, O_2	V%	1.61	16.8	17.4	16.4	8.66	18.2	17.5	16.8
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	43.4	NA	NA	NA	8.98	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	34.2	NA	NA	NA	14.6	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	4200	NA	NA	NA	1210	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	91.2	NA	NA	NA	37.3	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	37.4	NA	NA	NA	0.84	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	38.2	NA	NA	NA	14.6	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	24.6	NA	NA	NA	6.79	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	NA	NA	NA	74.7	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	39.2	NA	NA	NA	2.31	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA	NA
2,2-Dichloropropane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA	NA
2-Butanone	ppb (V/V)	0.56	NA	NA	NA	0.56	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	119	NA	NA	NA	96.5	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	0.19	NA	NA	NA	0.19	NA	NA	NA
Chlorobenzene	ppb (V/V)	0.21	NA	NA	NA	0.21	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA	NA
Chloroethane	ppb (V/V)	497	NA	NA	NA	246	NA	NA	NA
Chloroform	ppb (V/V)	246	NA	NA	NA	62.9	NA	NA	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	179	NA	NA	NA	82.6	NA	NA	NA
cis-1,3-Dichloropropene	ppb (V/V)	0.075	NA	NA	NA	0.075	0.21	0.21	0.2
Dichlorodifluoromethane	ppb (V/V)	602	NA	NA	NA	775	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA	NA	NA
Ethylbenzene	ppb (V/V)	28.8	NA	NA	NA	1.88	NA	NA	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
Methylene Chloride	ppb (V/V)	0.20	NA	NA	NA	3280	NA	NA	NA
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	0.35	NA	NA	NA
n-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
n-Propylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
o-Xylene	ppb (V/V)	89.8	NA	NA	NA	12.9	NA	NA	NA
p + m-Xylene	ppb (V/V)	58.0	NA	NA	NA	3.40	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA	NA	NA
Styrene	ppb (V/V)	0.16	NA	NA	NA	1.05	NA	NA	NA
Tetrachloroethene	ppb (V/V)	2390	NA	NA	NA	953	NA	NA	NA
Toluene	ppb (V/V)	42.6	NA	NA	NA	106	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	38.4	NA	NA	NA	12.0	NA	NA	NA
Trichloroethene	ppb (V/V)	436	NA	NA	NA	223	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	**13.0**	NA	NA	NA	40.5	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	0.17	NA	NA	NA	21.5	NA	NA	NA

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009	Jan 2010
Carbon Dioxide, CO_2	V%	19.2	1.1	4.0	5.8	14.2	16.8
Methane, CH_4	V%	9.35	0.1	1.3	1.9	8.49	13.3
Nitrogen, N_2	V%	63.5	79.5	77.2	77.0	70.6	65.7
Oxygen, O_2	V%	8.44	19.2	17.5	15.2	6.65	5.05
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,1-Trichloroethane	ppb (V/V)	8.89	NA	NA	NA	7.51	5.87
1,1,2,2-Tetrachloroethane	ppb (V/V)	0.18	NA	NA	NA	0.18	0.18
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	40.7	NA	NA	NA	26.5	17.4
1,1,2-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.21	0.21
1,1-Dichloroethane	ppb (V/V)	2070	NA	NA	NA	2060	2350
1,1-Dichloroethene	ppb (V/V)	65.4	NA	NA	NA	48.1	93.7
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28	0.28
1,2,4-Trimethylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	7.16
1,2-Dichloroethane	ppb (V/V)	14.5	NA	NA	NA	18.4	13.8
1,2-Dichloropropane	ppb (V/V)	0.17	NA	NA	NA	0.17	0.17
1,2-Dichlorotetrafluoroethane	ppb (V/V)	184	NA	NA	NA	132	90.5
1,3,5-Trimethylbenzene	ppb (V/V)	5.01	NA	NA	NA	4.20	11.2
1,3-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	0.18
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	1.36	0.18
2,2-Dichloropropane	ppb (V/V)	0.25	NA	NA	NA	0.25	0.25
2-Butanone	ppb (V/V)	0.56	NA	NA	NA	3.53	0.56
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	0.20
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	0.20
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	75.3	NA	NA	NA	101	64.6
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	0.20	NA	NA	NA	0.20	0.20
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21	0.21
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	0.19	NA	NA	NA	0.19	1.37
Chlorobenzene	ppb (V/V)	0.21	NA	NA	NA	0.21	0.21
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	0.25
Chloroethane	ppb (V/V)	280	NA	NA	NA	202	225
Chloroform	ppb (V/V)	176	NA	NA	NA	166	90.6
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	0.18	0.18
cis-1,2-Dichloroethene	ppb (V/V)	164	NA	NA	NA	147	21.8
cis-1,3-Dichloropropene	ppb (V/V)	0.19	NA	NA	NA	0.19	1.27
Dichlorodifluoromethane	ppb (V/V)	1480	NA	NA	NA	675	23.8
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	0.25
Ethylbenzene	ppb (V/V)	0.17	NA	NA	NA	1.25	3.65
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	0.20
Methylene Chloride	ppb (V/V)	8300	NA	NA	NA	6480	6220
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	0.35	0.35
n-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	0.20
n-Propylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	0.20
o-Xylene	ppb (V/V)	22.4	NA	NA	NA	20.9	22.8
p + m-Xylene	ppb (V/V)	11.2	NA	NA	NA	7.36	25.2
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	0.20
Styrene	ppb (V/V)	0.16	NA	NA	NA	1.06	0.16
Tetrachloroethene	ppb (V/V)	759	NA	NA	NA	1660	1930
Toluene	ppb (V/V)	57.2	NA	NA	NA	52.2	47.4
trans-1,2-Dichloroethene	ppb (V/V)	26.9	NA	NA	NA	25.5	0.15
Trichloroethene	ppb (V/V)	218	NA	NA	NA	315	325
Trichlorofluoromethane	ppb (V/V)	89.3	NA	NA	NA	60.9	44.8
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	25.9	NA	NA	NA	8.77	27.1

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011	Nov 2011
Carbon Dioxide, CO_2	V%	2.7	0.9	2.5	10.7	5.9	7.0	0.1
Methane, CH_4	V%	0.9	0.3	0.5	2.7	1.7	1.0	0.1
Nitrogen, N_2	V%	78.9	80.7	81.7	76.5	82.2	75.0	79.6
Oxygen, O_2	V%	17.4	18.1	15.2	9.6	10.2	16.9	20.4
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013	Aug 2013
Carbon Dioxide, CO_2	V%	3.7	1.8	2.5	6.6	2.2	8.9	2.5
Methane, CH_4	V%	0.5	0.2	0.1	1.0	0.1	1.2	0.2
Nitrogen, N_2	V%	77.0	78.8	78.9	75.7	79.1	74.2	79.3
Oxygen, O_2	V%	18.8	19.2	18.5	16.6	18.7	15.4	18.0
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-20 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3S
TOTAL DEPTH: 72 ft.

ANALYTE	UNIT	Oct 2013	Jan 2013	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	5.7	1.6	0.3	14.2	24.7	22.9	0.1	68.7
Methane, CH_4	V%	0.7	0.1	0.0	4.03	11.2	12.1	0.001	35
Nitrogen, N_2	V%	76.9	80.1	81.0	68.3	54.3	25.7	0.1	82.2
Oxygen, O_2	V%	16.6	18.2	18.7	9.60	10.5	7.30	0.10	21.2
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	170	568	1022	5.0	3600
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	6.10	140	602	0.18	130
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	150	1164	5932	5.0	**890**
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	12.5	259	1200	0.21	890
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	5250	5745	5019	5.0	19000
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	270	584	906	9.6	3344
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	10.0	144	631	0.27	**20**
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	18.0	513	2974	0.20	293
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	13.8	150	600	0.19	170
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	8.70	242	1190	0.17	**210**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	1300	2261	2796	0.2	9800
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	29.0	510	2974	0.18	**130**
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	5.00	507	3046	0.18	**11**
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	6.60	514	3045	0.18	85
2,2-Dichloropropane	ppb (V/V)	NA	NA	NA	7.80	611	3327	0.21	120
2-Butanone	ppb (V/V)	NA	NA	NA	0.560	2.99	4.09	0.56	**10**
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	0.200	1.27	2.12	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	7.60	697	3469	0.20	370
Acetone	ppb (V/V)	NA	NA	NA	1920	1448	1356	0.63	2660
Benzene	ppb (V/V)	NA	NA	NA	500	1831	4932	20.6	20000
Bromochloromethane	ppb (V/V)	NA	NA	NA	5.00	234	697	0.2	650
Bromodichloromethane	ppb (V/V)	NA	NA	NA	6.00	146	623	0.20	111
Bromomethane	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.21	**86**
Carbon Disulfide	ppb (V/V)	NA	NA	NA	68.0	53.7	50.5	0.2	100
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.19	600
Chlorobenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.21	21
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	25000	29345	32054	0.2	102000
Chloroethane	ppb (V/V)	NA	NA	NA	1900	5802	9237	12.9	34000
Chloroform	ppb (V/V)	NA	NA	NA	130	233	594	5.0	456
Chloromethane	ppb (V/V)	NA	NA	NA	26.1	3081	10521	0.18	11000
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	230	450	690	11.6	1900
cis-1,3-Dichloropropene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.075	1.27
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	9500	15287	16918	**11.4**	60000
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	4300	5168	7101	0.2	24000
Ethylbenzene	ppb (V/V)	NA	NA	NA	20.0	547	2971	0.17	566
Isopropylbenzene	ppb (V/V)	NA	NA	NA	15.0	598	3281	0.20	53
Methylene Chloride	ppb (V/V)	NA	NA	NA	17000	22237	19875	0.20	72700
Naphthalene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.2	**100**
n-Butylbenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.20	**10**
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.20	**17**
o-Xylene	ppb (V/V)	NA	NA	NA	126	632	2960	5.0	711
p + m-Xylene	ppb (V/V)	NA	NA	NA	73.0	683	2964	3.40	1370
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	11.0	721	3581	5.0	100
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NC	NC	NC	0.20	**5.2**
Styrene	ppb (V/V)	NA	NA	NA	7.40	516	2975	0.16	515
Tetrachloroethene	ppb (V/V)	NA	NA	NA	2390	2339	1674	66	6170
Toluene	ppb (V/V)	NA	NA	NA	250	2348	4687	0.2	15100
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	26.2	254	1231	0.15	82
Trichloroethene	ppb (V/V)	NA	NA	NA	540	771	784	5.0	2100
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	250	628	863	7.1	2450
Vinyl Acetate	ppb (V/V)	NA	NA	NA	19.6	22.6	24.8	0.2	48
Vinyl Chloride	ppb (V/V)	NA	NA	NA	83.0	1297	3454	0.17	8569

TABLE 5-21
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Feb 1996	May 1996	Aug 1996	Nov 1996	Feb 1997	May 1997	Aug 1997
Carbon Dioxide, CO_2	V%	49.0	56.6	0.6	34.3	25.5	0.2	22.0
Methane, CH_4	V%	9.8	13.3	1.4000	3.5300	9.23	0.0077	7.89
Nitrogen, N_2	V%	34.3	26.3	78.2	48.2	52.0	75.4	59.7
Oxygen, O_2	V%	6.9	3.8	19.7	11.7	13.5	20.5	15.1
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1,2-Tetrachloroethane	ppb (V/V)	20	20	6.1	6.1	6.1	6.1	6.1
1,1,1-Trichloroethane	ppb (V/V)	2200	10	45	2280	1380	6.6	925
1,1,2,2-Tetrachloroethane	ppb (V/V)	20	20	6.1	6.1	6.1	6.1	6.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	1500	1500	13	263	218	6.0	108
1,1,2-Trichloroethane	ppb (V/V)	20	20	6.1	6.1	6.1	6.1	6.1
1,1-Dichloroethane	ppb (V/V)	7500	14000	417	5940	4320	**14.7**	3300
1,1-Dichloroethene	ppb (V/V)	400	400	31	1710	936	9.6	601
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	10	10	4.8	4.8	4.8	4.8	4.8
1,2,4-Trimethylbenzene	ppb (V/V)	20	20	6.1	80	136	6.1	191
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	6.0	6.0	6.0	6.0	6.0
1,2-Dichloroethane	ppb (V/V)	30	30	8.9	8.9	8.9	8.9	8.9
1,2-Dichloropropane	ppb (V/V)	10	10	8.7	8.7	8.7	8.7	8.7
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1690	2000	80	3340	2230	6.3	1650
1,3,5-Trimethylbenzene	ppb (V/V)	20	**30**	8.5	8.5	15	8.5	16
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	10.6	10.6	10.6	10.6	10.6
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	6.6	6.6	6.6	6.6	38
2-Butanone	ppb (V/V)	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2-Chlorotoluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
4-Chlorotoluene	ppb (V/V)	NA	NA	14.3	14.3	14.3	14.3	14.3
4-Isopropyltoluene	ppb (V/V)	NA	NA	7.6	68	153	7.6	253
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**400**	700	51	392	265	20.6	283
Bromochloromethane	ppb (V/V)	NA	NA	4.9	4.1	4.11	4.12	4.13
Bromodichloromethane	ppb (V/V)	500	500	6	6	6	6	6
Bromomethane	ppb (V/V)	20	20	23.2	23.2	23.2	23.2	23.2
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	10	600	8.9	8.9	8.9	8.9	8.9
Chlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	12.4	12.4	12.4	12.4	12.4	12.4	12.4
Chloroethane	ppb (V/V)	9800	2500	678	7080	3540	12.9	2810
Chloroform	ppb (V/V)	**100**	10	6.1	100	6.1	6.1	6.1
Chloromethane	ppb (V/V)	40	40	127	584	466	26.1	26.1
cis-1,2-Dichloroethene	ppb (V/V)	20	20	11.6	11.6	11.6	11.6	16
Dibromomethane	ppb (V/V)	NR	NR	7.6	7.6	7.6	7.6	7.6
Dichlorodifluoromethane	ppb (V/V)	26000	38000	940	25700	23000	27	8670
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	300	15.2	148	92	15.2	57
Hexachloro-1,3-butadiene	ppb (V/V)	10	10	3.2	3.2	3.2	3.2	3.2
Isopropylbenzene	ppb (V/V)	NA	NA	11	11	11	11	11
Methylene Chloride	ppb (V/V)	14000	29000	1512	15200	10600	6.5	8330
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	NA	NA	8.7	8.7	8.7	8.7	8.7
n-Propylbenzene	ppb (V/V)	NA	NA	10.2	10.2	10.2	10.2	10.2
o-Xylene	ppb (V/V)	20	400	11.5	251	256	11.5	151
p + m-Xylene	ppb (V/V)	40	800	26.2	477	480	26.2	183
p-Isopropytoluene	ppb (V/V)	NA	NA	7.6	7.6	7.6	7.6	7.6
sec-Butylbenzene	ppb (V/V)	NA	NA	7.3	7.3	7.3	7.3	7.3
Styrene	ppb (V/V)	30	200	7.4	7.4	204	7.4	7.4
Tetrachloroethene	ppb (V/V)	1400	5300	200	1870	1810	42	852
Toluene	ppb (V/V)	2800	11000	281	3270	2950	53	790
trans-1,2-Dichloroethene	ppb (V/V)	20	20	8.6	8.6	16	8.6	8.6
Trichloroethene	ppb (V/V)	**400**	900	31	433	356	29	330
Trichlorofluoromethane	ppb (V/V)	1400	1800	39	1180	771	7.1	646
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	30	30	49	570	294	13.5	235

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Nov 1997	Feb 1998	May 1998	Aug 1998	Nov 1998	Feb 1999	May 1999
Carbon Dioxide, CO_2	V%	15.3	13.9	16.7	0.5	35.1	0.294	41
Methane, CH_4	V%	8.3	5.18	6.4	0.182	15.0	0.0345	18
Nitrogen, N_2	V%	61.6	64.8	49.3	73.1	43.2	75.3	36
Oxygen, O_2	V%	15.9	16.9	13.0	20.0	9.8	20.2	5.1
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1,2-Tetrachloroethane	ppb (V/V)	6.1	6.1	6.1	30.5	6.1	6.1	6.1
1,1,1-Trichloroethane	ppb (V/V)	349	268	876	33.0	666	6.6	6.6
1,1,2,2-Tetrachloroethane	ppb (V/V)	6.1	6.1	6.1	30.5	6.1	6.1	6.1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	68	95	83	28.5	106	5.7	5.7
1,1,2-Trichloroethane	ppb (V/V)	6.1	6.1	6.1	6.1	6.1	6.1	6.1
1,1-Dichloroethane	ppb (V/V)	1620	1320	4800	54.5	8281	40	212
1,1-Dichloroethene	ppb (V/V)	683	507	9.6	48.0	1695	9.6	9.6
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	4.8	4.8	4.8	4.8	4.8	4.8	18
1,2,4-Trimethylbenzene	ppb (V/V)	**12.7**	**9.7**	42	30.5	**11.7**	6.1	**12**
1,2-Dichlorobenzene	ppb (V/V)	6.0	6.0	6.0	6.0	6.0	6.0	14
1,2-Dichloroethane	ppb (V/V)	8.9	8.9	8.9	8.9	8.9	8.9	8.9
1,2-Dichloropropane	ppb (V/V)	8.7	8.7	8.7	8.7	8.7	8.7	36
1,2-Dichlorotetrafluoroethane	ppb (V/V)	1027	405	1950	31.5	5220	6.3	6.3
1,3,5-Trimethylbenzene	ppb (V/V)	8.5	8.5	32	42.2	17	8.5	17
1,3-Dichlorobenzene	ppb (V/V)	10.6	10.6	10.6	10.6	10.6	10.6	19
1,4-Dichlorobenzene	ppb (V/V)	6.6	6.6	6.6	33	6.6	6.6	15
2-Butanone	ppb (V/V)	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2-Chlorotoluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
4-Chlorotoluene	ppb (V/V)	14.3	14.3	14.3	72	14.3	14.3	14.3
4-Isopropyltoluene	ppb (V/V)	7.6	7.6	82	38	29	7.6	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	178	72	246	103	437	20.6	90
Bromochloromethane	ppb (V/V)	4.9	4.9	4.9	4.9	4.9	4.9	4.9
Bromodichloromethane	ppb (V/V)	6.0	6.0	36	30	6.0	6.0	NA
Bromomethane	ppb (V/V)	23.2	23.2	23.2	116.0	23.2	23.2	23.2
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	8.9	8.9	8.9	44.5	8.9	8.9	8.9
Chlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	12.4	4240	26000	62	10816	12.4	NA
Chloroethane	ppb (V/V)	1590	1750	3540	64.5	4237	12.9	50
Chloroform	ppb (V/V)	6.1	6.1	73	30.5	113	6.1	6.1
Chloromethane	ppb (V/V)	26.1	26.1	26.1	130.5	26.1	26.1	26.1
cis-1,2-Dichloroethene	ppb (V/V)	20.7	11.6	55	58	56	13.2	44
Dibromomethane	ppb (V/V)	7.6	7.6	7.6	38	7.6	7.6	7.6
Dichlorodifluoromethane	ppb (V/V)	8710	3990	19000	131	14947	20	10
Dichlorofluoromethane	ppb (V/V)	NA	10.5	3920	52.5	9411	10.5	NA
Ethylbenzene	ppb (V/V)	15.2	15.2	85	76	15.2	15.2	**16**
Hexachloro-1,3-butadiene	ppb (V/V)	3.2	3.2	3.2	16	3.2	3.2	**9.8**
Isopropylbenzene	ppb (V/V)	11.0	11.0	20	55	11.0	11.0	NA
Methylene Chloride	ppb (V/V)	13200	5060	16100	32.5	34474	6.5	1383
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	8.7	8.7	8.7	43.5	8.7	8.7	8.7
n-Propylbenzene	ppb (V/V)	10.2	10.2	**12.9**	51	10.2	10.2	NA
o-Xylene	ppb (V/V)	47	11.5	154	57.5	45	11.5	72
p + m-Xylene	ppb (V/V)	**58.9**	30	311	131	86	26.2	93
p-Isopropytoluene	ppb (V/V)	7.6	7.6	7.6	38	7.6	7.6	7.6
sec-Butylbenzene	ppb (V/V)	7.3	7.3	7.3	36.5	7.3	7.3	7.3
Styrene	ppb (V/V)	7.4	7.4	7.4	37	**9.1**	7.4	**8.1**
Tetrachloroethene	ppb (V/V)	585	315	1490	109	1203	51	563
Toluene	ppb (V/V)	204	202	1180	132	141	24	184
trans-1,2-Dichloroethene	ppb (V/V)	8.6	8.6	29	43	24	8.6	NA
Trichloroethene	ppb (V/V)	189	88	313	26	458	**8.6**	5.2
Trichlorofluoromethane	ppb (V/V)	1030	7.1	380	35.5	399	7.1	7.1
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	675	23	1120	67.5	1321	13.5	13.5

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Aug 1999	Nov 1999	Feb 2000	May 2000	Aug 2000	Nov 2000	Feb 2001
Carbon Dioxide, CO_2	V%	60.8	60.7	55.3	55	54	52	55
Methane, CH_4	V%	18.5	36.2	30.2	32	31	32	34
Nitrogen, N_2	V%	24.6	13.8	21.9	19	21	22	16
Oxygen, O_2	V%	2.3	0.63	0.81	1.7	1.2	2.4	0.9
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1,2-Tetrachloroethane	ppb (V/V)	800	50	10	1.0	5.0	5.0	NA
1,1,1-Trichloroethane	ppb (V/V)	800	180	190	7.0	**230**	5.0	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	800	50	50	5.0	5.0	5.0	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	8000	**110**	230	40	590	**1400**	NA
1,1,2-Trichloroethane	ppb (V/V)	800	50	50	5.0	5.0	5.0	NA
1,1-Dichloroethane	ppb (V/V)	6900	6600	3900	2100	7100	9000	NA
1,1-Dichloroethene	ppb (V/V)	800	280	200	32	310	**560**	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	4000	50	50	5.0	**70**	5.0	NA
1,2,4-Trimethylbenzene	ppb (V/V)	4000	50	50	23	5.0	5.0	NA
1,2-Dichlorobenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	NA
1,2-Dichloroethane	ppb (V/V)	800	10	46	1.0	**120**	5.0	NA
1,2-Dichloropropane	ppb (V/V)	1600	130	100	15	**210**	5.0	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	4100	11000	4400	640	1700	**1400**	NA
1,3,5-Trimethylbenzene	ppb (V/V)	4000	50	50	37	**160**	5.0	NA
1,3-Dichlorobenzene	ppb (V/V)	4000	50	50	60	5.0	5.0	NA
1,4-Dichlorobenzene	ppb (V/V)	4000	51	50	**7.8**	**53**	5.0	NA
2-Butanone	ppb (V/V)	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2-Chlorotoluene	ppb (V/V)	4000	52	5.0	5.0	5.0	5.0	NA
4-Chlorotoluene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	NA
4-Isopropyltoluene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	4000	360	420	230	990	**1700**	NA
Bromochloromethane	ppb (V/V)	800	10	10	**1.7**	5.0	5.0	NA
Bromodichloromethane	ppb (V/V)	800	10	10	1.0	5.0	5.0	NA
Bromomethane	ppb (V/V)	800	10	50	5.0	5.0	5.0	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	800	10	10	1.0	5.0	5.0	NA
Chlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	NA
Chlorodifluoromethane	ppb (V/V)	4000	120000	110000	3700	41000	36000	NA
Chloroethane	ppb (V/V)	**8000**	3400	770	40000	5900	11000	NA
Chloroform	ppb (V/V)	800	**30**	74	1.0	**140**	5.0	NA
Chloromethane	ppb (V/V)	800	10	28000	1.0	2900	50	NA
cis-1,2-Dichloroethene	ppb (V/V)	800	190	300	40	880	**830**	NA
Dibromomethane	ppb (V/V)	4000	50	50	50	50	50	NA
Dichlorodifluoromethane	ppb (V/V)	49000	42000	55000	47000	11000	15000	NA
Dichlorofluoromethane	ppb (V/V)	4000	7100	2000	28000	4600	6300	NA
Ethylbenzene	ppb (V/V)	4000	50	50	18	5.0	5.0	NA
Hexachloro-1,3-butadiene	ppb (V/V)	1600	20	20	2.0	5.0	5.0	NA
Isopropylbenzene	ppb (V/V)	4000	50	50	19	5.0	5.0	NA
Methylene Chloride	ppb (V/V)	33000	52000	14000	18000	32000	38000	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	NA
n-Propylbenzene	ppb (V/V)	4000	50	50	**9.4**	5.0	5.0	NA
o-Xylene	ppb (V/V)	4000	**72**	**52**	160	510	**600**	NA
p + m-Xylene	ppb (V/V)	4000	110	50	130	320	**550**	NA
p-Isopropytoluene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	NA
sec-Butylbenzene	ppb (V/V)	4000	50	50	5.0	5.0	5.0	NA
Styrene	ppb (V/V)	4000	50	50	13	5.0	5.0	NA
Tetrachloroethene	ppb (V/V)	**2000**	990	280	1000	2700	4200	NA
Toluene	ppb (V/V)	4000	270	50	280	300	**1900**	NA
trans-1,2-Dichloroethene	ppb (V/V)	1600	**29**	**39**	5.3	**81**	5.0	NA
Trichloroethene	ppb (V/V)	**1000**	370	480	260	1500	**2000**	NA
Trichlorofluoromethane	ppb (V/V)	**900**	530	370	71	640	**1900**	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA		NA	NA
Vinyl Chloride	ppb (V/V)	4000	50	460	290	980	**2500**	NA

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	53	50	48	50	53	49	29
Methane, CH_4	V%	33	29	27	29	34	24	14
Nitrogen, N_2	V%	20	24	29	28	25	32	48
Oxygen, O_2	V%	0.9	0.9	0.1	1.3	1.5	3.1	7.7
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1,2-Tetrachloroethane	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
1,1,1-Trichloroethane	ppb (V/V)	500	500	500	92	130	240	360
1,1,2,2-Tetrachloroethane	ppb (V/V)	500	500	500	99	5.0	5.0	59
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	**880**	**1100**	500	450	5.0	5.0	180
1,1,2-Trichloroethane	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	6200	5400	500	6800	18,000	7000	4800
1,1-Dichloroethene	ppb (V/V)	**590**	**520**	500	360	240	370	260
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	500	500	500	**15**	**11**	45	**20**
1,2-Dichlorobenzene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	500	500	500	120	59	110	76
1,2-Dichloropropane	ppb (V/V)	500	500	500	92	47	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**1000**	**1300**	500	1400	5.0	1300	820
1,3,5-Trimethylbenzene	ppb (V/V)	500	500	500	53	44	100	40
1,3-Dichlorobenzene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	500	500	500	**12**	**17**	36	**12**
2-Butanone	ppb (V/V)	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2-Chlorotoluene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
4-Chlorotoluene	ppb (V/V)	500	500	500	5.0	5.0	5.0	**6.8**
4-Isopropyltoluene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**1000**	**550**	6800	1400	360	930	980
Bromochloromethane	ppb (V/V)	500	500	500	290	**5.1**	34	26
Bromodichloromethane	ppb (V/V)	500	500	500	61	5.0	5.0	32
Bromomethane	ppb (V/V)	500	500	500	37	5.0	5.0	5.0
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
Chlorobenzene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	39000	30000	500	42000	310	32000	25000
Chloroethane	ppb (V/V)	8200	6000	1000	15000	4600	4800	2900
Chloroform	ppb (V/V)	500	500	500	130	74	150	110
Chloromethane	ppb (V/V)	5000	5000	5000	5.0	50	320	50
cis-1,2-Dichloroethene	ppb (V/V)	**790**	**1200**	500	890	460	780	720
Dibromomethane	ppb (V/V)	500	500	500	**16**	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	20000	**8200**	500	14000	2200	8200	4300
Dichlorofluoromethane	ppb (V/V)	5800	2500	500	4000	6600	3200	2300
Ethylbenzene	ppb (V/V)	500	500	500	**18**	**23**	25	**21**
Hexachloro-1,3-butadiene	ppb (V/V)	500	500	500	5.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	500	500	500	**24**	**21**	31	**16**
Methylene Chloride	ppb (V/V)	39000	28000	500	54000	30000	30000	25000
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	500	500	500	5.0	5.0	**6.0**	5.0
n-Propylbenzene	ppb (V/V)	500	500	500	**7.6**	**7.4**	**11**	**6.2**
o-Xylene	ppb (V/V)	500	**570**	500	230	210	300	190
p + m-Xylene	ppb (V/V)	500	500	500	140	150	180	92
p-Isopropytoluene	ppb (V/V)	500	500	500	52	31	80	**16**
sec-Butylbenzene	ppb (V/V)	500	500	500	5.0	5.0	**5.2**	5.0
Styrene	ppb (V/V)	500	500	500	5.0	**16**	**22**	**15**
Tetrachloroethene	ppb (V/V)	3200	5200	**760**	4800	2900	3300	3600
Toluene	ppb (V/V)	**800**	500	**510**	470	340	380	640
trans-1,2-Dichloroethene	ppb (V/V)	500	500	500	78	32	5.0	53
Trichloroethene	ppb (V/V)	**1400**	**1900**	**2200**	1600	6600	1100	1200
Trichlorofluoromethane	ppb (V/V)	**530**	500	500	940	1100	510	280
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	3400	**2100**	500	5.0	5.0	1300	110

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	29	50	32	15	15	25	24
Methane, CH_4	V%	14	28	20	5.7	6.8	8.9	9.2
Nitrogen, N_2	V%	48	26	37	53	62	54	55
Oxygen, O_2	V%	7.7	0.10	5.4	15	15	9.4	7.9
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1,2-Tetrachloroethane	ppb (V/V)	87	5.0	5.0	5.0	5.0	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	200	110	5.0	**24**	88	110	96
1,1,2,2-Tetrachloroethane	ppb (V/V)	5.0	100	5.0	5.0	5.0	5.0	47
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	170	130	110	41	89	120	110
1,1,2-Trichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	19300
1,1-Dichloroethane	ppb (V/V)	7900	6600	**7.0**	1050	3300	4540	4440
1,1-Dichloroethene	ppb (V/V)	530	**780**	5.0	53	180	170	140
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
1,2,4-Trichlorobenzene	ppb (V/V)	5.0		5.0	**5.8**	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	95	70	5.0	**5.7**	**10**	5.0	5.0
1,2-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	110	120	5.0	**9.0**	100	5.0	41
1,2-Dichloropropane	ppb (V/V)	66	69	5.0	5.0	5.0	5.0	**23**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**1400**	**1500**	5.0	850	1800	6010	3470
1,3,5-Trimethylbenzene	ppb (V/V)	72	130	5.0	**13**	**13**	5.0	**20**
1,3-Dichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	5.0	84	5.0	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	0.56	0.56	0.56	0.56	0.56	0.56	0.56
2-Chlorotoluene	ppb (V/V)	5.0	5.0	5.0	5.0	**5.5**	NA	NA
4-Chlorotoluene	ppb (V/V)	5.0	5.0	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	5.0	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	830	NA	NA	NA
Benzene	ppb (V/V)	**1200**	**1200**	5.0	130	380	330	400
Bromochloromethane	ppb (V/V)	150	37	5.0	5.0	5.0	NA	NA
Bromodichloromethane	ppb (V/V)	66	5.0	5.0	5.0	5.0	NA	NA
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon Disulfide	ppb (V/V)	NA	NA	NA	**16**	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	5.0	5.0	5.0	**14**	5.0	5.0
Chlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	**5.9**
Chlorodifluoromethane	ppb (V/V)	40000	47000	NA	NA	50000	NA	190
Chloroethane	ppb (V/V)	5900	**4600**	10	650	1600	1570	850
Chloroform	ppb (V/V)	160	5.0	**9.3**	5.0	5.0	5.0	200
Chloromethane	ppb (V/V)	50	50	25	25	25	25	25
cis-1,2-Dichloroethene	ppb (V/V)	**910**	**880**	5.0	180	580	380	470
Dibromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	NA	NA
Dichlorodifluoromethane	ppb (V/V)	10000	1100	6100	2600	8500	7980	5440
Dichlorofluoromethane	ppb (V/V)	4000	4400	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	48	55	5.0	**5.6**	**17**	5.0	**5.1**
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	5.0	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	28	47	NA	NA	**5.1**	NA	NA
Methylene Chloride	ppb (V/V)	33000	26000	25	2650	20000	18400	25
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	5.0	**12**	NA	NA	5.0	NA	NA
n-Propylbenzene	ppb (V/V)	**17**	**21**	NA	NA	5.0	NA	NA
o-Xylene	ppb (V/V)	190	360	5.0	47	83	5.0	59
p + m-Xylene	ppb (V/V)	190	330	**5.5**	**13**	32	5.0	**16**
p-Isopropytoluene	ppb (V/V)	**21**	180	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	**6.5**	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	**15**	**20**	5.0	5.0	**12**	5.0	5.0
Tetrachloroethene	ppb (V/V)	3800	3600	970	640	950	90	1560
Toluene	ppb (V/V)	**1300**	**820**	42	44	500	63	83
trans-1,2-Dichloroethene	ppb (V/V)	59	49	5.0	5.0	57	NA	NA
Trichloroethene	ppb (V/V)	**1200**	**1100**	5.0	5.0	680	5.0	400
Trichlorofluoromethane	ppb (V/V)	420	460	290	50	91	120	130
Vinyl Acetate	ppb (V/V)	NA	NA	NA	**13**	NA	NA	NA
Vinyl Chloride	ppb (V/V)	5.0	5.0	5.0	98	160	200	140

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	26	0.162	35.7	63.4	10.8	10.4	9.8	3.1
Methane, CH_4	V%	11	0.068	0.0012	22.9	4.4	3.9	4.3	4.1
Nitrogen, N_2	V%	54	78.7	39.2	12.8	70.0	71.9	71.3	77.8
Oxygen, O_2	V%	7.3	21.1	4.81	0.9	13.9	13.1	14.1	17.3
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1,2-Tetrachloroethane	ppb (V/V)	5.0	0.17	NA	0.2	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	79	170	120	92	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	140	160	74	127	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	4200	5100	1500	3261	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	140	220	120	118	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	0.26	0.26	0.26	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	**5.2**	**22**	0.2	0.2	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	26	70	58	0.19	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	**17**	30	0.17	35	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	4060	550	830	0.25	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	**12**	0.18	0.18	45	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	5.0	0.2	0.2	0.18	NA	NA	NA	NA
2-Butanone	ppb (V/V)	0.56	0.56	0.56	0.56	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	0.63	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	240	420	360	482	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	5.0	0.2	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	5.0	0.2	0.2	0.2	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	28	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	**12**	0.19	0.19	0.19	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	**5.1**	0.21	0.21	0.21	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	70800	0.2	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	980	1600	940	1153	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	270	170	275	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	0.18	0.18	0.18	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	300	520	370	586	NA	NA	NA	NA
Dibromomethane	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	10900	5300	4900	6720	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	0.17	0.17	0.17	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	5.0	0.26	0.26	0.26	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	**8.0**	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	15000	3900	9153	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	960	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
o-Xylene	ppb (V/V)	49	91	30	145	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	**17**	**38**	23	**20**	NA	NA	NA	NA
p-Isopropytoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.16	0.16	0.16	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	1400	2200	1100	2698	NA	NA	NA	NA
Toluene	ppb (V/V)	88	210	70	0.2	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	30	55	46	59	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	350	680	440	760	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	170	390	320	702	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	0.2	0.2	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	55	140	230	109	NA	NA	NA	NA

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007
Carbon Dioxide, CO_2	V%	60.5	7.9	6.4	8.8	0.596
Methane, CH_4	V%	0.014	3.5	2.8	3.8	0.0010
Nitrogen, N_2	V%	36.2	73.4	74.3	72.2	77.9
Oxygen, O_2	V%	3.25	15.0	16.0	14.6	20.9
VOLATILE ORGANIC COMPOUNDS BY TO-14						
1,1,1,2-Tetrachloroethane	ppb (V/V)	0.20	NA	NA	NA	0.20
1,1,1-Trichloroethane	ppb (V/V)	39.0	NA	NA	NA	15.5
1,1,2,2-Tetrachloroethane	ppb (V/V)	0.18	NA	NA	NA	0.18
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	31.3	NA	NA	NA	21.9
1,1,2-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.21
1,1-Dichloroethane	ppb (V/V)	2470	NA	NA	NA	1800
1,1-Dichloroethene	ppb (V/V)	77.7	NA	NA	NA	54.8
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28
1,2,4-Trichlorobenzene	ppb (V/V)	0.26	NA	NA	NA	0.26
1,2,4-Trimethylbenzene	ppb (V/V)	32.4	NA	NA	NA	1.37
1,2-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18
1,2-Dichloroethane	ppb (V/V)	41.3	NA	NA	NA	30.9
1,2-Dichloropropane	ppb (V/V)	17.1	NA	NA	NA	12.6
1,2-Dichlorotetrafluoroethane	ppb (V/V)	200	NA	NA	NA	0.25
1,3,5-Trimethylbenzene	ppb (V/V)	33.2	NA	NA	NA	5.80
1,3-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	1.41
2-Butanone	ppb (V/V)	**7.1**	NA	NA	NA	0.56
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20
4-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20
Acetone	ppb (V/V)	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	205	NA	NA	NA	163
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	0.20	NA	NA	NA	0.20
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	0.19	NA	NA	NA	0.19
Chlorobenzene	ppb (V/V)	0.21	NA	NA	NA	0.21
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25
Chloroethane	ppb (V/V)	515	NA	NA	NA	364
Chloroform	ppb (V/V)	130	NA	NA	NA	92.5
Chloromethane	ppb (V/V)	32.7	NA	NA	NA	0.18
cis-1,2-Dichloroethene	ppb (V/V)	239	NA	NA	NA	147
Dibromomethane	ppb (V/V)	0.20	NA	NA	NA	0.20
Dichlorodifluoromethane	ppb (V/V)	594	NA	NA	NA	1230
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25
Ethylbenzene	ppb (V/V)	31.0	NA	NA	NA	3.42
Hexachloro-1,3-butadiene	ppb (V/V)	0.26	NA	NA	NA	0.26
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	7.78
Methylene Chloride	ppb (V/V)	0.20	NA	NA	NA	4740
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20
n-Propylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20
o-Xylene	ppb (V/V)	110	NA	NA	NA	29.0
p + m-Xylene	ppb (V/V)	63.0	NA	NA	NA	6.41
p-Isopropytoluene	ppb (V/V)	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20
Styrene	ppb (V/V)	11.2	NA	NA	NA	2.45
Tetrachloroethene	ppb (V/V)	1880	NA	NA	NA	1880
Toluene	ppb (V/V)	257	NA	NA	NA	179
trans-1,2-Dichloroethene	ppb (V/V)	30.1	NA	NA	NA	18.1
Trichloroethene	ppb (V/V)	430	NA	NA	NA	431
Trichlorofluoromethane	ppb (V/V)	12.7	NA	NA	NA	61.7
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	38.1	NA	NA	NA	0.17

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Feb 2008	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009
Carbon Dioxide, CO_2	V%	9.8	8.2	7.8	24.5	5.0	6.3
Methane, CH_4	V%	4.3	3.5	3.3	12.7	0.6	2.2
Nitrogen, N_2	V%	70.8	72.5	73.2	57.8	76.9	75.4
Oxygen, O_2	V%	14.2	15.3	15.0	5.19	17.3	16.1
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,1,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	0.20	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	11.5	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	0.18	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	54.1	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	26.8	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	2370	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	94.9	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	0.28	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	0.26	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	0.2	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	NA	0.18	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	19.2	NA	NA
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	0.17	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	205	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	8.72	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	0.18	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	0.18	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	0.56	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	0.20	NA	NA
4-Chlorotoluene	ppb (V/V)	NA	NA	NA	0.20	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	0.20	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	107	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	NA	NA	NA	0.20	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	0.21	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	0.19	NA	NA
Chlorobenzene	ppb (V/V)	NA	NA	NA	0.21	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	0.25	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	413	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	211	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	0.18	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	230	NA	NA
Dibromomethane	ppb (V/V)	NA	NA	NA	0.20	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	1700	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	0.25	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	0.17	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NA	0.26	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	0.20	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	8600	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	NA	NA	NA	0.20	NA	NA
n-Propylbenzene	ppb (V/V)	NA	NA	NA	0.20	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	32.7	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	9.44	NA	NA
p-Isopropytoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	0.20	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	0.16	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	1100	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	23.7	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	36.9	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	281	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	119	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	16.2	NA	NA

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Aug 2009	Nov 2009	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011
Carbon Dioxide, CO_2	V%	1.32	12.9	13.2	5.8	13.8	4.4	0.6
Methane, CH_4	V%	0.001	7.51	4.8	1.9	4.3	1.0	0.1
Nitrogen, N_2	V%	79.5	70.3	69.6	76.6	70.9	80.4	84.8
Oxygen, O_2	V%	18.8	9.23	12.3	15.6	10.8	14.1	14.3
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1,2-Tetrachloroethane	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	11.7	7.42	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	0.18	0.18	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	22.2	33.8	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	0.21	0.21	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	1760	1760	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	56.9	51.7	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	0.28	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	0.26	0.26	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	2.69	0.88	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	0.18	0.18	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	36.2	14.3	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	17.3	0.17	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	76.6	119	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	10.4	4.47	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	0.18	0.18	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	6.02	1.60	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	0.56	4.82	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
4-Chlorotoluene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	207	93.2	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	0.21	0.21	NA	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	0.19	0.19	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	0.21	0.21	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	0.25	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	413	273	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	168	151	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	0.18	0.18	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	211	156	NA	NA	NA	NA	NA
Dibromomethane	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	675	605	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	0.25	0.25	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	2.13	2.63	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	0.26	0.26	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	3870	5500	NA	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	37.5	22.7	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	10.1	6.50	NA	NA	NA	NA	NA
p-Isopropytoluene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	0.20	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	0.16	2.19	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	1830	1140	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	23.5	104	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	29.9	25.4	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	561	261	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	57.1	50.9	NA	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	16.2	23.9	NA	NA	NA	NA	NA

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	May 2011	Aug 2011	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012
Carbon Dioxide, CO_2	V%	1.2	3.8	6.6	1.0	0.2	0.1	1.9
Methane, CH_4	V%	0.3	0.6	0.6	0.1	0.1	0.1	0.2
Nitrogen, N_2	V%	87.1	77.6	75.7	79.0	79.9	80.6	79.5
Oxygen, O_2	V%	11.2	18.0	16.6	20.0	19.9	19.3	18.4
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p-Isopropytoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-21 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-3D
TOTAL DEPTH: 110 ft.

ANALYTE	UNIT	Jan 2013	May 2013	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.9	2.8	0.6	1.9	0.6	0.5	13.8	22.2	21.6	0.1	63.4
Methane, CH_4	V%	0.0	0.8	0.0	0.3	0.0	0.0	4.30	9.88	11.6	0.0	36.2
Nitrogen, N_2	V%	79.7	79.7	80.8	79.7	80.6	81.0	69.8	57.1	23.3	12.8	87.1
Oxygen, O_2	V%	19.4	17.0	18.6	18.0	18.8	18.4	13.9	11.4	6.96	0.10	21.1
VOLATILE ORGANIC COMPOUNDS BY TO-14												
1,1,1,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.10	65.0	173	0.17	87
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	110	361	592	5.0	2280
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.10	66.6	167	0.18	100
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	110	452	1229	5.0	**1400**
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.10	916	4013	0.21	19300
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	4200	4582	4213	**7.0**	18,000
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	220	368	437	5.0	1710
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	0.280	1.33	2.08	NC	NC
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	134	610	0.26	**70**
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	12.7	150	600	0.2	191
1,2-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	134	617	0.18	14
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	26.0	84.9	164	0.19	120
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	10.0	97.3	262	0.17	**210**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	1027	1806	2503	0.25	11000
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	17.0	151	600	0.18	**160**
1,3-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	138	616	0.18	60
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.60	142	616	0.18	84
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	0.560	0.937	1.47	0.56	**7.1**
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	136	624	0.20	**5.5**
4-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.80	159	663	0.20	**6.8**
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.30	182	670	0.20	253
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.63	830
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	360	793	1469	5.0	6800
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	95.3	197	0.2	290
Bromodichloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.00	88.4	196	0.20	66
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.21	37
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	22.0	22.0	6.93	**16**	28
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.19	600
Chlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.21	**5.9**
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	500	21865	33728	0.2	120000
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	1600	4691	8396	10	40000
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	74.0	125	168	1.0	275
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	26.1	1713	5879	0.18	28000
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	230	358	361	5.0	**1200**
Dibromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.20	**16**
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	7980	12776	15648	10	55000
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	2500	4369	7072	0.2	28000
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	16.0	157	601	0.17	300
Hexachloro-1,3-butadiene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.26	**9.8**
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	11.0	163	662	0.20	47
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	14000	16607	15819	0.20	54000
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	960	960	0.0	960	960
n-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.20	**12**
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.20	**21**
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	83.0	251	599	5.0	**600**
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	86.0	257	610	5.0	800
p-Isopropytoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	7.60	203	720	0.20	180
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.20	**6.5**
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	7.40	145	602	0.16	204
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	1400	1842	1522	42	5300
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	270	1077	2355	0.2	11000
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	29.5	101	268	5.0	**81**
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	431	875	1375	5.0	6600
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	380	485	517	7.1	**1900**
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.2	**13**
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	109	551	994	0.17	3400

TABLE 5-22
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.10	0.10	0.10
Methane, CH_4	V%	0.6	0.5	0.1	0.1	1.2	0.10	0.10
Nitrogen, N_2	V%	76	76	77	79	87	83	75
Oxygen, O_2	V%	20	20	22	25	16	15	19
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2,2-Tetrachloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1,1-Trichloroethane	ppb (V/V)	0.21	0.21	0.21	0.21	0.21	0.21	0.21
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	32	67	5.0	**10**	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	**7.1**	**5.4**	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	**9.0**	5.0	**7.7**	5.0	5.0	**5.4**	**7.4**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	100	210	5.0	**8.2**	990	5.0	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	**5.6**	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	5.0	5.0	**5.3**	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	5.0	52	**5.8**	5.0	**13**	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	270	350	5.0	**13**	1500	5.0	5.0
Chloroform	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	50	50	50	50	50	50	50
cis-1,2-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	1600	4100	5.0	130	5500	50	50
Dichlorofluoromethane	ppb (V/V)	**14**	**16**	5.0	5.0	39	5.0	5.0
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	10	10	**24**	96	10	**23**	79
o-Xylene	ppb (V/V)	5.0	5.0	**12**	**9.7**	5.0	5.0	5.0
p + m-Xylene	ppb (V/V)	**8.5**	5.0	**13**	**8.4**	**5.4**	5.0	**5.6**
p-Isopropyltoluene	ppb (V/V)	5.0	5.0	**5.2**	5.0	5.0	5.0	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	**6.0**	5.0	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	230	970	**22**	59	120	**20**	**28**
Toluene	ppb (V/V)	5.0	5.0	**12**	**6.4**	5.0	**7.4**	5.0
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	**13**	**21**	5.0	**5.8**	25	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	120	300	5.0	**18**	390	5.0	5.0

TABLE 5-22 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	0.10	0.10	0.10	0.10	0.10	NA	0.10
Methane, CH_4	V%	0.10	2.4	0.10	0.10	0.10	NA	0.10
Nitrogen, N_2	V%	84	79	75	65	76	NA	73
Oxygen, O_2	V%	12	0.10	21	21	22	NA	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2,2-Tetrachloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	**13**	NA	5.0
1,1,1-Trichloroethane	ppb (V/V)	0.21	0.21	0.21	0.21	0.21	0.21	0.21
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	190	330	5.0	5.0	33	NA	93
1,1-Dichloroethane	ppb (V/V)	10	5.0	5.0	33	5.0	NA	5.0
1,1-Dichloroethene	ppb (V/V)	10	**7.8**	5.0	5.0	5.0	NA	5.0
1,2,3-Trichloropropane	ppb (V/V)	5.0	5.0	5.0	5.0	**12**	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	5.0	**7.3**	NA	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	520	**1000**	5.0	34	678	NA	1370
1,3,5-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	5.0
1,4-Dichlorobenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	5.0
2-Butanone	ppb (V/V)	5.0	5.0	5.0	88	5.0	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Acetone	ppb (V/V)	NA	NA	NA	**52**	NA	NA	NA
Benzene	ppb (V/V)	**12**[(4)]	5.0	5.0	**6.7**	5.0	NA	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	**15**	5.0	NA	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	910	3200	NA	NA	220	NA	960
Chloroform	ppb (V/V)	**24**[(4)]	**19**	5.0	5.0	5.0	NA	5.0
Chloromethane	ppb (V/V)	25	25	25	25	25	NA	25
cis-1,2-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	**5.7**	5.0	NA	5.0
Dichlorodifluoromethane	ppb (V/V)	11000	14000	25	**50**	1700	NA	3810
Dichlorofluoromethane	ppb (V/V)	50	86	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	**5.6**	NA	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Methylene Chloride	ppb (V/V)	**80**	**74**	25	25	25	NA	25
o-Xylene	ppb (V/V)	10	5.0	5.0	**7.0**	**6.4**	NA	5.0
p + m-Xylene	ppb (V/V)	10	5.0	**6.4**	**5.4**	**8.7**	NA	5.0
p-Isopropyltoluene	ppb (V/V)	10	5.0	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Styrene	ppb (V/V)	10	5.0	5.0	5.0	**6.6**	NA	5.0
Tetrachloroethene	ppb (V/V)	2500	3200	**6.8**	30	140	NA	460
Toluene	ppb (V/V)	**12**	5.0	**10**	**9.2**	29	NA	**17**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Trichloroethene	ppb (V/V)	**32**	56	5.0	5.0	5.0	NA	**23**
Trichlorofluoromethane	ppb (V/V)	770	**1700**	5.0	5.0	120	NA	240

TABLE 5-22 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	0.10	0.140	0.1	2.4	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.011	**0.000086**	**0.00010**	0.10	0.1	0.1	0.1
Nitrogen, N_2	V%	77	79.0	84.0	79.1	80.0	80.1	80.3	80.2
Oxygen, O_2	V%	20	20.8	13.7	15.5	20.0	20.4	19.7	19.6
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,2,2-Tetrachloroethane	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	0.21	0.21	0.21	0.21	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	160	0.2	92	111	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	5.0	0.21	9.9	**2.4**	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	**1.6**	0.2	0.2	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	2480	0.2	730	200	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	**1.2**	0.18	0.18	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	5.0	0.2	0.2	0.18	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	0.56	**1.5**	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	0.63	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	4.0	0.17	**1.2**	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	2.9	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	1700	0.2	NA	0.25	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	1.0	0.18	0.18	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	8470	5.1	9800	2079	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	3.4	0.17	0.17	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	0.2	0.2	13	NA	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	5.7	0.19	**1.2**	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	15	0.37	**1.1**	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.16	0.16	**1.1**	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	700	0.21	2200	703	NA	NA	NA	NA
Toluene	ppb (V/V)	**8.4**	34	0.2	**2.4**	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	0.2	**1.2**	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	0.21	32	16	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	440	0.2	180	379	NA	NA	NA	NA

TABLE 5-22 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008
Carbon Dioxide, CO_2	V%	3.34	0.1	0.10	0.1	19.6	0.1
Methane, CH_4	V%	0.003	1.0	0.1	0.6	9.36	0.4
Nitrogen, N_2	V%	79.6	89.4	79.7	88.7	67.9	87.1
Oxygen, O_2	V%	17.0	9.6	20.2	10.5	2.97	12.2
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,2,2-Tetrachloroethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA
1,1,1-Trichloroethane	ppb (V/V)	1.29	NA	NA	NA	0.52	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	213	NA	NA	NA	234	NA
1,1-Dichloroethane	ppb (V/V)	1.27	NA	NA	NA	7.87	NA
1,1-Dichloroethene	ppb (V/V)	0.23	NA	NA	NA	2.43	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28	NA
1,2,4-Trimethylbenzene	ppb (V/V)	1.21	NA	NA	NA	0.74	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	154	NA	NA	NA	530	NA
1,3,5-Trimethylbenzene	ppb (V/V)	0.80	NA	NA	NA	0.18	NA
1,4-Dichlorobenzene	ppb (V/V)	0.64	NA	NA	NA	0.18	NA
2-Butanone	ppb (V/V)	**1.89**	NA	NA	NA	0.56	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.85	NA	NA	NA	1.89	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Chloroform	ppb (V/V)	1.25	NA	NA	NA	1.06	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA
cis-1,2-Dichloroethene	ppb (V/V)	0.19	NA	NA	NA	0.19	NA
Dichlorodifluoromethane	ppb (V/V)	1310	NA	NA	NA	3350	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Ethylbenzene	ppb (V/V)	0.99	NA	NA	NA	0.53	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Methylene Chloride	ppb (V/V)	**1.97**	NA	NA	NA	11.3	NA
o-Xylene	ppb (V/V)	1.00	NA	NA	NA	1.05	NA
p + m-Xylene	ppb (V/V)	1.29	NA	NA	NA	1.36	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Styrene	ppb (V/V)	1.28	NA	NA	NA	0.78	NA
Tetrachloroethene	ppb (V/V)	2060	NA	NA	NA	2340	NA
Toluene	ppb (V/V)	5.01	NA	NA	NA	4.22	NA
trans-1,2-Dichloroethene	ppb (V/V)	2.12	NA	NA	NA	1.36	NA
Trichloroethene	ppb (V/V)	35.9	NA	NA	NA	33.8	NA
Trichlorofluoromethane	ppb (V/V)	451	NA	NA	NA	910	NA

TABLE 5-22 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009
Carbon Dioxide, CO_2	V%	0.1	0.1	0.245	0.1	0.3	0.1
Methane, CH_4	V%	0.1	0.1	0.193	0.1	0.1	0.1
Nitrogen, N_2	V%	79.9	79.9	80.1	80.6	86.5	81.2
Oxygen, O_2	V%	20.0	20.1	18.1	19.4	13.1	18.8
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	0.18	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	163	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	0.20	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	0.23	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	0.28	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	341	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	0.18	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	0.18	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	0.56	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	1.07	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	0.18	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.19	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	4010	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	20.5	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	0.19	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	0.37	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	0.16	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	948	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	5.45	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.15	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	12.7	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	636	NA	NA	NA

TABLE 5-22 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	Nov 2009	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011
Carbon Dioxide, CO_2	V%	0.032	0.3	0.1	0.1	0.1	0.1	0.2
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	79.2	85.0	80.6	80.9	83.7	85.4	85.5
Oxygen, O_2	V%	20.8	14.6	19.4	19.1	16.2	14.5	14.3
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2,2-Tetrachloroethane	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	0.15	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	0.23	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	**1.13**	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.85	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	0.23	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	0.19	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	2.08	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	0.63	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	31.1	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	2.30	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	0.37	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	0.16	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	8.32	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	7.45	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	0.2	NA	NA	NA	NA	NA	NA

TABLE 5-22 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	Aug 2011	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.1	0.0
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.0
Nitrogen, N_2	V%	79.9	79.5	79.5	79.6	80.3	80.0
Oxygen, O_2	V%	20.1	20.5	20.5	20.4	19.7	20.0
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA

TABLE 5-22 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4S
TOTAL DEPTH: 70 ft.

ANALYTE	UNIT	Jan 2013	May 2013	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.0	0.0	0.0	0.2	0.3	0.3	0.100	0.948	3.77	0.0	19.6
Methane, CH_4	V%	0.0	0.0	0.0	0.0	0.0	0.0	0.100	0.544	1.80	0.0	9.36
Nitrogen, N_2	V%	79.5	80.3	80.1	82.5	84.6	84.3	80.1	80.2	5.06	65	89.4
Oxygen, O_2	V%	20.5	20.2	19.9	17.8	15.1	15.4	19.7	17.4	5.23	0.10	25
VOLATILE ORGANIC COMPOUNDS BY TO-14												
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	4.02	3.64	0.18	**13**
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	0.210	0.313	0.307	0.21	1.29
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	33.0	90.8	107	0.15	330
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	6.99	8.66	0.20	33
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	3.90	2.85	0.23	**7.8**
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	4.09	3.44	0.27	**12**
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	4.36	3.20	0.20	**9.0**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	200	515	733	0.2	2480
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	3.66	2.66	0.18	**5.6**
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	3.59	2.70	0.18	**5.3**
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	11.9	26.1	0.56	88
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.63	**52**
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	8.35	14.4	0.17	52
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.21	**15**
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	2.90	2.90	0.0	2.9	2.9
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	9.00	617	1026	0.2	3200
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	4.66	5.11	0.23	**19**
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.18	1.0
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.19	**5.7**
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	1700	3698	4606	2.08	14000
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	18.4	29.2	0.2	86
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	3.58	2.19	0.17	**5.6**
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	24.0	30.7	31.0	0.2	96
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	4.95	3.53	0.19	**12**
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.00	5.72	4.50	0.37	15
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	5.0	**5.2**
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.16	**6.6**
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	230	867	1110	0.21	3200
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	6.40	9.97	9.66	0.2	34
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	1.20	1.60	1.85	0.15	2.12
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	12.7	17.3	16.9	0.21	56
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	180	364	498	0.2	**1700**

TABLE 5-23
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.10	0.10	0.10
Methane, CH_4	V%	0.1	0.1	0.1	0.1	2.5	2.3	0.10
Nitrogen, N_2	V%	75	75	77	79	85	85	75
Oxygen, O_2	V%	26	21	25	24	18	14	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	5.0	5.0	**16**	5.0	5.0	50
1,1,2-Trichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	**5.2**	5.0	5.0	5.0	5.0	5.0	**9.0**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	**6.0**	**8.0**	5.0	**15**	260	550	120
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**5.6**	5.0	**10**	5.0	5.0	**5.8**	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	**23**	**16**	5.0	25	1200	1300	240
Chloroform	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	50	50	50	50	50	50	50
Dichlorodifluoromethane	ppb (V/V)	110	190	5.0	290	2800	7600	1500
Dichlorofluoromethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	**11**
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Isoproplybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	5.0	5.0	5.0	81	1900	**19**	100
o-Xylene	ppb (V/V)	5.0	5.0	5.0	**6.0**	5.0	5.0	5.0
p + m-Xylene	ppb (V/V)	5.0	5.0	**5.4**	**5.4**	5.0	5.0	**6.4**
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
tert-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	**25**	47	**9.3**	40	260	430	43
Toluene	ppb (V/V)	5.0	5.0	**6.1**	5.0	5.0	**7.4**	**6.6**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	**7.9**	**9.3**
Trichlorofluoromethane	ppb (V/V)	**9.5**	**14**	5.0	58	370	1000	190
Vinyl Chloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	**8.1**	5.0

TABLE 5-23 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	1.4	0.10	0.11	0.10	0.10	0.1	0.16
Methane, CH_4	V%	0.10	6.4	0.10	0.10	0.10	3.8	5.4
Nitrogen, N_2	V%	81	71	77	65	76	76	75
Oxygen, O_2	V%	21	16	14	21	22	16	13
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	10	400	400	5.0	5.0	390	550
1,1,2-Trichloroethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	59	5.0
1,1-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	10	**24**	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
1,2,4-Trichlorobenzene	ppb (V/V)	10	5.0	5.0	**6.1**	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	10	**8.0**	5.0	**5.1**	**8.0**	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	10	**1100**	5.0	5.0	5.0	5410	2690
1,3,5-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Acetone	ppb (V/V)	NA	NA	**64**	50	NA	NA	NA
Benzene	ppb (V/V)	**22**[4]	**12**	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	**16**	3300	NA	NA	5.0	NA	7620
Chloroform	ppb (V/V)	10	**5.1**	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	25	25	25	25	25	25	25
Dichlorodifluoromethane	ppb (V/V)	10	13000	16200	25	25	21200	23600
Dichlorofluoromethane	ppb (V/V)	10	**19**	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	**5.7**	5.0	5.0
Isoproplybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Methylene Chloride	ppb (V/V)	**52**	5.0	5.0	5.0	5.0	570	25
o-Xylene	ppb (V/V)	10	5.0	5.0	**5.4**	**7.2**	5.0	5.0
p + m-Xylene	ppb (V/V)	10	5.0	5.0	**5.1**	**8.5**	5.0	5.0
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Styrene	ppb (V/V)	5.0	5.0	5.0	5.0	**5.7**	5.0	5.0
tert-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	**44**	1100	530	**10**	5.0	190	550
Toluene	ppb (V/V)	**19**	5.0	**15**	**9.4**	31	5.0	**17**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Trichloroethene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	10	1900	2230	5.0	5.0	1370	1690
Vinyl Chloride	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0

TABLE 5-23 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	0.10	0.118	0.1	1.3	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.013	0.000030	40.6	2.1	2.3	0.1	0.1
Nitrogen, N_2	V%	75	83.7	83.7	49.3	81.4	81.4	80.5	80.1
Oxygen, O_2	V%	22	16.2	16.2	8.8	16.5	15.9	19.5	19.6
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	0.7	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	0.2	1.2	135	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	5.0	0.23	0.23	0.9	NA	NA	NA	NA
1,2,3-Trichlorotoluene	ppb (V/V)	5.0	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	0.26	0.26	0.22	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	**1.6**	**0.68**	**0.4**	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	5.0	0.2	3.1	144	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	**1.2**	0.18	0.5	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	**1.6**	**1.5**	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	50	NA	12	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	4.3	0.80	1.0	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	6.5	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	5.0	0.2	NA	0.25	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	1.1	2.1	0.18	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	25	3.8	35	889	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	3.2	0.17	**0.4**	NA	NA	NA	NA
Isoproplybenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	**2.1**	8.8	4.9	NA	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	5.7	0.19	1.0	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	14	1.2	1.2	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.16	0.16	**1.0**	NA	NA	NA	NA
tert-Butylbenzene	ppb (V/V)	NA	NA	NA	**1.5**	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	**5.3**	0.21	40	385	NA	NA	NA	NA
Toluene	ppb (V/V)	**9.5**	31	2.9	5.4	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	0.2	0.6	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	0.21	1.8	2.0	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	5.0	0.2	6.9	342	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	5.0	0.17	0.17	0.17	NA	NA	NA	NA

TABLE 5-23 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008
Carbon Dioxide, CO_2	V%	0.10	0.10	0.10	0.1	0.253	0.1
Methane, CH_4	V%	0.000030	0.6	0.1	0.6	0.545	0.1
Nitrogen, N_2	V%	79.4	81.8	79.6	80.6	79.7	79.6
Oxygen, O_2	V%	20.6	17.7	20.3	18.8	19.6	20.3
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,1-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	1.91	NA	NA	NA	108	NA
1,1,2-Trichloroethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA
1,1-Dichloroethane	ppb (V/V)	1.21	NA	NA	NA	6.56	NA
1,1-Dichloroethene	ppb (V/V)	0.20	NA	NA	NA	2.27	NA
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	0.26	NA	NA	NA	0.26	NA
1,2,4-Trimethylbenzene	ppb (V/V)	1.06	NA	NA	NA	0.69	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	NA	NA	NA	340	NA
1,3,5-Trimethylbenzene	ppb (V/V)	0.66	NA	NA	NA	0.18	NA
2-Butanone	ppb (V/V)	2.22	NA	NA	NA	0.56	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.88	NA	NA	NA	1.10	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Chloroform	ppb (V/V)	0.23	NA	NA	NA	0.23	NA
Chloromethane	ppb (V/V)	4.57	NA	NA	NA	0.18	NA
Dichlorodifluoromethane	ppb (V/V)	35.1	NA	NA	NA	2730	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Ethylbenzene	ppb (V/V)	0.91	NA	NA	NA	0.17	NA
Isoproplybenzene	ppb (V/V)	0.20	NA	NA	NA	0.1	NA
Methylene Chloride	ppb (V/V)	**0.96**	NA	NA	NA	2.78	NA
o-Xylene	ppb (V/V)	0.91	NA	NA	NA	0.58	NA
p + m-Xylene	ppb (V/V)	1.24	NA	NA	NA	0.81	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Styrene	ppb (V/V)	1.17	NA	NA	NA	0.60	NA
tert-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Tetrachloroethene	ppb (V/V)	108	NA	NA	NA	645	NA
Toluene	ppb (V/V)	7.35	NA	NA	NA	10.8	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	0.15	NA
Trichloroethene	ppb (V/V)	1.09	NA	NA	NA	2.57	NA
Trichlorofluoromethane	ppb (V/V)	6.08	NA	NA	NA	557	NA
Vinyl Chloride	ppb (V/V)	0.17	NA	NA	NA	0.17	NA

TABLE 5-23 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Methane, CH_4	V%	0.1	0.1	0.037	0.1	0.2	0.1	0.1
Nitrogen, N_2	V%	79.9	80.4	79.2	80.7	79.7	81.7	79.4
Oxygen, O_2	V%	20.0	19.5	20.6	19.3	20.1	18.3	20.8
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	0.15	NA	NA	NA	0.15
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
1,1-Dichloroethane	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
1,1-Dichloroethene	ppb (V/V)	NA	NA	0.23	NA	NA	NA	0.23
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	0.26	NA	NA	NA	0.26
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	0.18	NA	NA	NA	0.18
2-Butanone	ppb (V/V)	NA	NA	0.56	NA	NA	NA	**0.86**
2-Chlorotoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
4-Isopropyltoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.75
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Chloroform	ppb (V/V)	NA	NA	0.23	NA	NA	NA	0.23
Chloromethane	ppb (V/V)	NA	NA	18.1	NA	NA	NA	7.34
Dichlorodifluoromethane	ppb (V/V)	NA	NA	19.1	NA	NA	NA	4.19
Dichlorofluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Ethylbenzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.57
Isoproplybenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Methylene Chloride	ppb (V/V)	NA	NA	8.93	NA	NA	NA	23.9
o-Xylene	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.70
p + m-Xylene	ppb (V/V)	NA	NA	0.37	NA	NA	NA	2.06
sec-Butylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Styrene	ppb (V/V)	NA	NA	0.16	NA	NA	NA	0.16
tert-Butylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Tetrachloroethene	ppb (V/V)	NA	NA	78.3	NA	NA	NA	7.83
Toluene	ppb (V/V)	NA	NA	9.77	NA	NA	NA	7.29
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.15	NA	NA	NA	0.15
Trichloroethene	ppb (V/V)	NA	NA	1.00	NA	NA	NA	0.21
Trichlorofluoromethane	ppb (V/V)	NA	NA	3.69	NA	NA	NA	**0.90**
Vinyl Chloride	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17

TABLE 5-23 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011
Carbon Dioxide, CO_2	V%	0.3	0.9	0.1	0.1	0.1	0.1	0.1
Methane, CH_4	V%	1.6	0.3	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	89.0	86.1	80.9	83.6	85.4	85.4	80.0
Oxygen, O_2	V%	9.1	12.7	19.1	16.3	14.5	14.5	20.0
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isoproplybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-23 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Nitrogen, N_2	V%	79.4	80.6	80.0	80.2	80.1	79.6	79.6
Oxygen, O_2	V%	20.6	19.4	20.0	19.6	19.9	20.3	19.8
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isoproplybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-23 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4I
TOTAL DEPTH: 120 ft.

ANALYTE	UNIT	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.0	0.0	0.0	0.0	0.100	0.180	0.315	0.0	1.4
Methane, CH_4	V%	0.0	0.0	0.0	0.0	0.100	2.12	7.80	0.0	40.6
Nitrogen, N_2	V%	80.2	80.6	80.6	80.6	80.1	78.9	7.09	49.3	89.0
Oxygen, O_2	V%	19.8	19.5	19.4	19.4	19.6	18.6	3.73	8.8	26
VOLATILE ORGANIC COMPOUNDS BY TO-14										
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	0.210	0.350	0.239	0.21	0.7
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	5.00	111	188	0.15	550
1,1,2-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	8.11	15.9	0.21	59
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	3.77	2.29	0.20	6.56
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	5.00	5.31	6.28	0.20	**24**
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	5.00	5.00	0.0	NC	NC
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	5.00	3.72	2.71	0.22	**6.1**
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	4.35	3.09	0.20	**9.0**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	7.00	671	1570	0.2	5410
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	3.52	2.61	0.18	**1.2**
2-Butanone	ppb (V/V)	NA	NA	NA	NA	1.18	1.26	0.722	0.56	2.22
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
Acetone	ppb (V/V)	NA	NA	NA	NA	50.0	42.0	24.1	12	**64**
Benzene	ppb (V/V)	NA	NA	NA	NA	5.00	4.55	3.37	0.17	**12**
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	6.50	6.50	0.0	6.5	6.5
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	10.5	1069	2377	0.2	7620
Chloroform	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.23	**5.1**
Chloromethane	ppb (V/V)	NA	NA	NA	NA	25.0	25.1	18.8	0.18	18.1
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	150	4746	8157	3.8	23600
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	**19**
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	3.63	2.19	0.17	**5.7**
Isoproplybenzene	ppb (V/V)	NA	NA	NA	NA	0.200	1.13	2.04	0.1	0.1
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	6.90	198	537	**0.96**	1900
o-Xylene	ppb (V/V)	NA	NA	NA	NA	5.00	4.18	2.64	0.19	**7.2**
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	5.00	5.04	3.69	0.37	14
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	NC	NC
Styrene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.16	**5.7**
tert-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	**1.5**
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	45.5	236	333	0.21	1100
Toluene	ppb (V/V)	NA	NA	NA	NA	7.32	10.8	8.81	2.9	31
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.15	0.6
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	5.00	4.40	2.85	0.21	**9.3**
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	12.0	500	777	0.2	2230
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.17	**8.1**

TABLE 5-24
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	0.1	0.1	0.2	0.1	0.10	0.10	0.10
Methane, CH_4	V%	0.1	0.1	0.1	0.1	2.2	0.10	0.10
Nitrogen, N_2	V%	75	74	77	72	78	78	74
Oxygen, O_2	V%	28	24	23	21	23	15	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	5.0	5.0	**9.0**	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	5.0	5.0	5.0	5.0	**9.8**	5.0	5.0
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	**7.4**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	5.0	5.0	5.0	5.0	190	5.0	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**10**	5.0	5.0	**5.1**	5.0	5.0	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	5.0	5.0	5.0	**5.8**	800	5.0	5.0
Chloroform	ppb (V/V)	5.0	5.0	5.0	**5.2**	5.0	5.0	5.0
Chloromethane	ppb (V/V)	50	50	50	50	50	50	25
cis-1,2-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	50	50	50	50	1500	50	50
Dichlorofluoromethane	ppb (V/V)	5.0	5.0	5.0	5.0	**20**	5.0	5.0
Ethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Hexachlorobutadiene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	10	10	10	87	10	**11**	78
o-Xylene	ppb (V/V)	5.0	5.0	5.0	**7.3**	5.0	5.0	5.0
p + m-Xylene	ppb (V/V)	5.0	5.0	5.0	**6.7**	5.0	5.0	**5.6**
sec-Butylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Styrene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	**6.2**	**5.4**	**5.2**	25	76	**9.2**	**10**
Toluene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	5.0	5.0	5.0	5.0	290	5.0	5.0

TABLE 5-24 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	0.24	0.10	0.10	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.56	7.4	0.10	0.10	0.10	0.10	0.10
Nitrogen, N_2	V%	73	71	75	64	74	75	72
Oxygen, O_2	V%	20	17	22	21	21	22	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	10	230	**7.9**	5.0	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	10	**16**	5.0	5.0	5.0	5.0	5.0
1,2,3-Trichloropropane	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	5.0
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	5.0	5.0	**17**	**12**	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	10	5.0	5.0	5.0	**7.2**	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	10	**720**	5.0	5.0	5.0	5.0	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	**5.0**	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	5.0	5.0	5.0	5.0	**5.2**	NA	5.0
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**19**[(4)]	5.0	5.0	5.0	**6.0**	5.0	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	100	5.0	5.0
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	**13**	5600	NA	NA	NA	NA	5.0
Chloroform	ppb (V/V)	62	**25**	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	25	25	25	25	25	25	25
cis-1,2-Dichloroethene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	100	11000	350	25	25	25	25
Dichlorofluoromethane	ppb (V/V)	10	**12**	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Hexachlorobutadiene	ppb (V/V)	5.0	5.0	5.0	5.0	**13**	5.0	5.0
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	**86**	**46**	25	25	25	25	25
o-Xylene	ppb (V/V)	10	5.0	5.0	**5.0**	**5.2**	5.0	5.0
p + m-Xylene	ppb (V/V)	10	5.0	5.0	**5.3**	**5.7**	**8.2**	5.0
sec-Butylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	**6.0**	NA	5.0
Styrene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Tetrachloroethene	ppb (V/V)	**18**	180	180	**11**	5.0	**5.9**	**6.3**
Toluene	ppb (V/V)	**14**	5.0	**8.7**	**15**	**19**	31	**15**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	10	**16000**	**15**	5.0	5.0	5.0	5.0

TABLE 5-24 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	0.10	0.139	0.1	0.6	0.10	0.10	0.10	0.10
Methane, CH_4	V%	0.10	0.011	0.000030	0.00010	0.10	0.1	0.1	0.1
Nitrogen, N_2	V%	75	81.9	78.2	84.7	80.1	79.9	80.3	80.1
Oxygen, O_2	V%	22	18.0	21.8	14.7	19.9	20.0	19.7	19.8
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	0.2	0.2	**0.3**	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	5.0	0.23	0.21	0.9	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	5.0	0.27	NA	0.28	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	5.0	0.26	0.26	**0.4**	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	**1.7**	1.1	0.2	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	5.0	0.2	0.2	0.25	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	**1.3**	0.18	**0.4**	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	2.6	**1.6**	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	2.5	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	4.0	0.62	1.0	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	8.2	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	5.0	0.2	NA	0.25	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	1.0	0.82	0.18	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	25	3.9	2.3	**1.9**	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	3.4	0.17	**0.4**	NA	NA	NA	NA
Hexachlorobutadiene	ppb (V/V)	5.0	0.26	0.26	0.26	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	0.60	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	25	2.4	0.2	5.0	NA	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	5.9	0.56	0.9	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	15	1.4	1.2	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	5.0	0.65	1.6	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	5.0	0.21	27	38	NA	NA	NA	NA
Toluene	ppb (V/V)	**9.0**	31	3.5	3.1	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	0.2	0.15	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	0.6	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	5.0	0.2	0.2	1.4	NA	NA	NA	NA

TABLE 5-24 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008
Carbon Dioxide, CO_2	V%	0.10	1.1	0.10	2.8	0.010	1.8
Methane, CH_4	V%	0.000030	3.1	0.1	2.1	1.23	1.8
Nitrogen, N_2	V%	79.3	85.7	79.8	88.2	79.0	90.2
Oxygen, O_2	V%	20.7	10.7	20.0	6.8	20.5	6.1
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	0.15	NA	NA	NA	99.6	NA
1,1-Dichloroethane	ppb (V/V)	0.21	NA	NA	NA	6.53	NA
1,1-Dichloroethene	ppb (V/V)	0.20	NA	NA	NA	2.34	NA
1,2,3-Trichloropropane	ppb (V/V)	0.28	NA	NA	NA	0.28	NA
1,2,4-Trichlorobenzene	ppb (V/V)	0.26	NA	NA	NA	0.26	NA
1,2,4-Trimethylbenzene	ppb (V/V)	0.86	NA	NA	NA	0.73	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	NA	NA	NA	406	NA
1,3,5-Trimethylbenzene	ppb (V/V)	0.60	NA	NA	NA	0.25	NA
2-Butanone	ppb (V/V)	**1.94**	NA	NA	NA	0.56	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	0.88	NA	NA	NA	0.66	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Chloroform	ppb (V/V)	0.23	NA	NA	NA	0.23	NA
Chloromethane	ppb (V/V)	0.80	NA	NA	NA	0.18	NA
cis-1,2-Dichloroethene	ppb (V/V)	0.19	NA	NA	NA	1.70	NA
Dichlorodifluoromethane	ppb (V/V)	**0.85**	NA	NA	NA	3160	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Ethylbenzene	ppb (V/V)	0.87	NA	NA	NA	0.17	NA
Hexachlorobutadiene	ppb (V/V)	0.26	NA	NA	NA	0.26	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	**0.74**	NA	NA	NA	3.08	NA
o-Xylene	ppb (V/V)	0.83	NA	NA	NA	0.65	NA
p + m-Xylene	ppb (V/V)	1.15	NA	NA	NA	0.88	NA
sec-Butylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Styrene	ppb (V/V)	1.11	NA	NA	NA	0.16	NA
Tetrachloroethene	ppb (V/V)	39.3	NA	NA	NA	252	NA
Toluene	ppb (V/V)	5.68	NA	NA	NA	2.50	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	0.15	NA
Trichloroethene	ppb (V/V)	0.80	NA	NA	NA	3.19	NA
Trichlorofluoromethane	ppb (V/V)	**0.71**	NA	NA	NA	523	NA

TABLE 5-24 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009
Carbon Dioxide, CO_2	V%	0.1	0.1	0.007	0.1	1.4	0.1	0.1
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.4	0.1	0.1
Nitrogen, N_2	V%	80.0	79.8	78.8	80.7	88.2	81.1	79.4
Oxygen, O_2	V%	20.0	20.1	21.1	19.3	10.0	19.0	20.7
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	0.15	NA	NA	NA	0.15
1,1-Dichloroethane	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
1,1-Dichloroethene	ppb (V/V)	NA	NA	0.23	NA	NA	NA	0.23
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	0.28	NA	NA	NA	0.28
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	0.26	NA	NA	NA	0.26
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	**1.50**
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
2-Butanone	ppb (V/V)	NA	NA	0.56	NA	NA	NA	0.56
2-Chlorotoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
4-Isopropyltoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.65
Bromomethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Chloroform	ppb (V/V)	NA	NA	0.23	NA	NA	NA	0.23
Chloromethane	ppb (V/V)	NA	NA	0.18	NA	NA	NA	0.18
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.19
Dichlorodifluoromethane	ppb (V/V)	NA	NA	16.4	NA	NA	NA	21.3
Dichlorofluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Ethylbenzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17
Hexachlorobutadiene	ppb (V/V)	NA	NA	0.26	NA	NA	NA	0.26
Isopropylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	0.20	NA	NA	NA	27.2
o-Xylene	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.19
p + m-Xylene	ppb (V/V)	NA	NA	0.37	NA	NA	NA	1.28
sec-Butylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Styrene	ppb (V/V)	NA	NA	0.16	NA	NA	NA	0.16
Tetrachloroethene	ppb (V/V)	NA	NA	22.0	NA	NA	NA	9.10
Toluene	ppb (V/V)	NA	NA	4.89	NA	NA	NA	6.18
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.15	NA	NA	NA	0.15
Trichloroethene	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
Trichlorofluoromethane	ppb (V/V)	NA	NA	0.2	NA	NA	NA	2.30

TABLE 5-24 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011
Carbon Dioxide, CO_2	V%	0.3	0.2	0.1	0.1	0.1	0.1	0.1
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Nitrogen, N_2	V%	85.4	80.4	80.8	83.6	85.4	85.5	79.8
Oxygen, O_2	V%	14.2	19.6	19.2	16.3	14.5	14.3	20.2
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-24 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013
Carbon Dioxide, CO_2	V%	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Methane, CH_4	V%	0.1	0.1	0.1	0.1	0.0	0.0	0.0
Nitrogen, N_2	V%	79.4	79.5	79.5	80.2	80.2	79.7	80.0
Oxygen, O_2	V%	20.6	20.5	20.5	19.8	19.8	20.2	19.5
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-24 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-4D
TOTAL DEPTH: 180 ft.

ANALYTE	UNIT	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.0	0.2	0.4	0.4	0.100	0.289	0.595	0.0	2.8
Methane, CH_4	V%	0.0	0.0	0.1	0.1	0.100	0.550	1.49	0.0	7.4
Nitrogen, N_2	V%	80.0	81.7	84.3	84.7	79.8	79.4	5.32	64	90.2
Oxygen, O_2	V%	20.0	18.1	15.2	14.8	20.0	18.8	4.48	6.1	28
VOLATILE ORGANIC COMPOUNDS BY TO-14										
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	5.00	26.8	65.6	0.15	230
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	3.73	2.35	0.20	6.53
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	5.00	4.65	4.30	0.20	**16**
1,2,3-Trichloropropane	ppb (V/V)	NA	NA	NA	NA	5.00	4.16	3.18	0.27	**9.8**
1,2,4-Trichlorobenzene	ppb (V/V)	NA	NA	NA	NA	5.00	4.72	4.73	0.26	**17**
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	4.05	2.75	0.20	**7.4**
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	5.00	87.9	214	0.2	**720**
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	3.48	2.21	0.18	**5.0**
2-Butanone	ppb (V/V)	NA	NA	NA	NA	1.08	1.37	0.928	0.56	2.6
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	5.00	3.49	2.30	0.20	**5.2**
Acetone	ppb (V/V)	NA	NA	NA	NA	2.50	2.50	0.0	2.5	2.5
Benzene	ppb (V/V)	NA	NA	NA	NA	5.00	4.10	2.78	0.17	**10**
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.21	100
Carbon disulfide	ppb (V/V)	NA	NA	NA	NA	8.20	8.20	0.0	8.2	8.2
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	5.00	634	1759	0.2	5600
Chloroform	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.23	62
Chloromethane	ppb (V/V)	NA	NA	NA	NA	25.0	22.1	19.7	0.18	1.0
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.19	1.70
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	37.5	1149	3112	**0.85**	11000
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	**20**
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	3.71	2.51	0.17	3.4
Hexachlorobutadiene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.26	**13**
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	NC	NC
Methyl isobutyl Ketone (MIBK)	ppb (V/V)	NA	NA	NA	NA	0.600	0.600	0.0	0.60	0.60
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	18.0	26.0	29.2	0.20	87
o-Xylene	ppb (V/V)	NA	NA	NA	NA	5.00	4.13	2.64	0.19	**7.3**
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	5.00	5.13	3.93	0.37	15
sec-Butylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	**6.0**
Styrene	ppb (V/V)	NA	NA	NA	NA	5.00	3.78	2.47	0.16	1.6
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	10.5	49.5	79.3	0.21	252
Toluene	ppb (V/V)	NA	NA	NA	NA	5.00	10.1	9.17	2.50	31
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	NC	NC
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	0.600	1.20	1.38	0.21	3.19
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	5.00	1371	4507	0.2	**16000**

TABLE 5-25
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	0.1	3.7	2.7	5.7	2.8	7.3	0.10
Methane, CH_4	V%	0.1	2.5	1.9	9.0	2.0	4.1	0.10
Nitrogen, N_2	V%	75	70	71	72	78	66	86
Oxygen, O_2	V%	22	20	25	18	26	14	24
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	5.0	35	500	**20**	39	140	5.0
1,1,2,2-Tetrachloroethane	ppb (V/V)	5.0	5.0	5.0	43	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	**16**	500	130	5.0	5.0	5.0
1,1-Dichloroethane	ppb (V/V)	**6.0**	800	**1800**	390	350	1300	5.0
1,1-Dichloroethene	ppb (V/V)	5.0	63	500	620	34	110	5.0
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	**14**	39	500	**7.5**	5.0	**18**	**11**
1,2-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	**14**	5.0	**11**	5.0
1,2-Dichloropropane	ppb (V/V)	5.0	30	500	57	5.0	25	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	5.0	180	500	630	5.0	310	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	30	500	**7.3**	5.0	46	5.0
1,4-Dichlorobenzene	ppb (V/V)	**6.6**	**9.8**	500	5.0	5.0	5.0	5.0
2,2-Dichloropropane	ppb (V/V)	5.0	5.0	5.0	54	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**14**	120	**660**	520	41	120	5.0
Bromochloromethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	**6.6**	5.0
Bromodichloromethane	ppb (V/V)	5.0	**8.6**	500	45	5.0	**12**	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	26	3200	**1900**	8700	6700	6700	5.0
Chloroethane	ppb (V/V)	10	410	1000	1600	230	720	10
Chloroform	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	50	50	50	50	50	50	50
cis-1,2-Dichloroethene	ppb (V/V)	5.0	85	500	29	42	120	5.0
Dibromomethane	ppb (V/V)	5.0	5.0	5.0	**11**	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	50	1200	5000	11000	370	2500	50
Dichlorofluoromethane	ppb (V/V)	5.0	220	500	950	270	490	5.0
Ethylbenzene	ppb (V/V)	5.0	230	500	38	90	320	5.0
Isopropylbenzene	ppb (V/V)	5.0	27	500	5.0	**6.3**	33	5.0
Methylene Chloride	ppb (V/V)	**36**	1400	**4100**	1100	2000	7400	88
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	**6.2**	5.0	500	5.0	5.0	5.0	5.0
n-Propylbenzene	ppb (V/V)	5.0	**19**	500	5.0	5.0	29	5.0
o-Xylene	ppb (V/V)	**6.7**	140	500	35	47	210	5.0
p + m-Xylene	ppb (V/V)	**16**	400	500	55	74	210	**6.8**
p-Isopropyltoluene	ppb (V/V)	**5.0**	150	500	**19**	**16**	190	5.0
sec-Butlybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	**6.8**	35	500	**9.4**	**8.5**	35	5.0
Tetrachloroethene	ppb (V/V)	35	400	500	450	190	630	**10**
Toluene	ppb (V/V)	**22**	2400	**1200**	420	140	2500	**8.2**
trans-1,2-Dichloroethene	ppb (V/V)	5.0	**7.3**	500	5.0	5.0	5.0	5.0
Trichloroethene	ppb (V/V)	5.0	190	500	100	86	230	5.0
Trichlorofluoromethane	ppb (V/V)	5.0	35	500	2000	**23**	75	5.0
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	5.0	170	**930**	5.0	5.0	5.0	5.0

TABLE 5-25 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	8.8	22	0.33	0.10	0.10	0.1	5.5
Methane, CH_4	V%	5.7	27	0.10	0.10	0.10	0.10	2.9
Nitrogen, N_2	V%	65	46	75	65	76	75	68
Oxygen, O_2	V%	17	11	21	21	22	22	19
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	**43**	30	230	5.0	5.0	5.0	45
1,1,2,2-Tetrachloroethane	ppb (V/V)	10	110	5.0	5.0	5.0	5.0	**24**
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	10	240	200	5.0	5.0	5.0	**24**
1,1-Dichloroethane	ppb (V/V)	570	**760**	6500	5.0	5.0	5.0	1030
1,1-Dichloroethene	ppb (V/V)	100	2700	370	5.0	5.0	5.0	57
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	**5**
1,2,4-Trimethylbenzene	ppb (V/V)	**22**	**16**	**9.1**	5.0	**6.1**	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	**10**	5.0	65	5.0	5.0	5.0	**7.8**
1,2-Dichloropropane	ppb (V/V)	10	75	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	500	**1700**	5.0	5.0	5.0	5.0	760
1,3,5-Trimethylbenzene	ppb (V/V)	**24**	**23**	33	5.0	5.0	5.0	**15**
1,4-Dichlorobenzene	ppb (V/V)	10	**24**	5.0	5.0	5.0	5.0	5.0
2,2-Dichloropropane	ppb (V/V)	10	5.0	NA	NA	NA	NA	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Acetone	ppb (V/V)	NA	NA	2930	NA	NA	NA	NA
Benzene	ppb (V/V)	140	220	680	5.0	**5.4**	**5.1**	**13**
Bromochloromethane	ppb (V/V)	10	**5.3**	5.0	5.0	5.0	NA	NA
Bromodichloromethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	NA
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	**18**
Carbon Disulfide	ppb (V/V)	NA	NA	130	25	25	NA	NA
Chlorodifluoromethane	ppb (V/V)	7000	35000	NA	NA	NA	NA	5.0
Chloroethane	ppb (V/V)	440	**1300**	1490	10	10	10	220
Chloroform	ppb (V/V)	**42**	5.0	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	25	25	25	25	25	25	25
cis-1,2-Dichloroethene	ppb (V/V)	85	5.0	780	5.0	5.0	5.0	100
Dibromomethane	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	NA
Dichlorodifluoromethane	ppb (V/V)	2000	22000	11000	5.0	5.0	25	2160
Dichlorofluoromethane	ppb (V/V)	460	3400	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	190	39	**16**	5.0	**5.6**	**5.2**	**11**
Isopropylbenzene	ppb (V/V)	**19**	**7.4**	NA	NA	NA	NA	5.0
Methylene Chloride	ppb (V/V)	**4000**	550	14800	25	25	**27**	4210
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	10	5.0	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	**14**	**8.9**	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	140	48	5.0	5.0	**6.3**	**6.2**	80
p + m-Xylene	ppb (V/V)	190	43	44	5.0	**8.0**	**9.6**	**10**
p-Isopropyltoluene	ppb (V/V)	**46**	73	NA	NA	NA	NA	NA
sec-Butlybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Styrene	ppb (V/V)	**20**	**12**	5.0	5.0	5.0	5.0	**6.3**
Tetrachloroethene	ppb (V/V)	400	**1600**	2710	5.0	43	5.0	420
Toluene	ppb (V/V)	3900	440	290	**10**	27	30	120
trans-1,2-Dichloroethene	ppb (V/V)	10	5.0	5.0	5.0	5.0	NA	5.0
Trichloroethene	ppb (V/V)	170	240	840	5.0	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	58	3400	180	5.0	5.0	5.0	62
Vinyl Acetate	ppb (V/V)	NA	NA	48	5.0	5.0	NA	NA
Vinyl Chloride	ppb (V/V)	10	5.0	470	5.0	5.0	5.0	91

TABLE 5-25 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	0.57	0.175	4.57	39.9	0.2	0.10	1.6	1.2
Methane, CH_4	V%	0.35	0.009	0.00011	21.8	0.6	0.1	1.3	2.6
Nitrogen, N_2	V%	74	77.0	74.7	31.6	79.3	80.0	78.0	79.1
Oxygen, O_2	V%	22	22.8	18.2	6.7	19.9	19.9	18.8	18.9
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1,1-Trichloroethane	ppb (V/V)	**6.4**	0.21	10	42	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	5.0	0.18	0.18	0.18	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	5.0	0.2	0.2	22	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	140	2.5	400	835	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	**9.8**	0.23	10	82	NA	NA	NA	NA
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	**0.57**	0.2	0.2	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	5.0	0.17	0.17	7.4	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	5.0	0.2	35	0.25	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	0.18	**4.8**	20	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	5.0	0.2	0.2	**2.2**	NA	NA	NA	NA
2,2-Dichloropropane	ppb (V/V)	5.0	0.21	NA	0.25	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	**2.5**	0.56	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	0.63	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	5.0	0.88	4.6	26	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	5.0	0.2	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	5.0	0.2	0.2	0.2	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	14	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	5.0	0.2	NA	0.25	NA	NA	NA	NA
Chloroethane	ppb (V/V)	**43**	0.3	51	464	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	0.86	11	0.18	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	**11**	0.19	26	125	NA	NA	NA	NA
Dibromomethane	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	360	2.0	530	815	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	0.2	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	0.56	3.0	21	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	620	0.2	1100	1440	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	95	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	5.0	0.2	NA	0.35	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
o-Xylene	ppb (V/V)	**6.5**	0.80	32	120	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	1.9	**3.3**	18	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butlybenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Styrene	ppb (V/V)	5.0	0.16	0.16	2.5	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	34	3.8	140	490	NA	NA	NA	NA
Toluene	ppb (V/V)	**18**	4.0	49	200	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	2.6	16	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	1.1	60	200	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	**18**	0.2	19	110	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	5.0	0.2	0.2	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	**18**	0.17	25	115	NA	NA	NA	NA

TABLE 5-25 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008
Carbon Dioxide, CO_2	V%	3.91	2.2	0.10	0.1	1.33	8.9
Methane, CH_4	V%	0.001	1.5	0.1	0.1	2.09	10.4
Nitrogen, N_2	V%	75.8	78.6	79.8	79.5	77.1	66.2
Oxygen, O_2	V%	20.3	17.7	20.1	20.3	19.7	14.3
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1,1-Trichloroethane	ppb (V/V)	1.55	NA	NA	NA	4.49	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	0.18	NA	NA	NA	0.18	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	1.37	NA	NA	NA	62.0	NA
1,1-Dichloroethane	ppb (V/V)	88.0	NA	NA	NA	904	NA
1,1-Dichloroethene	ppb (V/V)	5.60	NA	NA	NA	266	NA
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	1.11	NA	NA	NA	0.80	NA
1,2-Dichloroethane	ppb (V/V)	0.19	NA	NA	NA	0.19	NA
1,2-Dichloropropane	ppb (V/V)	0.17	NA	NA	NA	0.17	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
1,3,5-Trimethylbenzene	ppb (V/V)	3.74	NA	NA	NA	1.75	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	0.18	NA
2,2-Dichloropropane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
2-Butanone	ppb (V/V)	2.43	NA	NA	NA	0.56	NA
2-Chlorotoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
4-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	6.42	NA	NA	NA	9.01	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	0.21	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Chloroethane	ppb (V/V)	18.0	NA	NA	NA	105	NA
Chloroform	ppb (V/V)	1.09	NA	NA	NA	10.6	NA
Chloromethane	ppb (V/V)	6.30	NA	NA	NA	0.18	NA
cis-1,2-Dichloroethene	ppb (V/V)	15.7	NA	NA	NA	3.65	NA
Dibromomethane	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Dichlorodifluoromethane	ppb (V/V)	37.4	NA	NA	NA	1520	NA
Dichlorofluoromethane	ppb (V/V)	0.25	NA	NA	NA	0.25	NA
Ethylbenzene	ppb (V/V)	3.75	NA	NA	NA	9.44	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Methylene Chloride	ppb (V/V)	407	NA	NA	NA	360	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	0.35	NA
n-Propylbenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
o-Xylene	ppb (V/V)	18.5	NA	NA	NA	8.06	NA
p + m-Xylene	ppb (V/V)	2.37	NA	NA	NA	7.25	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA
sec-Butlybenzene	ppb (V/V)	0.20	NA	NA	NA	0.20	NA
Styrene	ppb (V/V)	1.38	NA	NA	NA	0.68	NA
Tetrachloroethene	ppb (V/V)	112	NA	NA	NA	719	NA
Toluene	ppb (V/V)	34.5	NA	NA	NA	409	NA
trans-1,2-Dichloroethene	ppb (V/V)	1.96	NA	NA	NA	5.47	NA
Trichloroethene	ppb (V/V)	32.7	NA	NA	NA	176	NA
Trichlorofluoromethane	ppb (V/V)	3.99	NA	NA	NA	443	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	6.50	NA	NA	NA	71.8	NA

TABLE 5-25 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

ANALYTE	UNIT	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009
Carbon Dioxide, CO_2	V%	0.1	0.1	0.369	0.1	9.6	0.1	1.59
Methane, CH_4	V%	0.1	0.1	0.327	0.1	8.9	0.1	2.14
Nitrogen, N_2	V%	79.9	79.7	78.5	80.1	67.2	80.1	77.0
Oxygen, O_2	V%	20.0	20.2	20.4	19.8	14.3	19.9	19.3
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	0.18	NA	NA	NA	0.18
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	0.15	NA	NA	NA	16.8
1,1-Dichloroethane	ppb (V/V)	NA	NA	84.4	NA	NA	NA	0.20
1,1-Dichloroethene	ppb (V/V)	NA	NA	18.1	NA	NA	NA	0.23
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
1,2-Dichloroethane	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.19
1,2-Dichloropropane	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	20.1	NA	NA	NA	63.9
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	0.18	NA	NA	NA	0.18
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	0.18	NA	NA	NA	0.18
2,2-Dichloropropane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
2-Butanone	ppb (V/V)	NA	NA	0.56	NA	NA	NA	0.56
2-Chlorotoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
4-Isopropyltoluene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Bromomethane	ppb (V/V)	NA	NA	0.21	NA	NA	NA	0.21
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Chloroethane	ppb (V/V)	NA	NA	0.3	NA	NA	NA	0.3
Chloroform	ppb (V/V)	NA	NA	0.23	NA	NA	NA	0.75
Chloromethane	ppb (V/V)	NA	NA	0.18	NA	NA	NA	0.18
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.19	NA	NA	NA	0.19
Dibromomethane	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Dichlorodifluoromethane	ppb (V/V)	NA	NA	244	NA	NA	NA	615
Dichlorofluoromethane	ppb (V/V)	NA	NA	0.25	NA	NA	NA	0.25
Ethylbenzene	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17
Isopropylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Methylene Chloride	ppb (V/V)	NA	NA	18.9	NA	NA	NA	21.3
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	0.35	NA	NA	NA	0.35
n-Propylbenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
o-Xylene	ppb (V/V)	NA	NA	1.65	NA	NA	NA	0.19
p + m-Xylene	ppb (V/V)	NA	NA	3.42	NA	NA	NA	0.37
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butlybenzene	ppb (V/V)	NA	NA	0.20	NA	NA	NA	0.20
Styrene	ppb (V/V)	NA	NA	0.16	NA	NA	NA	0.16
Tetrachloroethene	ppb (V/V)	NA	NA	33.4	NA	NA	NA	96.5
Toluene	ppb (V/V)	NA	NA	9.27	NA	NA	NA	4.50
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.15	NA	NA	NA	1.06
Trichloroethene	ppb (V/V)	NA	NA	7.29	NA	NA	NA	9.66
Trichlorofluoromethane	ppb (V/V)	NA	NA	35.4	NA	NA	NA	114
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	0.17	NA	NA	NA	0.17

TABLE 5-25 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

ANALYTE	UNIT	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011
Carbon Dioxide, CO_2	V%	14.1	8.8	0.1	0.1	0.6	5.9	0.1
Methane, CH_4	V%	11.3	4.0	0.1	0.1	0.3	4.8	0.1
Nitrogen, N_2	V%	63.0	70.2	81.3	83.4	85.0	80.0	79.4
Oxygen, O_2	V%	11.6	13.7	18.6	16.5	14.1	9.3	20.6
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butlybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-25 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

ANALYTE	UNIT	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013
Carbon Dioxide, CO_2	V%	0.2	5.0	0.1	0.1	0.2	0.0	0.0
Methane, CH_4	V%	0.1	3.4	0.1	0.1	0.1	0.0	0.0
Nitrogen, N_2	V%	79.1	74.2	79.7	80.5	80.2	79.9	80.8
Oxygen, O_2	V%	20.7	17.3	20.3	19.5	19.5	20.1	19.9
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Acetone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
sec-Butlybenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-25 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5S
TOTAL DEPTH: 170 ft.

ANALYTE	UNIT	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.0	0.1	11.0	0.3	0.350	4.12	8.30	0.0	39.9
Methane, CH_4	V%	0.0	0.1	4.8	0.0	0.100	3.05	6.13	0.0	27
Nitrogen, N_2	V%	80.5	80.3	69.7	80.6	78.0	73.9	10.8	31.6	85.0
Oxygen, O_2	V%	19.5	78.4	13.4	19.1	19.9	20.6	12.1	6.7	78.4
VOLATILE ORGANIC COMPOUNDS BY TO-14										
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	8.20	58.4	115	0.21	230
1,1,2,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	14.7	30.8	0.18	110
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	5.00	62.6	120	0.15	240
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	370	937	1781	0.20	6500
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	26.1	320	752	0.23	2700
1,2,3-Trichlorotoluene	ppb (V/V)	NA	NA	NA	NA	5.00	5.00	0.0	**5**	**5**
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	29.6	101	0.20	39
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	5.00	9.35	17.5	0.19	65
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	5.00	34.4	102	0.17	75
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	5.00	268	496	0.2	**1700**
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	32.9	100	0.18	46
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	5.00	26.2	101	0.18	**24**
2,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	5.00	8.67	16.2	0.21	54
2-Butanone	ppb (V/V)	NA	NA	NA	NA	0.560	1.28	0.992	0.56	**2.5**
2-Chlorotoluene	ppb (V/V)	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
4-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	0.200	1.40	2.22	NC	NC
Acetone	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.63	2930
Benzene	ppb (V/V)	NA	NA	NA	NA	11.0	137	236	0.17	680
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	**6.6**
Bromodichloromethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	45
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.21	**18**
Carbon Disulfide	ppb (V/V)	NA	NA	NA	NA	25.0	56.3	57.3	14	130
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	5.00	5486	10818	0.2	35000
Chloroethane	ppb (V/V)	NA	NA	NA	NA	78.0	406	563	0.3	1600
Chloroform	ppb (V/V)	NA	NA	NA	NA	5.00	6.98	11.1	0.23	**42**
Chloromethane	ppb (V/V)	NA	NA	NA	NA	25.0	24.2	19.5	0.18	11
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	13.4	114	230	0.19	780
Dibromomethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	**11**
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	573	3479	6477	2.0	22000
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	5.00	571	1099	0.2	3400
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	7.52	76.0	135	0.17	320
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	34.3	113	0.20	33
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	585	2439	4233	0.2	14800
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	95.0	95.0	0.0	95	95
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	**6.2**
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	5.00	34.8	116	0.20	29
o-Xylene	ppb (V/V)	NA	NA	NA	NA	13.3	68.0	113	0.19	210
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	9.80	83.9	147	0.37	400
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	46.0	109	149	5.0	190
sec-Butlybenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	NC	NC
Styrene	ppb (V/V)	NA	NA	NA	NA	5.00	29.3	101	0.16	35
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	165	489	772	3.8	2710
Toluene	ppb (V/V)	NA	NA	NA	NA	84.5	672	1211	4.0	3900
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	5.00	26.8	103	0.15	16
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	46.4	155	243	1.1	840
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	35.2	438	1001	0.2	3400
Vinyl Acetate	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	48
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	5.00	120	269	0.17	**930**

TABLE 5-26
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	May 2001	Aug 2001	Nov 2001	Feb 2002	May 2002	Aug 2002	Nov 2002
Carbon Dioxide, CO_2	V%	1.9	0.1	0.1	0.1	0.59	0.10	0.10
Methane, CH_4	V%	1.2	0.1	0.1	0.1	0.44	0.10	0.10
Nitrogen, N_2	V%	71	74	78	78	79	83	74
Oxygen, O_2	V%	26	23	25	24	26	15	21
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1-Dichloroethane	ppb (V/V)	500	5.0	**7.9**	**8.3**	85	5.0	5.0
1,1-Dichloroethene	ppb (V/V)	37	5.0	5.0	5.0	**8.8**	5.0	5.0
1,1,1-Trichloroethane	ppb (V/V)	**16**	5.0	5.0	5.0	**13**	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	**6.4**	5.0	5.0	**11**	5.0	5.0	5.0
1,1,1,2-Tetrachloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichloropropane	ppb (V/V)	**12**	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	42	5.0	**5.2**	5.0	**19**	5.0	5.0
1,2,4-Trimethylbenzene	ppb (V/V)	**11**	5.0	5.0	**5.1**	5.0	5.0	**9.2**
1,3,5-Trimethylbenzene	ppb (V/V)	**6.0**	5.0	5.0	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	**5.4**	5.0	**5.2**	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**18**	**5.3**	31	**9.3**	5.0	5.0	5.0
Bromochloromethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Bromomethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Carbon Tetrachloride	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	1900	**19**	**15**	42	440	**8.3**	**5.8**
Chloroethane	ppb (V/V)	180	10	10	10	**49**	10	10
Chloroform	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	50	50	50	50	50	50	50
cis-1,2-Dichloroethene	ppb (V/V)	**19**	5.0	5.0	5.0	**8.5**	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	970	50	50	**64**	140	50	50
Dichlorofluoromethane	ppb (V/V)	280	5.0	5.0	5.0	54	5.0	5.0
Ethylbenzene	ppb (V/V)	**8.0**	5.0	5.0	**6.9**	**16**	**5.8**	5.0
Isopropylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Methylene Chloride	ppb (V/V)	4000	10	**49**	87	370	**19**	85
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	**5.5**	5.0	5.0	5.0	5.0	5.0	5.0
n-Propylbenzene	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
o-Xylene	ppb (V/V)	**11**	5.0	**10**	**8.4**	**10**	5.0	5.0
p + m-Xylene	ppb (V/V)	34	**11**	**11**	**14**	**10**	5.0	**6.1**
p-Isopropyltoluene	ppb (V/V)	**6.6**	**9.3**	**8.7**	**11**	**7.9**	**12**	5.0
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	180	**20**	**20**	32	55	**8.7**	**8.5**
Toluene	ppb (V/V)	64	**23**	**18**	31	48	**21**	**5.4**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	55	5.0	**5.1**	5.0	**19**	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	32	5.0	5.0	**5.7**	**6.2**	5.0	5.0
Vinyl Chloride	ppb (V/V)	5.0	5.0	5.0	5.0	**8.3**	5.0	5.0

TABLE 5-26 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	Feb 2003	May 2003	Aug 2003	Nov 2003	Feb 2004	May 2004	Jul 2004
Carbon Dioxide, CO_2	V%	7.3	14	0.23	0.10	0.10	0.1	0.2
Methane, CH_4	V%	1.2	16	0.10	0.10	0.10	0.10	0.10
Nitrogen, N_2	V%	72	56	75	64	76	75	73
Oxygen, O_2	V%	20	15	21	21	22	22	22
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1-Dichloroethane	ppb (V/V)	10	**2200**	5.0	5.0	5.0	5.0	**20**
1,1-Dichloroethene	ppb (V/V)	10	**1800**	5.0	5.0	5.0	5.0	5.0
1,1,1-Trichloroethane	ppb (V/V)	10	31	5.0	5.0	5.0	5.0	5.0
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	10	190	5.0	5.0	5.0	5.0	5.0
1,1,1,2-Tetrachloroethane	ppb (V/V)	10	56	5.0	5.0	5.0	5.0	5.0
1,2-Dichloroethane	ppb (V/V)	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1,2-Dichloropropane	ppb (V/V)	10	33	5.0	5.0	5.0	5.0	5.0
1,2-Dichlorotetrafluoroethane	ppb (V/V)	10	**1400**	5.0	5.0	5.0	**5.1**	32
1,2,4-Trimethylbenzene	ppb (V/V)	**13**	**6.9**	5.0	**8.2**	5.0	5.0	5.0
1,3,5-Trimethylbenzene	ppb (V/V)	10	**14**	5.0	5.0	5.0	5.0	5.0
1,4-Dichlorobenzene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	**25**	240	5.0	5.0	5.0	**6.1**	5.0
Bromochloromethane	ppb (V/V)	10	**11**	5.0	5.0	5.0	5.0	NA
Bromomethane	ppb (V/V)	10	5.0	5.0	5.0	**18**	5.0	5.0
Carbon Tetrachloride	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Chlorodifluoromethane	ppb (V/V)	**32**	23000	NA	NA	NA	NA	200
Chloroethane	ppb (V/V)	20	560	10	10	10	10	10
Chloroform	ppb (V/V)	140	5.0	5.0	5.0	5.0	5.0	5.0
Chloromethane	ppb (V/V)	25	25	25	25	25	25	25
cis-1,2-Dichloroethene	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0
Dichlorodifluoromethane	ppb (V/V)	100	**16000**	25	25	**69**	25	**44**
Dichlorofluoromethane	ppb (V/V)	10	**3200**	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	10	**24**	5.0	**5.1**	5.0	**5.2**	5.0
Isopropylbenzene	ppb (V/V)	10	**8.6**	NA	NA	NA	NA	5.0
Methylene Chloride	ppb (V/V)	130	**2400**	25	25	25	25	81
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	10	5.0	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	10	**5.6**	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	**12**	**21**	5.0	**7.6**	5.0	**6.1**	**5.5**
p + m-Xylene	ppb (V/V)	10	79	5.0	**9.9**	5.0	**9.3**	**6.3**
p-Isopropyltoluene	ppb (V/V)	**12**	**23**	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	**25**	**1400**	**11**	**5.9**	5.0	5.0	**16**
Toluene	ppb (V/V)	67	350	**10**	**17**	**17**	30	**20**
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	5.0
Trichloroethene	ppb (V/V)	10	200	5.0	5.0	5.0	5.0	5.0
Trichlorofluoromethane	ppb (V/V)	10	**1800**	5.0	5.0	5.0	5.0	5.0
Vinyl Chloride	ppb (V/V)	10	5.0	5.0	5.0	5.0	5.0	5.0

TABLE 5-26 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	Nov 2004	Feb 2005	May 2005	Aug 2005	Nov 2005	Feb 2006	Apr 2006	Jul 2006
Carbon Dioxide, CO_2	V%	3.5	0.159	0.79	2.3	0.10	0.10	0.10	0.10
Methane, CH_4	V%	1.5	0.019	0.000030	0.00010	0.10	0.1	0.1	0.1
Nitrogen, N_2	V%	72	83.8	77.5	75.5	79.8	79.9	80.1	80.0
Oxygen, O_2	V%	21	16.1	21.2	21.7	20.2	20.1	19.8	19.8
VOLATILE ORGANIC COMPOUNDS BY TO-14									
1,1-Dichloroethane	ppb (V/V)	800	0.21	23	24	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	**23**	0.23	0.23	1.4	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	25	0.21	0.21	0.7	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	**9.2**	0.2	0.2	**0.6**	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	ppb (V/V)	5.0	0.17	NA	0.2	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	5.0	0.17	NA	0.17	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	770	**1.5**	6.4	0.25	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	5.0	0.2	0.2	0.2	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	5.0	0.18	0.18	1.7	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	5.0	0.2	0.2	0.6	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	**4.4**	**1.9**	NA	NA	NA	NA
Benzene	ppb (V/V)	**7.0**	0.17	3.0	1.8	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Bromomethane	ppb (V/V)	5.0	0.21	0.21	0.21	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	5.0	0.19	0.19	0.19	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	9500	0.2	NA	0.25	NA	NA	NA	NA
Chloroethane	ppb (V/V)	180	0.3	5.0	6.4	NA	NA	NA	NA
Chloroform	ppb (V/V)	5.0	0.23	0.23	0.23	NA	NA	NA	NA
Chloromethane	ppb (V/V)	25	1.1	0.18	0.18	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	**21**	0.19	0.19	2.4	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	1560	0.18	48	28	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	10	NA	0.25	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	5.0	0.17	0.17	2.4	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	5.0	0.2	NA	0.2	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	2170	**1.9**	95	74	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	7.9	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	5.0	0.2	NA	0.35	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	5.0	0.2	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	5.0	0.19	2.8	6.1	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	5.0	1.9	5.8	2.3	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	1.8	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	170	2.5	8.8	21	NA	NA	NA	NA
Toluene	ppb (V/V)	**9.8**	2.8	16	13	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	5.0	0.2	0.2	**0.3**	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	5.0	0.21	4.7	5.8	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	87	0.2	0.2	2.9	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	**9.5**	0.17	0.17	1.4	NA	NA	NA	NA

TABLE 5-26 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	Nov 2006	Jan 2007	May 2007	Aug 2007	Nov 2007	Feb 2008
Carbon Dioxide, CO_2	V%	1.51	11.3	2.0	8.44	6.97	7.13
Methane, CH_4	V%	0.000030	8.36	1.3	9.62	7.72	7.53
Nitrogen, N_2	V%	78.3	68.1	77.9	67.1	69.1	70.5
Oxygen, O_2	V%	20.2	12.2	18.8	12.7	15.9	14.5
VOLATILE ORGANIC COMPOUNDS BY TO-14							
1,1-Dichloroethane	ppb (V/V)	3.54	1910	NA	978	1040	876
1,1-Dichloroethene	ppb (V/V)	0.23	776	NA	291	365	266
1,1,1-Trichloroethane	ppb (V/V)	0.21	11.2	NA	5.00	3.71	2.52
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	0.15	126	NA	98.8	54.4	47.2
1,1,1,2-Tetrachloroethane	ppb (V/V)	0.20	0.20	NA	NA	0.20	0.20
1,2-Dichloroethane	ppb (V/V)	0.19	0.19	NA	0.19	7.81	4.86
1,2-Dichloropropane	ppb (V/V)	0.17	0.17	NA	0.17	0.17	0.17
1,2-Dichlorotetrafluoroethane	ppb (V/V)	0.25	0.25	NA	33.5	0.25	19.8
1,2,4-Trimethylbenzene	ppb (V/V)	1.06	6.44	NA	2.68	1.39	4.24
1,3,5-Trimethylbenzene	ppb (V/V)	0.93	13.0	NA	0.18	2.48	0.18
1,4-Dichlorobenzene	ppb (V/V)	0.18	0.18	NA	0.2	0.18	0.18
2-Butanone	ppb (V/V)	**0.99**	0.56	NA	NA	0.56	0.56
Benzene	ppb (V/V)	0.68	125	NA	19.2	57.5	31.3
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	0.21	0.21	NA	0.21	0.21	0.21
Carbon Tetrachloride	ppb (V/V)	0.19	0.19	NA	3.64	3.13	2.42
Chlorodifluoromethane	ppb (V/V)	0.25	0.25	NA	NA	0.25	0.25
Chloroethane	ppb (V/V)	0.3	238	NA	41.4	71.5	45.7
Chloroform	ppb (V/V)	0.23	0.23	NA	18.4	9.95	7.93
Chloromethane	ppb (V/V)	0.18	0.18	NA	0.18	0.18	0.18
cis-1,2-Dichloroethene	ppb (V/V)	0.55	5.5	NA	0.19	0.19	0.92
Dichlorodifluoromethane	ppb (V/V)	2.51	1150	NA	2950	1540	1940
Dichlorofluoromethane	ppb (V/V)	0.25	0.25	NA	NA	0.25	0.18
Ethylbenzene	ppb (V/V)	0.79	18.4	NA	0.17	11.5	0.90
Isopropylbenzene	ppb (V/V)	0.20	0.20	NA	0.20	10.3	0.20
Methylene Chloride	ppb (V/V)	8.48	424	NA	130	184	114
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	0.35	0.35	NA	NA	0.35	0.35
n-Propylbenzene	ppb (V/V)	0.20	0.20	NA	NA	0.20	0.20
o-Xylene	ppb (V/V)	1.62	42.7	NA	2.20	12.3	2.29
p + m-Xylene	ppb (V/V)	1.13	61.9	NA	0.37	21.2	1.71
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	0.20	0.20
Styrene	ppb (V/V)	0.69	2.89	NA	2.20	0.65	0.16
Tetrachloroethene	ppb (V/V)	11.3	852	NA	339	620	410
Toluene	ppb (V/V)	2.65	504	NA	11.4	430	25.8
trans-1,2-Dichloroethene	ppb (V/V)	0.15	9.22	NA	NA	3.80	2.67
Trichloroethene	ppb (V/V)	1.43	264	NA	76.2	139	82.3
Trichlorofluoromethane	ppb (V/V)	**0.59**	126	NA	692	349	322
Vinyl Chloride	ppb (V/V)	0.17	202	NA	42.0	64.5	43.1

TABLE 5-26 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	May 2008	Aug 2008	Oct 2008	Jan 2009	May 2009	Aug 2009	Nov 2009
Carbon Dioxide, CO_2	V%	0.1	0.1	0.328	0.1	10.3	0.1	0.706
Methane, CH_4	V%	0.1	0.1	0.296	0.1	11.4	0.1	0.392
Nitrogen, N_2	V%	79.9	79.8	78.3	80.1	65.6	80.2	78.5
Oxygen, O_2	V%	20.0	20.1	20.6	19.8	12.1	19.8	20.4
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1-Dichloroethane	ppb (V/V)	NA	NA	73.2	NA	1050	NA	102
1,1-Dichloroethene	ppb (V/V)	NA	NA	16.3	NA	360	NA	2.20
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	0.21	NA	2.36	NA	0.21
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	0.15	NA	73.2	NA	0.15
1,1,1,2-Tetrachloroethane	ppb (V/V)	NA	NA	0.20	NA	0.20	NA	0.20
1,2-Dichloroethane	ppb (V/V)	NA	NA	0.19	NA	8.36	NA	0.19
1,2-Dichloropropane	ppb (V/V)	NA	NA	0.17	NA	0.17	NA	0.17
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	17.8	NA	13.1	NA	13.8
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	0.20	NA	1.20	NA	0.20
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	0.18	NA	0.18	NA	0.18
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	0.18	NA	0.18	NA	0.18
2-Butanone	ppb (V/V)	NA	NA	0.56	NA	0.56	NA	3.33
Benzene	ppb (V/V)	NA	NA	2.43	NA	45.8	NA	0.58
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	0.21	NA	0.21	NA	0.21
Carbon Tetrachloride	ppb (V/V)	NA	NA	0.19	NA	5.14	NA	0.19
Chlorodifluoromethane	ppb (V/V)	NA	NA	0.25	NA	0.25	NA	0.25
Chloroethane	ppb (V/V)	NA	NA	0.3	NA	49.4	NA	8.02
Chloroform	ppb (V/V)	NA	NA	0.23	NA	10.7	NA	3.20
Chloromethane	ppb (V/V)	NA	NA	0.18	NA	0.18	NA	0.18
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.19	NA	1.27	NA	0.19
Dichlorodifluoromethane	ppb (V/V)	NA	NA	219	NA	948	NA	75.3
Dichlorofluoromethane	ppb (V/V)	NA	NA	0.18	NA	0.18	NA	0.18
Ethylbenzene	ppb (V/V)	NA	NA	0.17	NA	2.64	NA	0.17
Isopropylbenzene	ppb (V/V)	NA	NA	0.20	NA	0.20	NA	0.20
Methylene Chloride	ppb (V/V)	NA	NA	16.9	NA	128	NA	178
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	0.35	NA	0.35	NA	0.35
n-Propylbenzene	ppb (V/V)	NA	NA	0.20	NA	0.20	NA	0.20
o-Xylene	ppb (V/V)	NA	NA	1.40	NA	6.61	NA	0.76
p + m-Xylene	ppb (V/V)	NA	NA	2.77	NA	11.9	NA	1.14
p-Isopropyltoluene	ppb (V/V)	NA	NA	0.20	NA	0.20	NA	0.20
Styrene	ppb (V/V)	NA	NA	0.16	NA	0.16	NA	0.16
Tetrachloroethene	ppb (V/V)	NA	NA	29.3	NA	797	NA	64.9
Toluene	ppb (V/V)	NA	NA	8.38	NA	72.7	NA	4.06
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.15	NA	3.37	NA	1.11
Trichloroethene	ppb (V/V)	NA	NA	6.34	NA	169	NA	10.6
Trichlorofluoromethane	ppb (V/V)	NA	NA	32.1	NA	461	NA	6.58
Vinyl Chloride	ppb (V/V)	NA	NA	0.17	NA	41.7	NA	0.17

TABLE 5-26 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	Jan 2010	May 2010	Aug 2010	Nov 2010	Jan 2011	May 2011	Aug 2011
Carbon Dioxide, CO_2	V%	10.6	10.5	0.1	0.1	0.1	6.0	0.1
Methane, CH_4	V%	12.5	4.7	0.1	0.1	0.1	4.6	0.1
Nitrogen, N_2	V%	61.3	90.3	81.3	83.3	81.4	80.2	79.3
Oxygen, O_2	V%	14.4	11.8	18.7	16.6	18.6	9.2	20.7
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1-Dichloroethane	ppb (V/V)	1160	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	370	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	1.47	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	57.4	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	7.96	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	0.17	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	19.9	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	1.64	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	3.61	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	0.56	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	47.8	NA	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	0.21	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	0.19	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	0.25	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	49.40	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	8.61	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	0.19	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	69.9	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	0.18	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	0.17	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	230	NA	NA	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	0.35	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	6.07	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	14.7	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	0.20	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	0.16	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	574	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	40.6	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	0.15	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	310	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	135	NA	NA	NA	NA	NA	NA

TABLE 5-26 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	Nov 2011	Jan 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	May 2013
Carbon Dioxide, CO_2	V%	0.1	0.3	0.1	0.1	4.1	0.7	0.0
Methane, CH_4	V%	0.1	0.1	0.1	0.1	3.5	1.6	0.0
Nitrogen, N_2	V%	79.2	79.3	79.7	80.4	76.2	78.1	80.9
Oxygen, O_2	V%	20.8	20.4	20.3	19.6	16.2	19.4	19.6
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
2-Butanone	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA

TABLE 5-26 (CONT'D)
VICTORVILLE SANITARY LANDFILL
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - MONITORING PROBE VSLG-5D
TOTAL DEPTH: 239 ft.

ANALYTE	UNIT	Aug 2013	Oct 2013	Jan 2014	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
Carbon Dioxide, CO_2	V%	0.0	2.0	0.34	5.3	0.180	2.60	4.12	0.0	14
Methane, CH_4	V%	0.0	1.7	0.049	3.9	0.100	2.26	4.20	0.0	16
Nitrogen, N_2	V%	80.5	78.4	78	73	78.3	76.2	6.99	56	90.3
Oxygen, O_2	V%	19.5	17.9	22	18	19.9	18.9	3.94	9.2	26
VOLATILE ORGANIC COMPOUNDS BY TO-14										
1,1-Dichloroethane	ppb (V/V)	NA	NA	24	730	23.0	452	696	0.21	**2200**
1,1-Dichloroethene	ppb (V/V)	NA	NA	0.32	230	5.00	213	475	0.23	**1800**
1,1,1-Trichloroethane	ppb (V/V)	NA	NA	0.32	0.64	5.00	7.04	8.58	0.21	31
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	**1.1**	51	5.00	31.9	54.4	0.15	190
1,1,1,2-Tetrachloroethane	ppb (V/V)	NA	NA	0.42	NA	5.00	7.01	14.4	0.17	56
1,2-Dichloroethane	ppb (V/V)	NA	NA	0.25	0.50	5.00	3.93	2.77	0.19	8.36
1,2-Dichloropropane	ppb (V/V)	NA	NA	0.34	0.68	5.00	5.36	8.43	0.17	33
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	130	5.20	133	378	0.25	**1400**
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA	0.29	0.50	5.00	4.53	3.73	0.20	**13**
1,3,5-Trimethylbenzene	ppb (V/V)	NA	NA	0.60	1.20	5.00	4.38	4.06	0.18	**14**
1,4-Dichlorobenzene	ppb (V/V)	NA	NA	0.33	0.66	5.00	3.06	2.77	0.18	**5.4**
2-Butanone	ppb (V/V)	NA	NA	NA	NA	0.560	1.58	1.56	0.56	**4.4**
Benzene	ppb (V/V)	NA	NA	0.34	48.00	5.30	32.8	62.9	0.17	240
Bromochloromethane	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	**11**
Bromomethane	ppb (V/V)	NA	NA	0.44	0.88	NC	NC	NC	0.21	**18**
Carbon Tetrachloride	ppb (V/V)	NA	NA	0.28	0.57	5.00	3.49	2.53	0.19	5.14
Chlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	5.80	2529	6759	0.2	23000
Chloroethane	ppb (V/V)	NA	NA	0.36	0.72	10.0	74.7	147	0.3	560
Chloroform	ppb (V/V)	NA	NA	3.3	8.2	5.00	14.2	35.1	0.23	140
Chloromethane	ppb (V/V)	NA	NA	0.26	0.26	NC	NC	NC	0.18	1.1
cis-1,2-Dichloroethene	ppb (V/V)	NA	NA	0.25	0.25	5.00	5.06	5.94	0.19	**21**
Dichlorodifluoromethane	ppb (V/V)	NA	NA	46	1000	69.0	1524	4076	0.18	**16000**
Dichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	5.00	323	958	0.18	**3200**
Ethylbenzene	ppb (V/V)	NA	NA	0.25	0.50	5.00	6.13	6.75	0.17	**24**
Isopropylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	10.3
Methylene Chloride	ppb (V/V)	NA	NA	0.25	0.50	87.0	520	1121	**1.9**	4000
Methyl-t-butyl ether	ppb (V/V)	NA	NA	NA	NA	7.90	7.90	1E-15	7.9	7.9
Naphthalene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.2	**5.5**
n-Propylbenzene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	**5.6**
o-Xylene	ppb (V/V)	NA	NA	0.35	0.70	5.50	8.60	10.4	0.19	42.7
p + m-Xylene	ppb (V/V)	NA	NA	0.55	1.10	6.30	14.7	21.6	0.37	79
p-Isopropyltoluene	ppb (V/V)	NA	NA	NA	NA	NC	NC	NC	0.20	**23**
Styrene	ppb (V/V)	NA	NA	13	0.53	0.405	1.01	1.12	0.16	13.00
Tetrachloroethene	ppb (V/V)	NA	NA	35	370	25.0	245	406	2.5	**1400**
Toluene	ppb (V/V)	NA	NA	0.26	15	20.0	81.7	152	2.65	504
trans-1,2-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	1.11	2.71	3.21	0.15	9.22
Trichloroethene	ppb (V/V)	NA	NA	4.2	52	5.10	50.4	80.2	0.21	264
Trichlorofluoromethane	ppb (V/V)	NA	NA	6.7	270	5.70	210	472	0.2	**1800**
Vinyl Chloride	ppb (V/V)	NA	NA	0.26	47	5.00	28.3	55.6	0.17	202

TABLE 5-27
VICTORVILLE SANITARY LANDFILL
COMPARISON DATA
SOIL-PORE GAS RESULTS

ANALYTE	UNIT	PROBE LOCATION			
		VSLG-1S 04/15/14 60-68 ft.	VSLG-1D 04/15/14 98-106 ft.	VSLG-3S 04/15/14 64-72 ft.	VSLG-3D 04/15/14 102-110 ft.
Carbon Dioxide, CO_2	V%	0.1	0.0	0.3	0.5
Methane, CH_4	V%	0.3	0.4	0.0	0.0
Nitrogen, N_2	V%	83.2	83.3	81.0	81.0
Oxygen, O_2	V%	16.3	16.3	18.7	18.4
VOLATILE ORGANIC COMPOUNDS BY TO-14:					
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA
Benzene	ppb (V/V)	NA	NA	NA	NA
Chloroform	ppb (V/V)	NA	NA	NA	NA
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA
Toluene	ppb (V/V)	NA	NA	NA	NA
Trichloroethene	ppb (V/V)	NA	NA	NA	NA
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA

TABLE 5-27 (CONT'D)
VICTORVILLE SANITARY LANDFILL
COMPARISON DATA
SOIL-PORE GAS RESULTS

ANALYTE	UNIT	PROBE LOCATION				
		VSLG-4S 04/15/14 59.5-73.55 ft.	VSLG-4I 04/15/14 109.5-123 ft.	VSLG-4D 04/15/14 169.5-182.3 ft.	VSLG-5S 04/15/14 159.5-173 ft.	VSLG-5D 04/15/14 228.5-241.7 ft.
Carbon Dioxide, CO_2	V%	0.3	0.0	0.4	0.3	5.3
Methane, CH_4	V%	0.0	0.0	0.1	0.0	3.9
Nitrogen, N_2	V%	84.3	80.6	84.7	80.6	73
Oxygen, O_2	V%	15.4	19.4	14.8	19.1	18
VOLATILE ORGANIC COMPOUNDS BY TO-14:						
1,1,2-Trichloro-1,2,2-Trifluoroethane	ppb (V/V)	NA	NA	NA	NA	51
1,1-Dichloroethane	ppb (V/V)	NA	NA	NA	NA	730
1,1-Dichloroethene	ppb (V/V)	NA	NA	NA	NA	230
1,2-Dichlorotetrafluoroethane	ppb (V/V)	NA	NA	NA	NA	130
Benzene	ppb (V/V)	NA	NA	NA	NA	24
Chloroform	ppb (V/V)	NA	NA	NA	NA	8.2
Dichlorodifluoromethane	ppb (V/V)	NA	NA	NA	NA	1000
Tetrachloroethene	ppb (V/V)	NA	NA	NA	NA	370
Toluene	ppb (V/V)	NA	NA	NA	NA	15
Trichloroethene	ppb (V/V)	NA	NA	NA	NA	52
Trichlorofluoromethane	ppb (V/V)	NA	NA	NA	NA	270
Vinyl Chloride	ppb (V/V)	NA	NA	NA	NA	47

TABLE 5-28
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE L-1A

ANALYTE	UNITS	Nov 2009	Apr 2010	Oct 2010	Apr 2011	Oct 2011	Oct 2012	Apr 2013	Oct 2013	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS															
Oxygen, Dissolved	mg/L	4.70	1.57	3.50	5.09	1.81	3.65	1.79	2.33	2.87	2.92	3.11	1.48	1.57	5.09
Oxidation Reduction Potential	mV	-7	<5	83	-79	-44	-195	-132	134	129	83.0	95.8	25.5	83	134
pH	units	6.55	6.67	6.68	6.39	6.51	6.50	6.58	7.39	6.97	6.55	6.64	0.303	6.39	7.39
Specific Conductance	µmhos/cm	2880	2770	2010	2780	2440	2320	2690	2150	2080	2565	2493	352	2010	2880
Temperature	F°	69.4	64.8	71.1	70.5	68.2	90.7	77.9	81.4	79.8	70.8	74.9	9.81	64.8	90.7
Turbidity	NTU	220	84.7	5.6	8.5	367	12.9	2.5	25.1	5.3	19.0	110	151	2.5	367
GENERAL CHEMISTRY															
Chloride	mg/L	69	140	140	150	170	180	170	180	180	160	145	42.9	69	180
Cyanide, Total	mg/L	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	0.026	**0.056**	**0.074**	**0.14**	0.20	0.042	0.021	0.025	0.050	NC	NC	NC	0.021	**0.14**
Sulfate	mg/L	**0.62**	**1.5**	1.4	9.2	**0.94**	0.24	**0.33**	1.6	2.1	1.17	2.53	3.55	0.24	9.2
Sulfide, Total	mg/L	0.050	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	980	1600	980	1800	1400	1200	1600	1300	1200	1350	1364	328	980	1800
METALS															
Antimony	µg/L	0.17	NA	13	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	µg/L	0.52	1.1	9.8	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Barium	µg/L	280	640	450	NA	NA	NA	NA	NA	NA	450	458	180	280	640
Beryllium	µg/L	1.1	NA	1	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Cadmium	µg/L	0.13	NA	1	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Chromium, Total	µg/L	0.86	NA	**2.3**	1.0	NA	NA	NA	NA	NA	NC	NC	NC	0.86	**2.3**
Cobalt	µg/L	3.7	NA	5	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Copper	µg/L	1.5	NA	**5.5**	NA	NA	NA	NA	NA	NA	NC	NC	NC	1.5	**5.5**
Lead	µg/L	**0.077**	**0.21**	5	NA	NA	NA	NA	NA	NA	NC	NC	NC	**0.077**	**0.21**
Mercury	µg/L	0.016	NA	**0.038**	**0.12**	NA	NA	NA	NA	NA	NC	NC	NC	0.016	**0.12**
Molybdenum	µg/L	NA	NA	**10**	NA	NA	NA	NA	NA	NA	NC	NC	NC	**10**	**10**
Nickel	µg/L	3.9	9.0	**4.7**	NA	NA	NA	NA	NA	NA	4.70	6.10	2.67	3.9	9.0
Selenium	µg/L	0.38	**0.73**	15	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.38	**0.73**
Silver	µg/L	1.8	NA	**1.3**	1.0	NA	NA	NA	NA	NA	NC	NC	NC	1.0	**1.3**
Thallium	µg/L	0.11	NA	17	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Tin	µg/L	7.0	NA	7	7.0	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Vanadium	µg/L	1.5	NA	1.6	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Zinc	µg/L	17	**15**	110	NA	NA	NA	NA	NA	NA	17.0	53.4	51.7	**15**	110
VOLATILE ORGANIC COMPOUNDS															
1,1-Dichloroethane	µg/L	16	19	9.9	19	16	10	13	8.0	4.9	14.5	14.0	4.34	8.0	19
1,2-Dichlorobenzene	µg/L	**0.070**	0.068	0.072	0.072	0.072	**0.11**	0.072	0.072	0.072	NC	NC	NC	0.068	**0.11**
1,2-Dichloroethane	µg/L	17	17	11	13	11	4.2	7.0	0.17	NA	11.0	10.2	6.06	0.17	17
1,2-Dichloropropane	µg/L	3.7	4.1	2.2	3.9	3.8	3.4	5.4	1.5	**0.46**	3.75	3.56	1.30	1.5	5.4
1,2,4-Trimethylbenzene	µg/L	0.56	**0.48**	0.12	**0.40**	**0.29**	**0.41**	0.89	0.12	0.12	0.405	0.428	0.289	0.12	0.89
1,3,5-Trimethylbenzene	µg/L	**0.38**	**0.30**	0.12	**0.29**	**0.21**	**0.25**	**0.44**	0.12	0.12	NC	NC	NC	0.12	**0.44**
1,4-Dichlorobenzene	µg/L	1.4	1.2	1.0	1.0	0.88	0.95	1.20	0.92	1.0	1.00	1.08	0.202	0.88	1.4
2-Chlorotoluene	µg/L	**0.20**	0.18	0.20	0.20	0.20	0.20	0.20	0.20	0.20	NC	NC	NC	0.18	**0.20**
Acetone	µg/L	10	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	NC	NC	NC	4.6	10
Benzene	µg/L	14	19	2.3	17	9.2	4.7	23	0.083	0.083	11.6	11.5	8.87	0.083	23
Chlorobenzene	µg/L	0.081	0.081	0.093	0.093	0.093	0.093	**0.11**	0.093	0.093	NC	NC	NC	0.081	**0.11**
Chloroethane	µg/L	0.11	0.11	0.14	0.14	0.14	0.14	**0.27**	0.14	0.14	NC	NC	NC	0.11	**0.27**
cis-1,2-Dichloroethene	µg/L	7.2	12	7.7	16	19	13	30	**0.42**	0.83	12.5	14.3	9.79	**0.42**	30
Dichlorodifluoromethane	µg/L	1.4	0.11	**0.41**	**0.26**	0.11	0.099	**0.12**	0.099	0.099	0.115	0.411	0.531	0.099	1.4
Ethylbenzene	µg/L	17	21	**0.25**	13	7.8	7.5	13	0.098	**0.11**	10.4	10.1	8.22	0.098	21
Isopropylbenzene	µg/L	**0.16**	**0.18**	0.50	**0.15**	0.50	**0.15**	**0.27**	0.01	0.14	NC	NC	NC	0.01	**0.27**
Methylene Chloride	µg/L	2.3	0.50	**0.58**	0.48	**0.82**	0.48	0.48	0.48	0.48	0.490	0.890	0.751	0.48	2.3
Methyl ethyl ketone	µg/L	2.50	2.50	2.50	2.50	3.50	2.5	2.5	2.5	2.5	NC	NC	NC	NC	NC
Methyl t-butyl ether	µg/L	0.11	0.11	18	NA	NA	NA	NA	NA	NA	NC	NC	NC	0.11	18
Naphthalene	µg/L	1.9	0.36	0.36	0.36	0.36	2.0	1.9	0.36	0.36	0.360	0.996	0.822	0.36	2.0
n-Propylbenzene	µg/L	**0.16**	**0.13**	0.11	0.11	0.11	0.11	**0.18**	0.11	0.11	NC	NC	NC	0.11	**0.18**
o-Xylene	µg/L	5.2	5.7	1.7	4.5	3.5	2.3	1.9	0.082	0.082	2.90	3.23	1.97	0.082	5.7
p + m-Xylene	µg/L	4.0	3.8	0.28	2.5	3.0	5.8	15	0.28	0.28	3.40	4.99	5.58	0.28	15
p-Isopropyltoluene	µg/L	0.76	0.072	0.12	**0.33**	**0.15**	**0.15**	**0.32**	0.12	0.12	0.150	0.285	0.266	0.072	0.76
Styrene	µg/L	5.4	0.093	1.7	0.78	0.068	0.068	**0.48**	**0.080**	0.068	0.287	1.41	2.16	0.068	5.4
Tetrachloroethene	µg/L	2.0	1.6	1.3	1.4	0.84	0.69	0.38	0.54	0.55	1.07	1.11	0.631	0.38	2.0
Toluene	µg/L	20	2.0	1.2	0.90	2.1	1.8	2.5	0.093	0.093	1.90	5.15	7.86	0.093	20
trans-1,2-Dichloroethene	µg/L	**0.11**	0.097	0.15	**0.18**	**0.16**	0.15	**0.22**	0.15	0.15	NC	NC	NC	0.097	**0.22**
Trichloroethene	µg/L	1.3	1.1	0.79	0.78	0.53	**0.34**	**0.24**	**0.17**	**0.15**	0.655	0.679	0.441	**0.17**	1.3
Trichlorofluoromethane	µg/L	0.11	2.0	0.13	0.13	0.13	0.13	0.13	0.13	0.13	NC	NC	NC	0.11	2.0
Vinyl Chloride	µg/L	**0.27**	0.14	0.12	**0.16**	**0.29**	**0.26**	0.84	0.12	0.12	0.210	0.316	0.284	0.12	0.84
Xylenes, Total	µg/L	0.36	0.36	1.7	0.36	0.36	NA	NA	NA	NA	NC	NC	NC	0.36	1.7
BASE NEUTRAL AND ACID EXTRACTABLES ORGANIC ANALYSES															
1,3-Dichlorobenzene	µg/L	0.35	0.35	0.35	**1.1**	NA	NA	NA	NA	0.15	0.350	0.600	0.387	0.35	**1.1**
bis(2-Ethylhexyl)phthalate	µg/L	**3.9**	3.0	5.1	3.0	NA	NA	NA	NA	NA	3.45	3.85	1.03	3.0	5.1

TABLE 5-29
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE L-1B

ANALYTE	UNITS	Nov 2009	Apr 2010	Oct 2010	Apr 2011	Sept 2011	Oct 2011	Apr 2012
FIELD PARAMETERS								
Oxygen, Dissolved	mg/L	6.92	0.36	3.00	4.89	NA	2.26	NA
Oxidation Reduction Potential	mV	277	-104	-128	-46	NA	-40	NA
pH	units	7.84	7.04	6.76	6.46	7.61	6.52	NA
Specific Conductance	µmhos/cm	3050	2650	3840	2930	4860	4740	NA
Temperature	F°	57.0	63.8	70.8	71.8	NA	64.0	NA
Turbidity	NTU	180	99.2	37	24.2	NA	142	NA
GENERAL CHEMISTRY								
Chloride	mg/L	160	60	230	540	560	490	NA
Cyanide, Total	mg/L	0.0028	NA	NA	NA	0.0016	NA	NA
Nitrate (as N)	mg/L	0.026	0.028	0.028	0.070	**0.23**	0.10	NA
Sulfate	mg/L	120	5.7	0.20	**1.4**	9.3	110	NA
Sulfide, Total	mg/L	0.050	NA	NA	NA	0.050	NA	NA
Total Dissolved Solids (TDS)	mg/L	710	1800	3100	3400	3400	3100	NA
METALS								
Antimony	µg/L	0.17	NA	13	NA	13	NA	NA
Arsenic	µg/L	10	21	**16**	NA	**32**	NA	NA
Barium	µg/L	70	1300	1200	NA	1800	NA	NA
Beryllium	µg/L	1.1	NA	1.0	NA	1	NA	NA
Boron	µg/L	NA	NA	NA	NA	NA	NA	NA
Cadmium	µg/L	0.13	NA	1.0	NA	1	NA	NA
Calcium	µg/L	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	µg/L	0.86	NA	1.0	**1.1**	1	NA	NA
Cobalt	µg/L	3.7	NA	5.0	NA	5	NA	NA
Copper	µg/L	1.5	NA	2.3	NA	**5**	NA	NA
Iron	µg/L	NA	NA	NA	NA	NA	NA	NA
Lead	µg/L	0.054	**0.82**	5.0	NA	**10**	NA	NA
Magnesium	µg/L	NA	NA	NA	NA	NA	NA	NA
Manganese	µg/L	NA	NA	NA	NA	NA	NA	NA
Mercury	µg/L	0.016	NA	0.0	0.034	**0.062**	NA	NA
Molybdenum	µg/L	NA	NA	**8.3**	NA	**7.5**	NA	NA
Nickel	µg/L	2.6	8.8	**6.9**	NA	24	NA	NA
Potassium	µg/L	NA	NA	NA	NA	NA	NA	NA
Selenium	µg/L	**0.50**	**0.58**	15	NA	0.15	NA	NA
Silver	µg/L	1.8	NA	1.0	**1.2**	**6.4**	NA	NA
Sodium	µg/L	NA	NA	NA	NA	NA	NA	NA
Thallium	µg/L	0.11	NA	17	NA	17	NA	NA
Tin	µg/L	7.0	NA	**8.4**	7.0	NA	NA	NA
Vanadium	µg/L	1.5	NA	1.6	NA	16	NA	NA
Zinc	µg/L	28	99	**12**	NA	**18**	NA	NA
VOLATILE ORGANIC COMPOUNDS								
1,1-Dichloroethane	µg/L	0.081	2.7	2.6	0.11	**0.17**	12	1.3
1,1,1-Trichloroethane	µg/L	0.081	1.1	0.57	0.11	0.11	0.53	0.11
1,2-Dichloroethane	µg/L	**0.20**	9.7	13	3.6	2.5	120	7.6
1,2-Dichloropropane	µg/L	0.13	0.13	**0.29**	0.13	0.13	3.0	**0.25**
1,2,4-Trimethylbenzene	µg/L	0.11	**0.11**	**0.21**	**0.17**	**0.31**	1.2	0.12
1,3,5-Trimethylbenzene	µg/L	0.12	0.12	0.12	0.12	0.12	0.70	0.12
1,4-Dichlorobenzene	µg/L	0.062	0.062	0.062	0.062	0.062	1.0	0.062
Acetone	µg/L	4.6	500	420	4.6	13	94	**4.6**
Benzene	µg/L	0.086	1.7	2.1	1.2	3.5	11	0.083
Carbon Disulfide	µg/L	**0.39**	0.35	**0.68**	0.38	0.38	0.38	0.38
Chloroethane	µg/L	0.14	0.14	0.14	1.9	0.14	4.6	0.14
Chloroform	µg/L	0.12	0.12	0.12	0.12	0.12	**0.12**	0.12
Chloromethane	µg/L	0.14	0.14	0.14	0.14	0.14	1.4	0.14
cis-1,2-Dichloroethene	µg/L	0.085	0.085	0.085	**0.42**	2.4	2.9	**0.13**
trans-1,2-Dichloroethene	µg/L	0.15	0.15	0.15	0.15	0.15	0.69	0.15
Dichlorodifluoromethane	µg/L	0.099	0.099	**0.16**	0.099	0.10	1.3	0.099
Ethylbenzene	µg/L	0.12	1.3	1.6	1.1	3.1	12	**0.11**
Isopropylbenzene	µg/L	0.14	0.14	0.14	0.14	0.14	**0.37**	0.14
Methylene Chloride	µg/L	0.50	78	79	0.48	0.48	150	**0.58**
Methyl ethyl ketone	µg/L	2.50	2.50	200	210	**6.3**	140	2.50
Methyl isobutyl ketone	µg/L	2.1	2.1	2.1	**8.8**	2.1	15	2.10
Methyl t-butyl ether	µg/L	0.11	0.11	2.1	NA	NA	NA	NA
n-Propylbenzene	µg/L	0.11	0.11	0.11	0.11	0.11	**0.30**	0.11
o-Xylene	µg/L	0.12	1.2	1.2	0.75	1.6	7.5	**0.14**
p + m-Xylenes	µg/L	0.18	3.2	0.28	1.6	3.7	16	0.28
p-Isopropyltoluene	µg/L	**0.14**	0.072	0.55	0.63	2.40	7.0	0.12
Styrene	µg/L	0.068	0.068	1.3	**0.29**	0.068	8.5	0.068
Tetrachlorothene	µg/L	0.13	**0.43**	0.91	0.13	**0.14**	3.5	**0.19**
Toluene	µg/L	0.093	21	16	7.6	14	47	0.093
Trichloroethene	µg/L	0.13	0.76	**0.38**	**0.16**	0.09	2.9	**0.20**
Trichlorofluoromethane	µg/L	0.11	0.72	**0.36**	0.13	0.13	0.67	0.13
Vinyl Chloride	µg/L	0.12	0.12	0.12	0.12	0.12	**0.18**	0.12
Xylenes, Total	µg/L	0.36	0.36	1.2	0.36	0.36	0.36	NA

TABLE 5-29 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE L-1B

ANALYTE	UNITS	Nov 2009	Apr 2010	Oct 2010	Apr 2011	Sept 2011	Oct 2011	Apr 2012
BASE NEUTRAL AND ACID EXTRACTABLES ORGANIC ANALYSIS								
2-Methylphenol	µg/L	1.0	**1.2**	10	10	10	NA	NA
3- & 4-Methylphenol	µg/L	1.6	4.1	660	180	1.6	NA	NA
Benzoic Acid	µg/L	5.8	60	470	840	5.8	NA	NA
Phenol	µg/L	0.20	20	50	150	0.20	NA	NA
ORGANOCHLORINE PESTICIDES AND PCB'S (EPA 8080) µg/L:								
PCB-1016	µg/L	NA	NA	NA	NA	0.54	NA	NA
ORGANO-PHOSPHORUS PESTICIDES (EPA 8141) µg/L: ND								
CHLORINATED HERBICIDES (EPA 8151) µg/L: ND								

TABLE 5-29 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE L-1B

ANALYTE	UNITS	Oct 2012	Apr 2013	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS									
Oxygen, Dissolved	mg/L	7.43	1.98	NA	3.00	3.83	2.65	0.36	7.43
Oxidation Reduction Potential	mV	-46	-126	NA	NC	NC	NC	277	277
pH	units	6.60	6.34	NA	6.68	6.90	0.557	6.34	7.84
Specific Conductance	µmhos/cm	1940	2960	NA	3005	3371	1024	1940	4860
Temperature	F°	81.7	72.1	NA	70.8	68.7	7.92	57.0	81.7
Turbidity	NTU	11.2	14.3	NA	37.0	72.6	68.1	11.2	180
GENERAL CHEMISTRY									
Chloride	mg/L	280	260	260	270	323	186	60	560
Cyanide, Total	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Nitrate (as N)	mg/L	0.042	0.042	0.042	NC	NC	NC	0.026	**0.23**
Sulfate	mg/L	49	21	21	15.2	39.6	49.2	0.20	120
Sulfide, Total	mg/L	NA	NA	NA	NC	NC	NC	NC	NC
Total Dissolved Solids (TDS)	mg/L	1900	1900	1900	2500	2414	978	710	3400
METALS									
Antimony	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Arsenic	µg/L	NA	NA	NA	18.5	19.8	9.32	10	**32**
Barium	µg/L	NA	NA	NA	1250	1093	730	70	1800
Beryllium	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Boron	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Cadmium	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Calcium	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Chromium, Total	µg/L	NA	NA	NA	NC	NC	NC	0.86	**1.1**
Cobalt	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Copper	µg/L	NA	NA	NA	NC	NC	NC	1.5	**5**
Iron	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Lead	µg/L	NA	NA	NA	NC	NC	NC	0.054	**10**
Magnesium	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Manganese	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Mercury	µg/L	NA	NA	NA	NC	NC	NC	0.016	**0.062**
Molybdenum	µg/L	NA	NA	NA	NC	NC	NC	**7.5**	**8.3**
Nickel	µg/L	NA	NA	NA	7.85	10.6	9.32	2.6	24
Potassium	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Selenium	µg/L	NA	NA	NA	NC	NC	NC	0.15	**0.58**
Silver	µg/L	NA	NA	NA	NC	NC	NC	1.0	**6.4**
Sodium	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Thallium	µg/L	NA	NA	NA	NC	NC	NC	NC	NC
Tin	µg/L	NA	NA	NA	NC	NC	NC	7.0	**8.4**
Vanadium	µg/L	NA	NA	NA	NC	NC	NC	1.5	16
Zinc	µg/L	NA	NA	NA	23.0	39.3	40.4	**12**	99
VOLATILE ORGANIC COMPOUNDS									
1,1-Dichloroethane	µg/L	4.2	2.3	2.3	2.30	2.83	3.72	0.081	12
1,1,1-Trichloroethane	µg/L	0.11	17	17	0.110	2.19	5.56	0.081	17
1,2-Dichloroethane	µg/L	37	24	24	9.70	24.2	37.8	**0.20**	120
1,2-Dichloropropane	µg/L	1.1	0.76	0.76	0.250	0.658	0.943	0.13	3.0
1,2,4-Trimethylbenzene	µg/L	0.12	**0.22**	**0.22**	0.170	0.286	0.349	**0.11**	1.2
1,3,5-Trimethylbenzene	µg/L	0.12	**0.15**	**0.15**	0.120	0.188	0.192	0.12	0.70
1,4-Dichlorobenzene	µg/L	**0.11**	**0.16**	**0.16**	0.0620	0.182	0.308	0.062	1.0
Acetone	µg/L	4.6	470	470	13.0	168	224	4.6	500
Benzene	µg/L	0.083	4.0	4.0	1.70	2.64	3.45	0.083	11
Carbon Disulfide	µg/L	0.38	1.2 (5)	1.2 (5)	0.380	0.502	0.280	0.35	0.68
Chloroethane	µg/L	1.3	2.5	2.5	0.140	1.22	1.56	0.14	4.6
Chloroform	µg/L	0.12	2.2	2.2	NC	NC	NC	0.12	2.2
Chloromethane	µg/L	0.14	1.6	1.6	NC	NC	NC	0.14	1.6
cis-1,2-Dichloroethene	µg/L	0.69	0.97	0.97	0.420	0.863	1.07	0.085	2.9
trans-1,2-Dichloroethene	µg/L	0.15	0.15	0.15	NC	NC	NC	0.15	0.69
Dichlorodifluoromethane	µg/L	0.099	2.0	2.0	0.0990	0.451	0.702	0.099	2.0
Ethylbenzene	µg/L	0.098	2.2	2.2	1.30	2.40	3.74	0.098	12
Isopropylbenzene	µg/L	0.14	0.14	0.14	NC	NC	NC	0.14	**0.37**
Methylene Chloride	µg/L	9.0	280	280	9.00	66.4	95.9	0.48	280
Methyl ethyl ketone	µg/L	2.5	17	17	6.30	64.8	91.0	2.5	210
Methyl isobutyl ketone	µg/L	2.1	**2.4**	**2.4**	2.10	4.31	4.57	2.1	15
Methyl t-butyl ether	µg/L	NA	NA	NA	NC	NC	NC	0.11	2.1
n-Propylbenzene	µg/L	0.11	0.11	0.11	NC	NC	NC	0.11	**0.30**
o-Xylene	µg/L	**0.21**	2.1	2.1	1.20	1.65	2.30	0.12	7.5
p + m-Xylenes	µg/L	0.28	5.4	5.4	1.60	3.44	5.07	0.18	16
p-Isopropyltoluene	µg/L	0.12	1.0	1.0	0.550	1.34	2.25	0.072	7.0
Styrene	µg/L	0.068	2.6	2.6	0.0680	1.45	2.78	0.068	8.5
Tetrachlorothene	µg/L	1.0	1.5	1.5	0.430	0.881	1.10	0.13	3.5
Toluene	µg/L	0.093	31	31	14.0	15.2	16.0	0.093	47
Trichloroethene	µg/L	0.87	1.6	1.6	0.380	0.787	0.933	0.09	2.9
Trichlorofluoromethane	µg/L	0.13	21	21	0.130	2.60	6.91	0.11	21
Vinyl Chloride	µg/L	0.12	0.12	0.12	NC	NC	NC	0.12	**0.18**
Xylenes, Total	µg/L	NA	NA	NA	NC	NC	NC	0.36	1.2

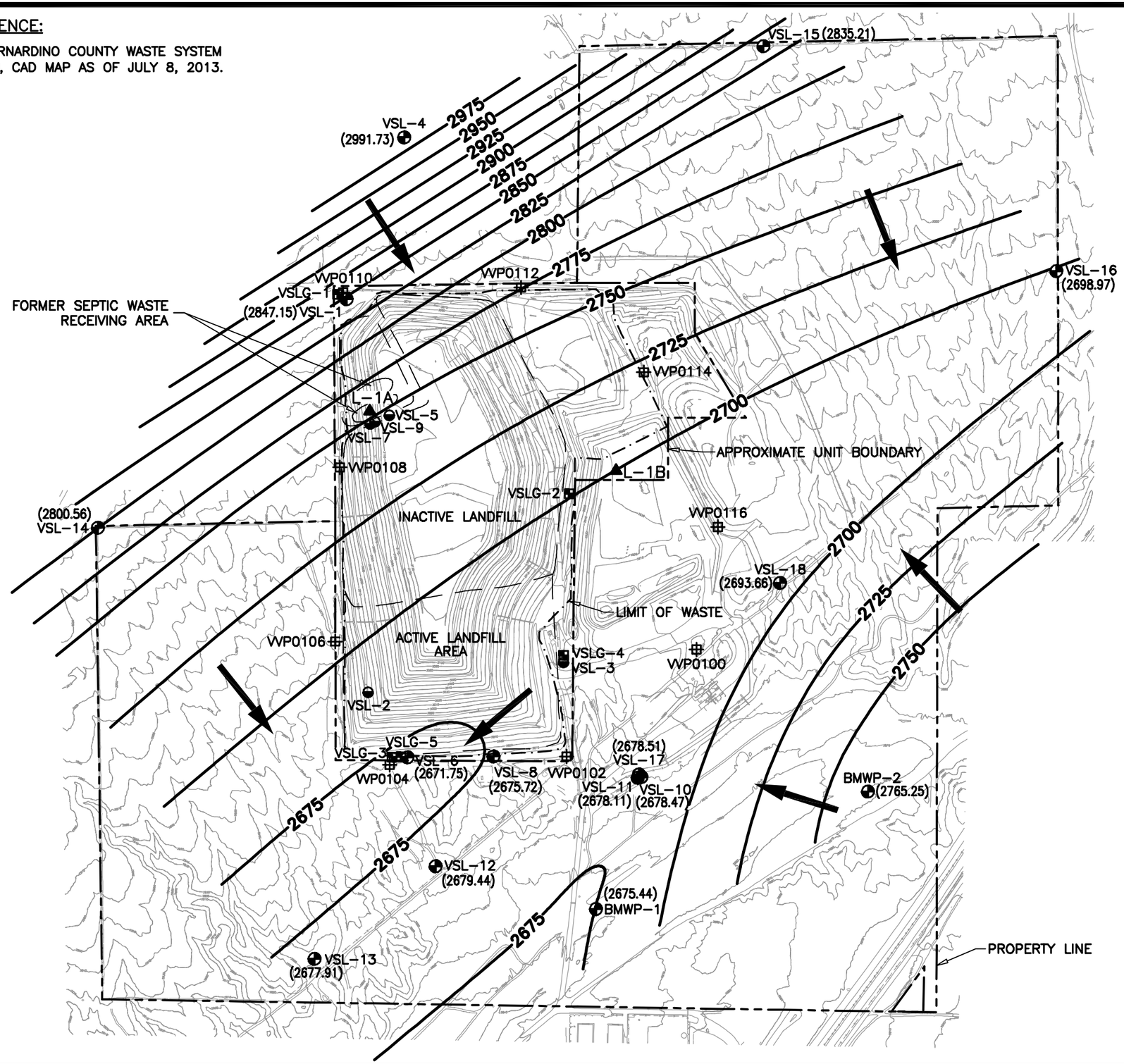
TABLE 5-29 (CONT'D)
VICTORVILLE SANITARY LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE L-1B

ANALYTE	UNITS	Oct 2012	Oct 2012	Apr 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
BASE NEUTRAL AND ACID EXTRACTABLES ORGANIC ANALYSIS									
2-Methylphenol	µg/L	NA	NA	NA	10.0	6.44	4.88	1.0	**1.2**
3- & 4-Methylphenol	µg/L	NA	NA	NA	4.10	169	285	1.6	660
Benzoic Acid	µg/L	NA	NA	NA	60.0	276	370	5.8	840
Phenol	µg/L	NA	NA	NA	20.0	44.1	62.6	0.20	150
ORGANOCHLORINE PESTICIDES AND PCB'S (EPA 8080) µg/L:									
PCB-1016	µg/L	NA	NA	NA	NC	NC	NC	0.54	0.54
ORGANO-PHOSPHORUS PESTICIDES (EPA 8141) µg/L: NA									
CHLORINATED HERBICIDES (EPA 8151) µg/L: NA									

FIGURES

REFERENCE:

SAN BERNARDINO COUNTY WASTE SYSTEM DIVISION, CAD MAP AS OF JULY 8, 2013.



EXPLANATION:

VSL-1 (2847.15)	MONITORING WELL LOCATION AND GROUNDWATER ELEVATION (FEET ABOVE MSL)
VSL-3	ABANDONED MONITORING WELL LOCATION
VSLG-1	SOIL-PORE GAS MONITORING PROBE LOCATION
L-1A	LEACHATE MONITORING LOCATION
WP0100	TITLE 27 PERIMETER LANDFILL GAS MONITORING PROBE
	CONTOUR LINE SHOWING GROUNDWATER POTENTIOMETRIC SURFACE ELEVATIONS (CONTOUR INTERVAL = 25 FEET)
	DIRECTION OF GROUNDWATER FLOW

N

GRAPHIC SCALE

600 0 300 600 1200

(IN FEET)

1 inch = 600 ft.

FIGURE 1

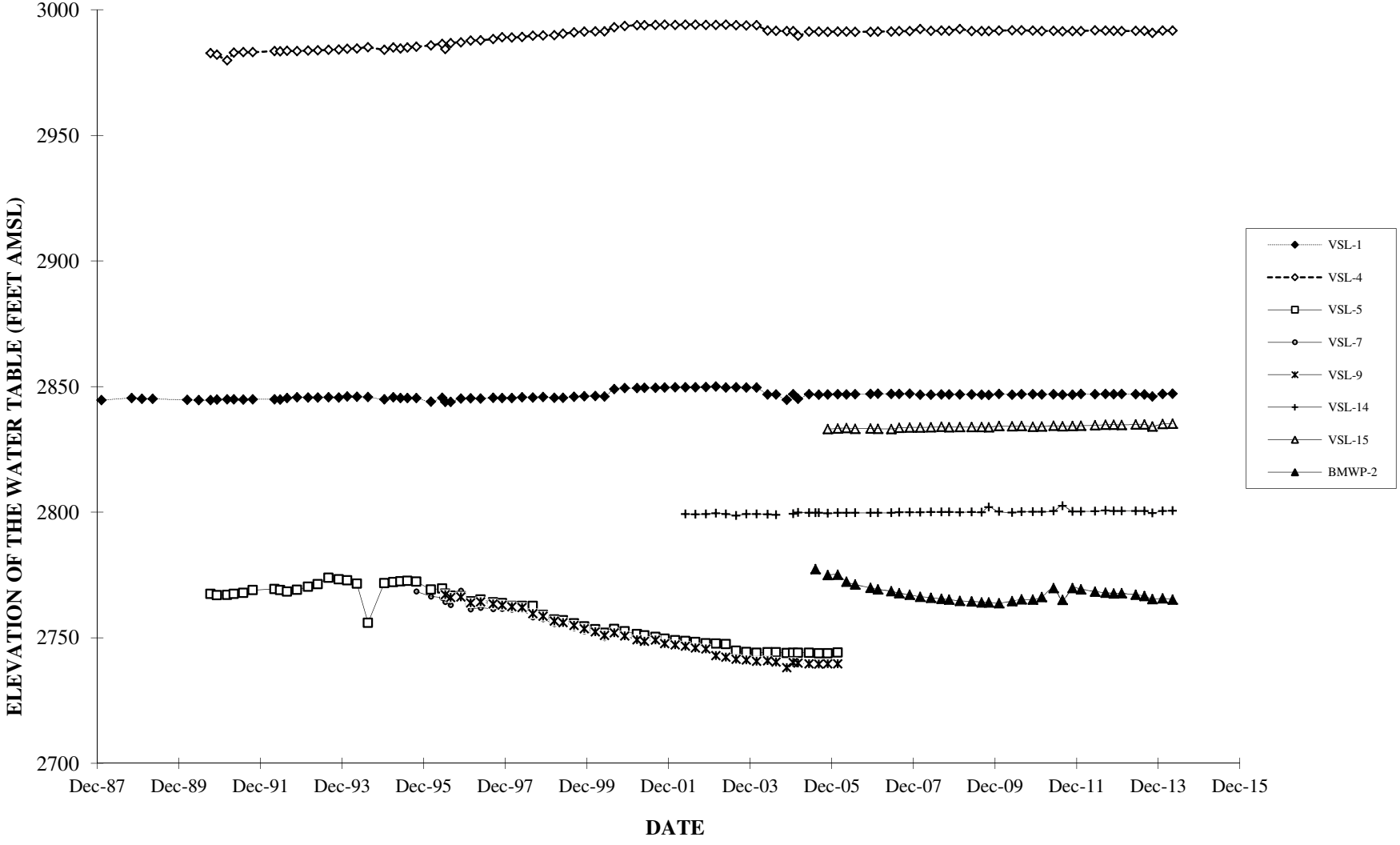
APRIL 2014 GROUNDWATER EQUIPOTENTIAL CONTOURS

WATER QUALITY MONITORING REPORT
SECOND QUARTER 2014
VICTORVILLE SANITARY LANDFILL
COUNTY OF SAN BERNARDINO, CA

Geo-Logic ASSOCIATES

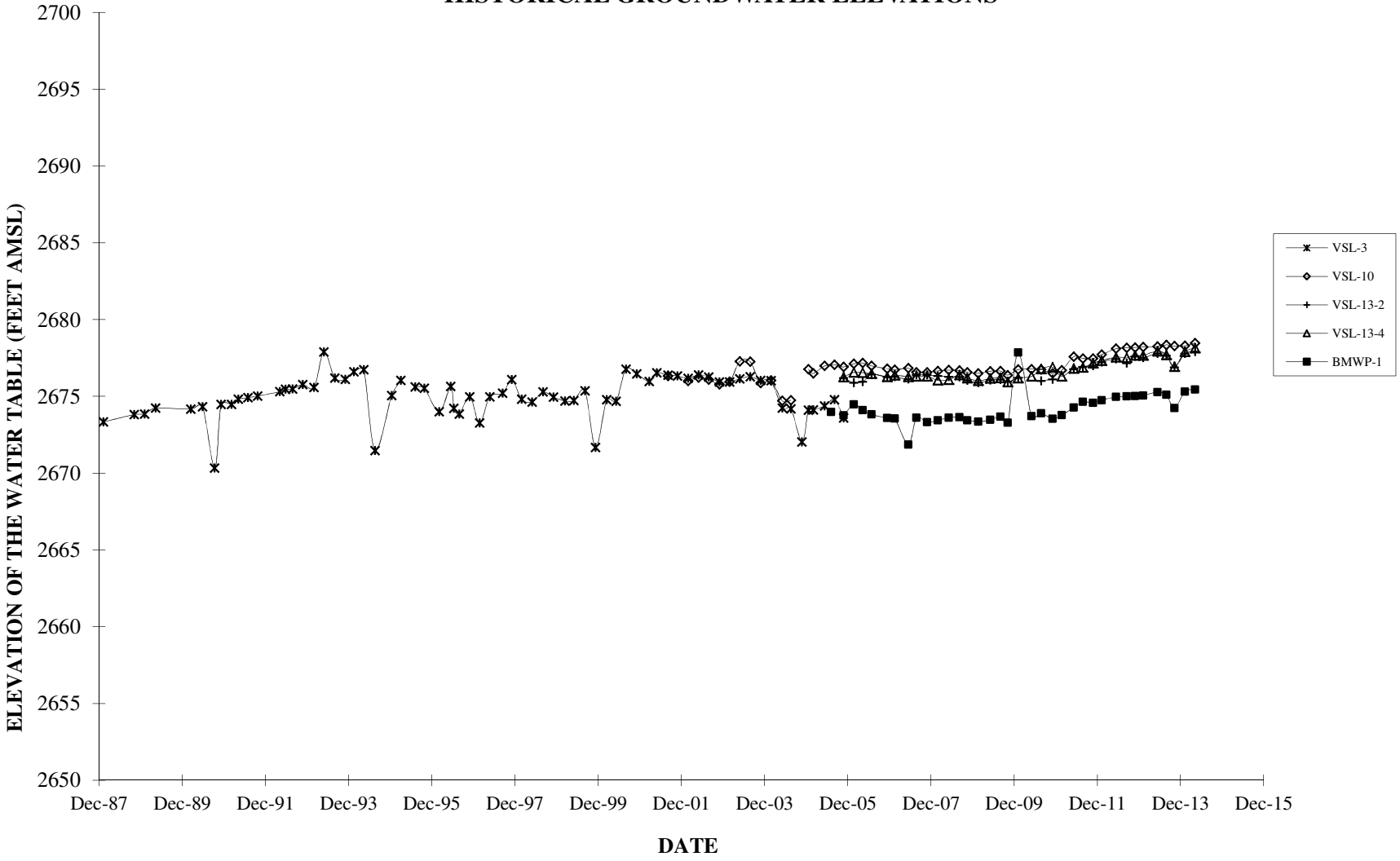
DRAWN BY: VL	DATE: JUNE 2014	JOB NO. 2013.0089

FIGURE 2A
VICTORVILLE SANITARY LANDFILL
HISTORICAL GROUNDWATER ELEVATIONS



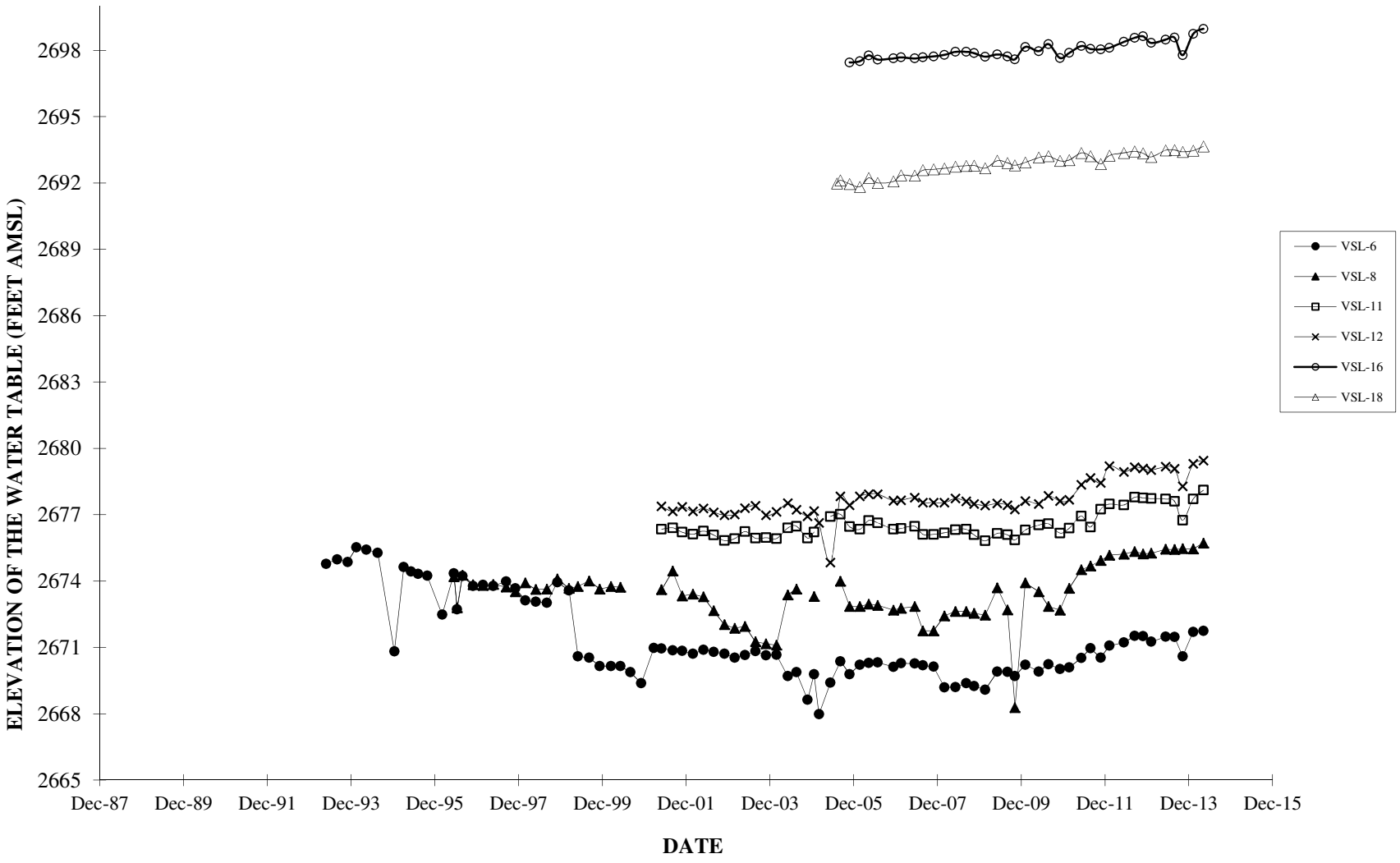
Note: Background wells are represented by dashed lines.

FIGURE 2B
VICTORVILLE SANITARY LANDFILL
HISTORICAL GROUNDWATER ELEVATIONS



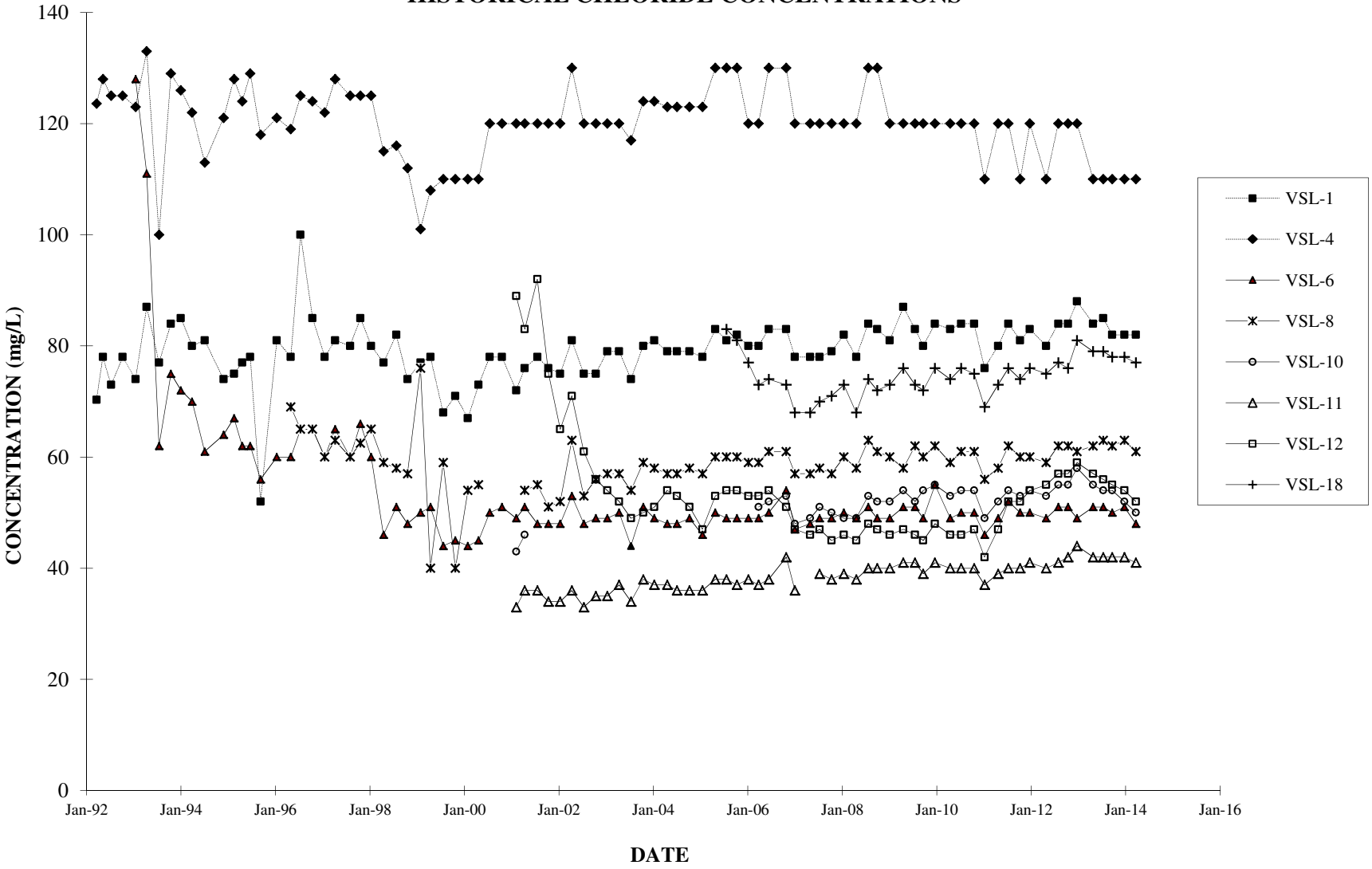
Note: Background wells are represented by dashed lines.

FIGURE 2C
VICTORVILLE SANITARY LANDFILL
HISTORICAL GROUNDWATER ELEVATIONS



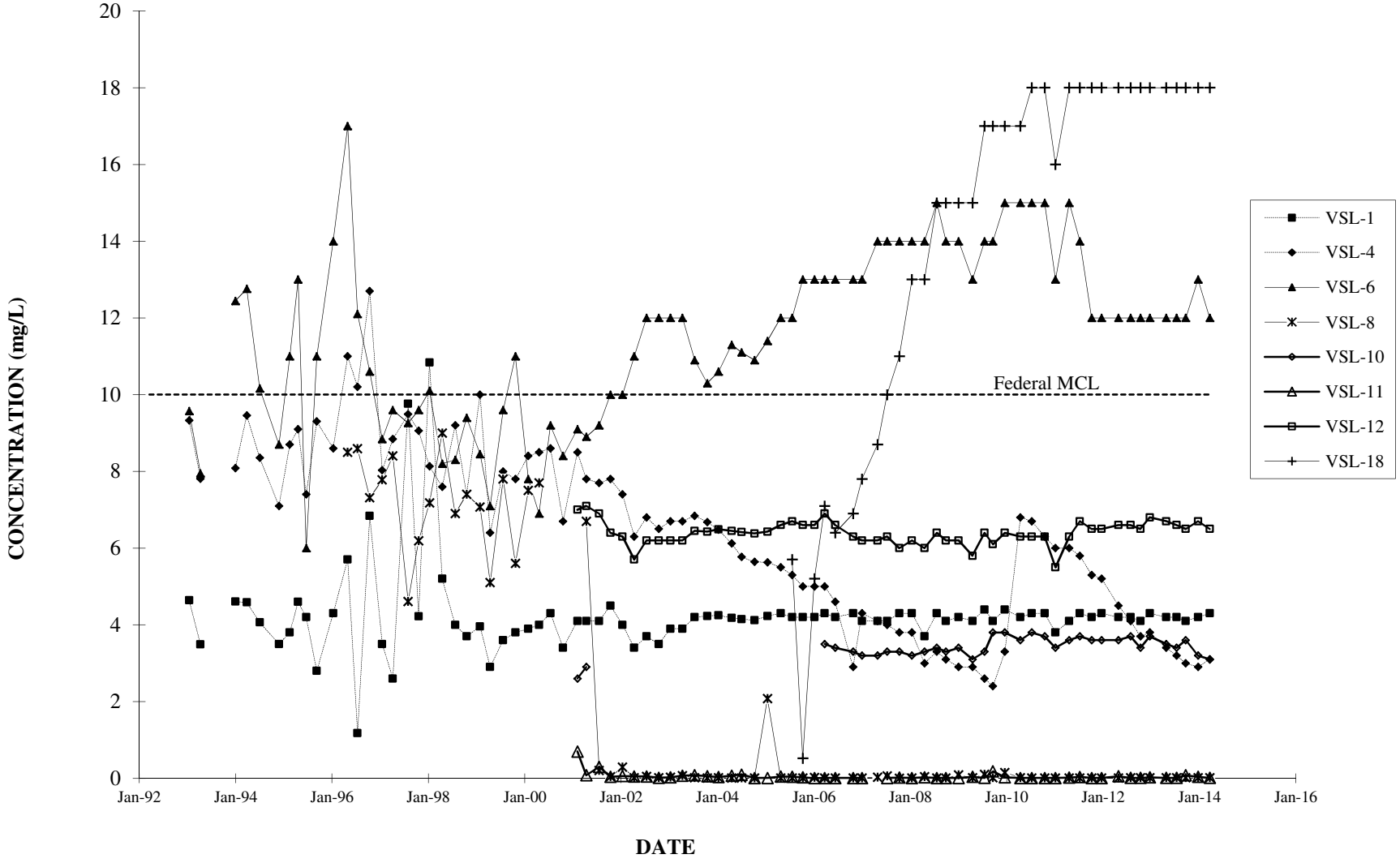
Note: Background wells are represented by dashed lines.

FIGURE 3
VICTORVILLE SANITARY LANDFILL
HISTORICAL CHLORIDE CONCENTRATIONS



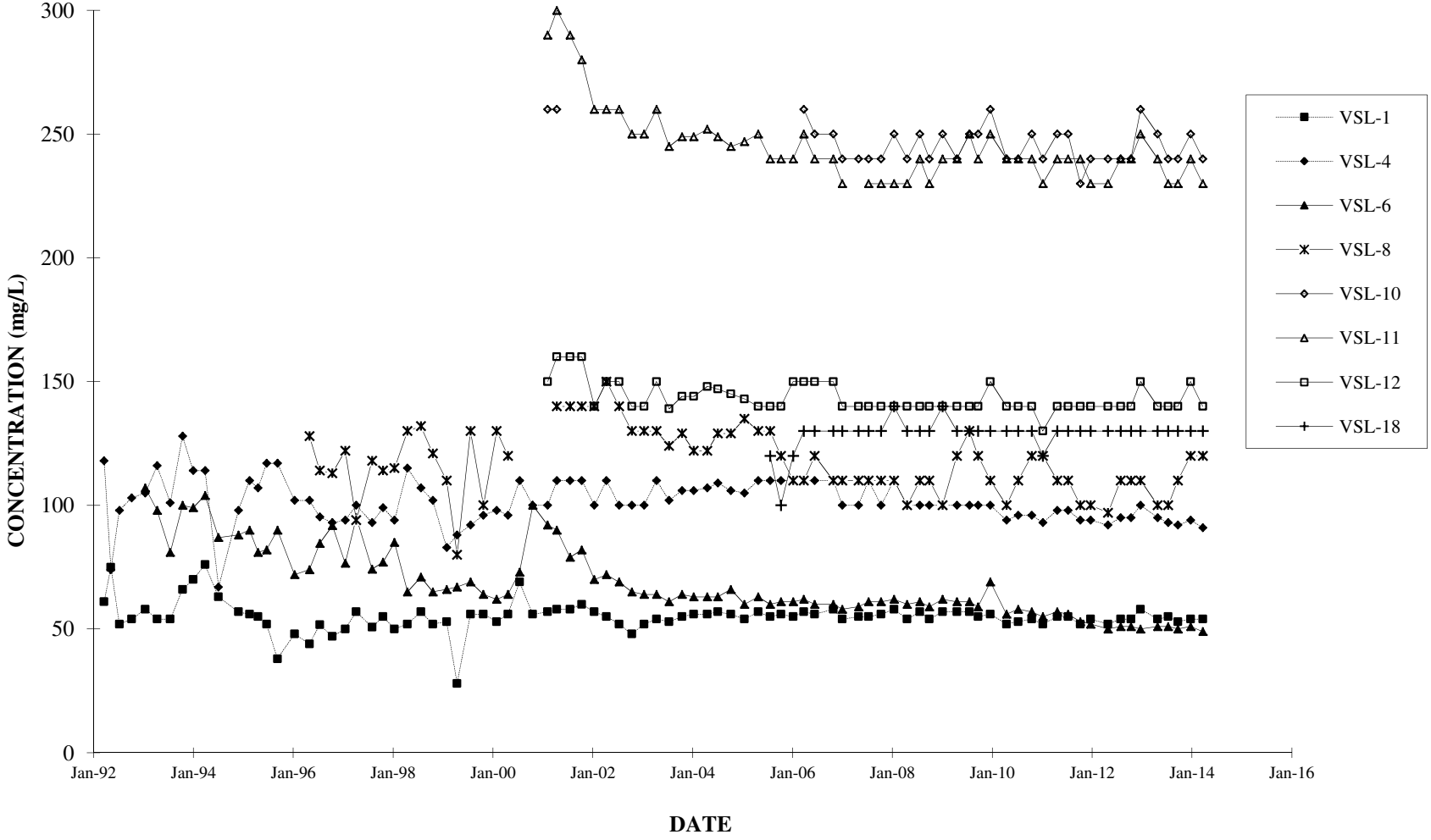
Note: Background wells are represented by dashed lines.

FIGURE 4
VICTORVILLE SANITARY LANDFILL
HISTORICAL NITRATE (AS NITROGEN) CONCENTRATIONS



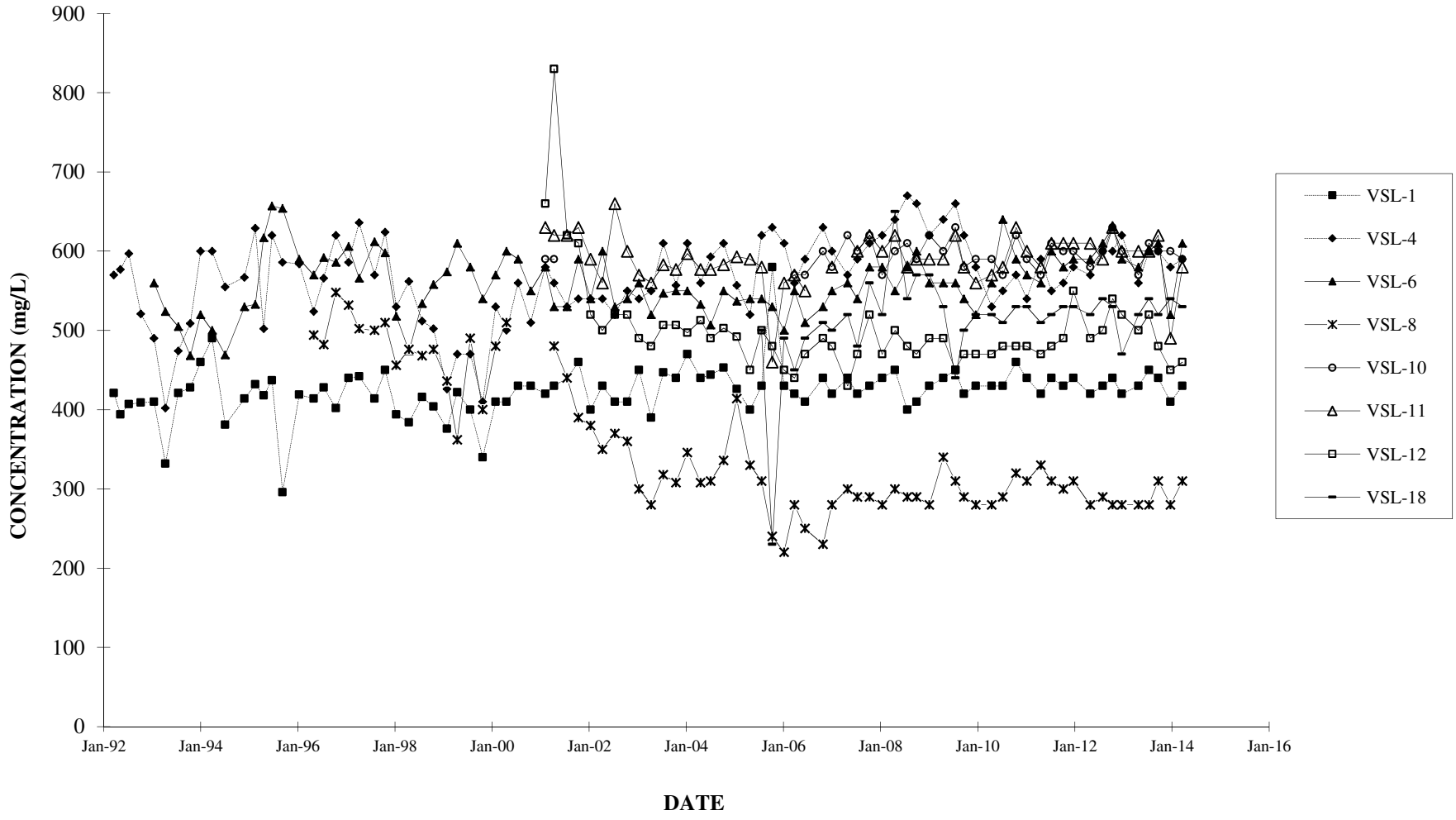
Note: Background wells are represented by dashed lines.

FIGURE 5
VICTORVILLE SANITARY LANDFILL
HISTORICAL SULFATE CONCENTRATIONS



Note: Background wells are represented by dashed lines.

FIGURE 6
VICTORVILLE SANITARY LANDFILL
HISTORICAL TOTAL DISSOLVED SOLIDS CONCENTRATIONS



Note: Background wells are represented by dashed lines.

FIGURE 7
VICTORVILLE SANITARY LANDFILL
HISTORICAL 1,1-DICHLOROETHANE CONCENTRATIONS

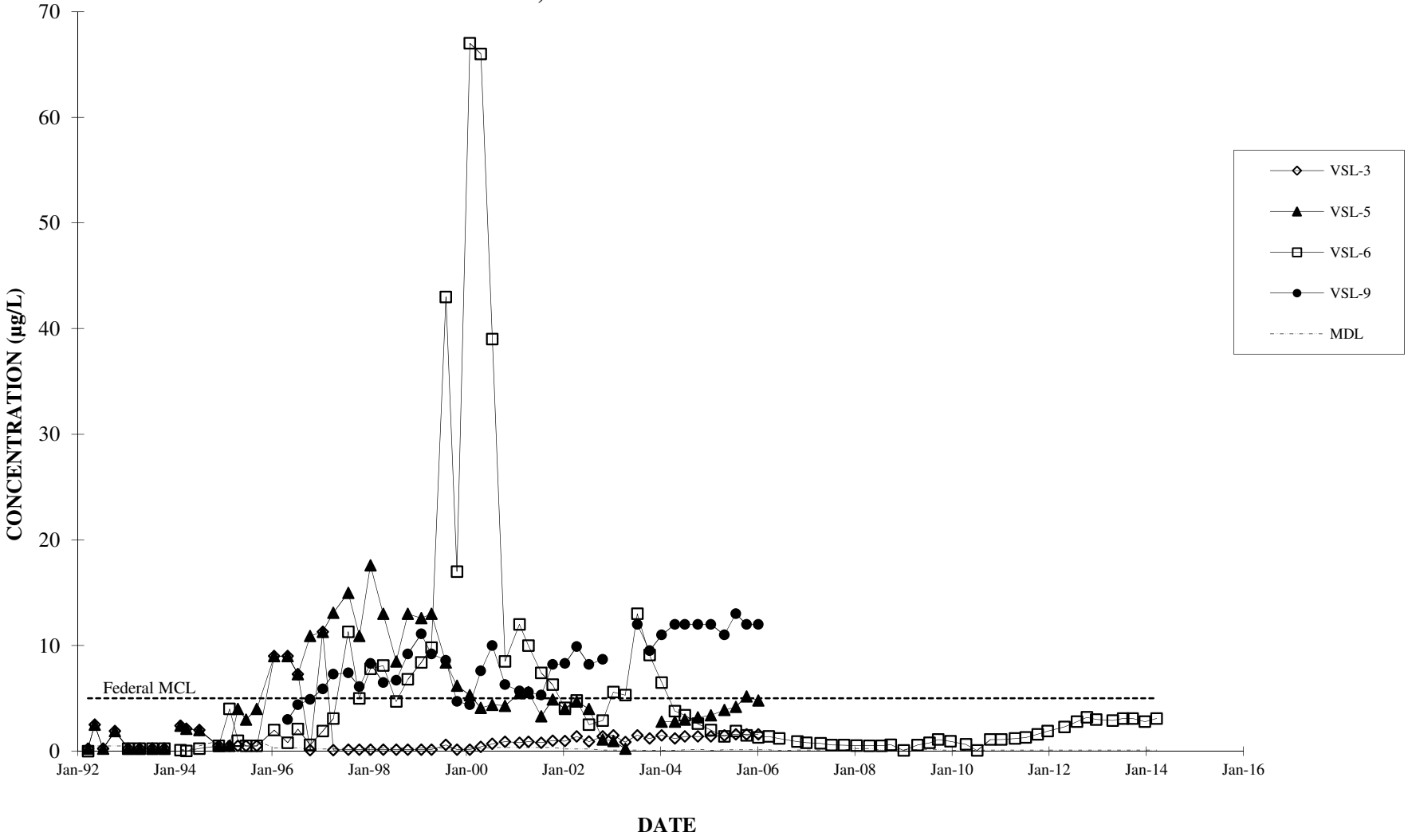


FIGURE 8
VICTORVILLE SANITARY LANDFILL
HISTORICAL DICHLORODIFLUOROMETHANE CONCENTRATIONS

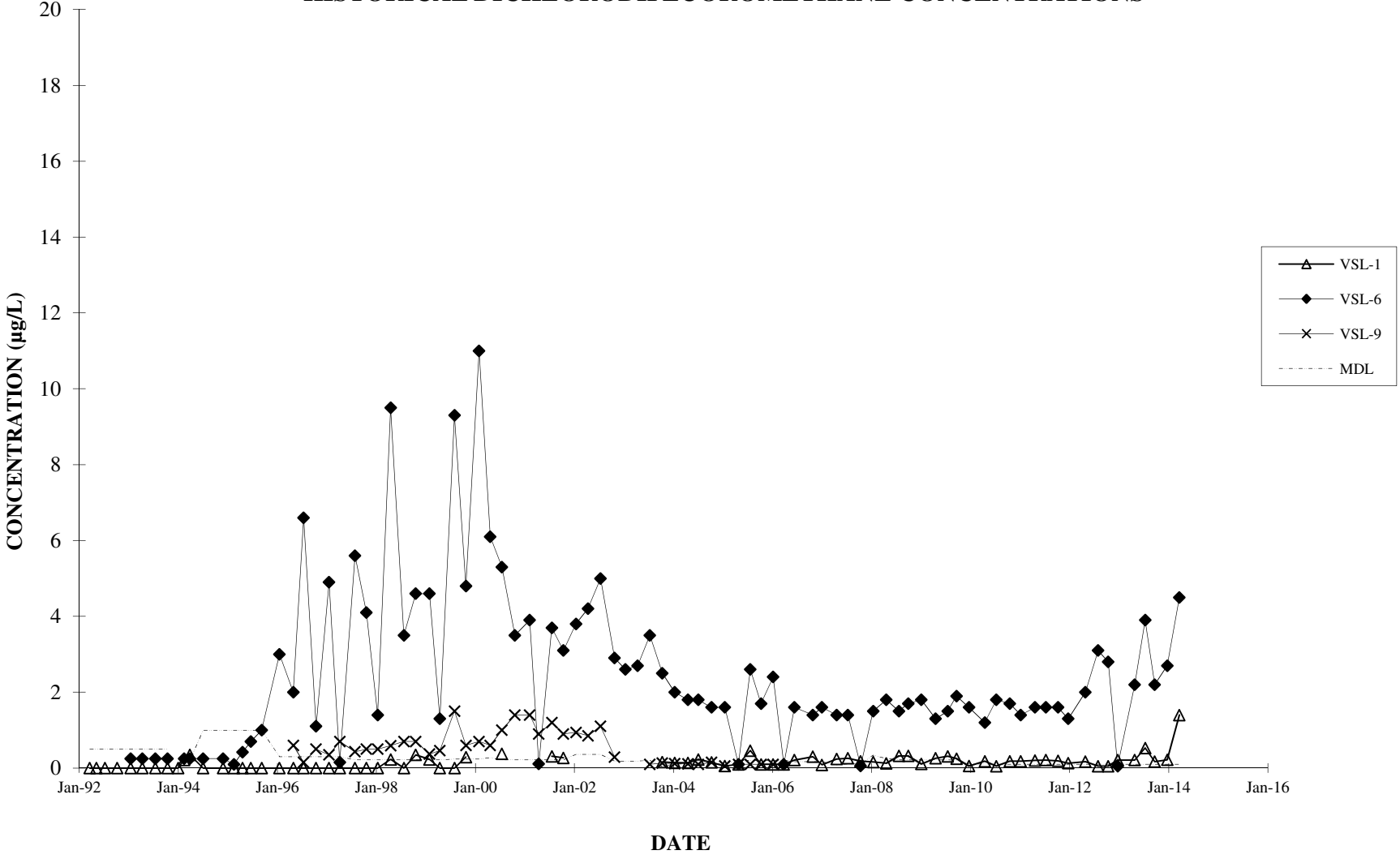


FIGURE 9
VICTORVILLE SANITARY LANDFILL
HISTORICAL TETRACHLOROETHENE CONCENTRATIONS

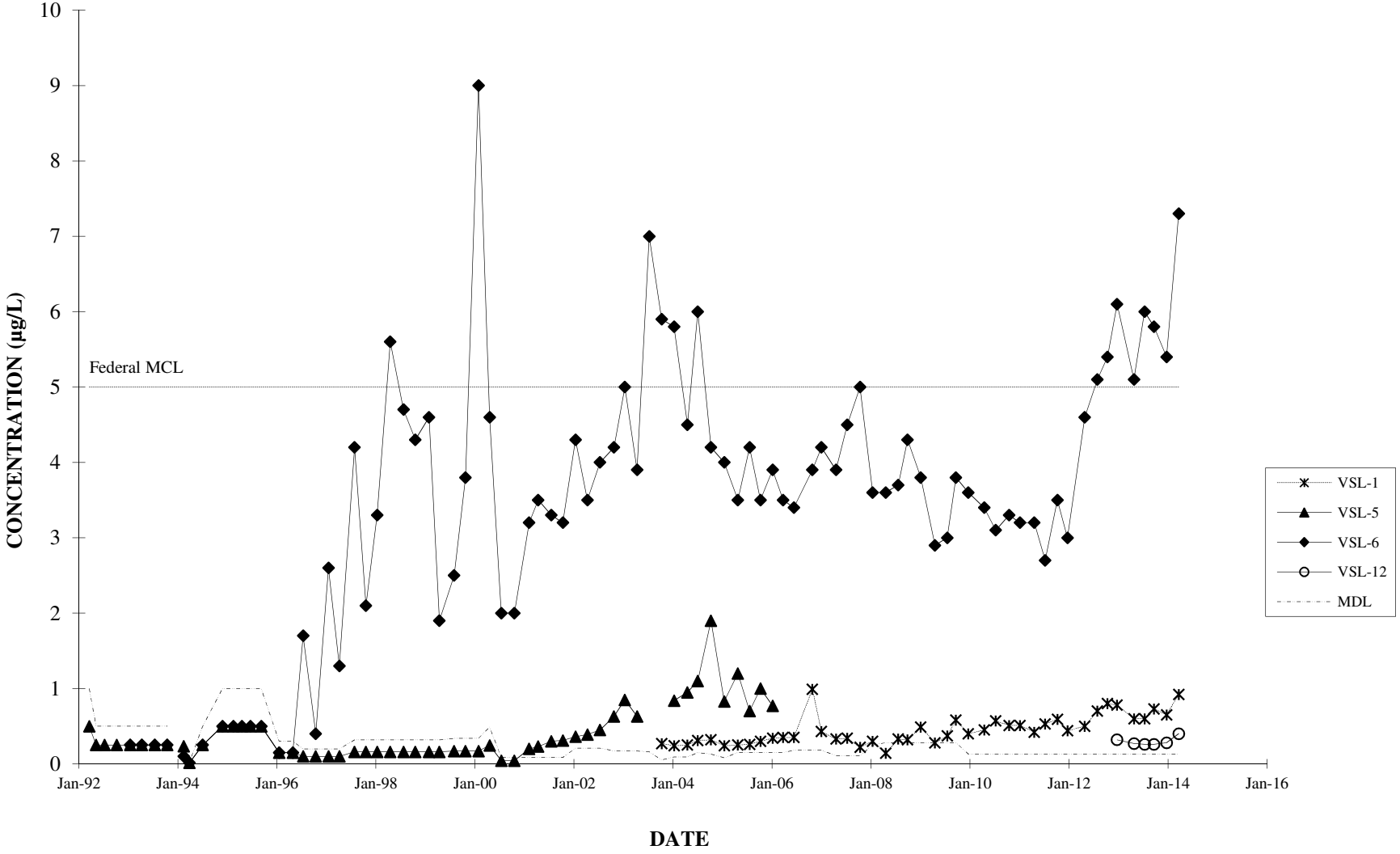


FIGURE 10
VICTORVILLE SANITARY LANDFILL
HISTORICAL TRICHLOROETHENE CONCENTRATIONS

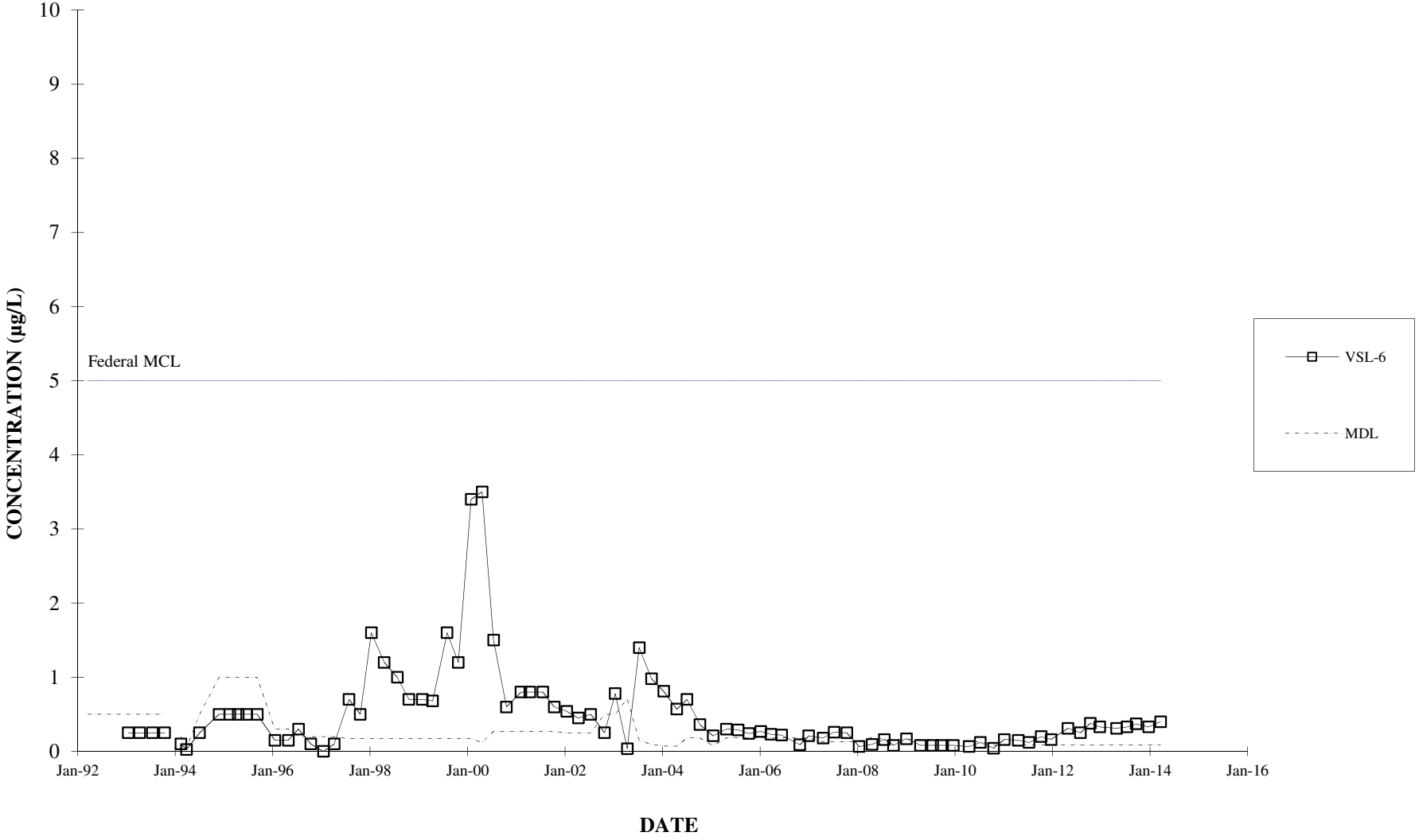
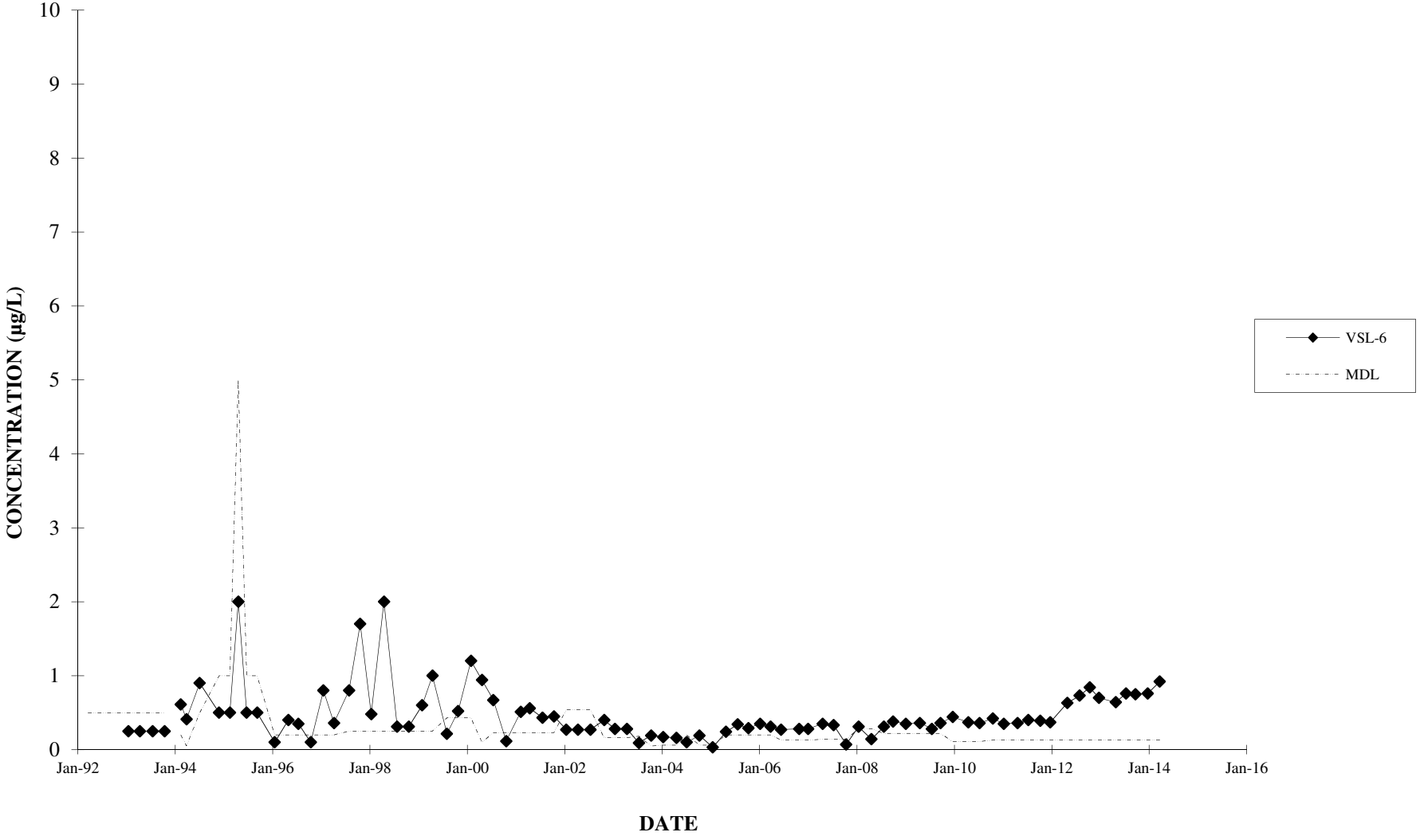


FIGURE 11
VICTORVILLE SANITARY LANDFILL
HISTORICAL TRICHLOROFLUOROMETHANE CONCENTRATIONS



APPENDIX A

FIELD NOTES, CERTIFICATES OF ANALYSES
and
CHAIN-OF-CUSTODY RECORDS

Geo-Logic
ASSOCIATES
Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM
LEACHATE DATA SHEET

Site: Victorville

Project No.: 2013.0089

Station I.D.: L-1A

Sampling Date: 4.28.14

Collected By: AS

Sampling Time: 1200

Horiba Model S/N: U-52 (RNBJDSKW)

Duplicate Sample: YES NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Clear	Slight	6.97	2.08	5.3	2.87	26.54	129

Leachate sampling station conditions: Collected sample from port at HDPE risers pipe. Athens personnel used compressor to bring liquid up.

Additional Info/Comments: Sunny, Warm

* QCAB collected

Geo-Logic
ASSOCIATES
Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM
LEACHATE DATA SHEET

Site: Victorville

Project No.: 2013.0089

Station I.D.: L-1B

Sampling Date: 4.28.14

Collected By: AS

Sampling Time: /

Horiba Model S/N: /

Duplicate Sample: YES / NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
—		—	N/A	—			

Leachate sampling station conditions: Poly tank is dry. No leachate samples collected.

Additional Info/Comments: Sunny, Warm

Geo-Logic ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Victorville **PROJECT NAME / NUMBER** 2013.0089

Instrument Make/Model # Horiba U-52
S/N RNBJDSKW

Date/Time	pH	Electrical Conductivity (µMhos/cm)	Turbidity (NTU)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	3.91	4.50	0.2	11.92		
Calibration	4.00	4.50	0.0	11.59		
Calibration Successful? (Y/N)	Y				enter YES or NO	
Satifies Protocol?	Y				Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	AS				Signature or initials	A.C. S
Physical Condition of Unit			Good			

Geo-Logic
ASSOCIATES
Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM
WATER LEVEL SURVEY RECORD SHEET

Site: Victorville
Project No.: 2013-0089
Date: 4-15-2014
Field Personnel: M. Campbell, B. Salinas

WELL I.D.	CONSTRUCTED TOTAL DEPTH (TD)	ACTUAL TOTAL DEPTH (TD)	DEPTH TO WATER (DTW)	COMMENTS
VSL-1			208.95	
VSL-4			102.32	
VSL-6			248.23	
VSL-8			239.83	B: 134.02
VSL-10			206.36	
VSL-11			205.73	
VSL-12			212.74	
VSL-13-2			208.67	
VSL-13-4			209.23	
VSL-14			234.26	
VSL-15			231.81	
VSL-16			286.01	
VSL-17			207.43	
VSL-18			240.80	
BMWP-1			178.68	
BMWP-2			107.06	

REMARKS:

SCANNED

Geo-Logic
ASSOCIATES
Geologists, Hydrogeologists, and Engineers

SOIL-PORE GAS PROBE MONITORING FORM

Site: Victorville
Weather: Sunny/warm
Instrument No.: GEM 2000

Date: 4-15-14
Time: See below
Field Personnel: B. Salinas

Probe ID	Time	Probe Depth (Feet)	Probe Diameter (inches)	Probe Diameter (inches)	1 Purge Volume (Liters)	CH_4	CO_2	O_2	N_2
VSLG-4S	1123	73.55	2	N/A	45.60	E	0.3	15.4	84.3
VSLG-4I	1134	123.00	2		76.26	E	E	19.4	80.6
VSLG-4D	1148	182.30	2		113.03	0.1	0.4	14.8	84.7
VSLG-1S	1202	68.00	1		10.2	0.3	0.1	16.3	83.3
VSLG-1D	1007	106.00	1		15.9	0.4	0.0	16.3	83.3
VSLG-5S	1214	173.30	2		107.44	E	0.3	19.1	80.6
VSLG-5D	1223	241.70	2		149.85	5.7	6.1	14.7	73.5
VSLG-3S	1239	72.00	1		10.8	E	0.3	18.7	81.0
VSLG-3D	1247	110.00	1		16.6	E	0.5	18.4	81.0

Tedlar bag sample collected @ 1230 hrs.

Notes:
1. For 1-inch probes, multiply probe depth by 0.15 to get one well volume (Liters).
   For 2-inch probes, multiply probe depth by 0.62 to get one well volume (Liters).
2. Begin taking readings following evacuation of one probe volume, record stabilized values.

CALIBRATION Instrument No.: GM11667

Instrument Name/Model	Serial No.	Gas Standard Used	Pre-Sampling Initial Meter Reading	Calibrated Meter Reading	Cal-Check Meter Reading	Post-Sampling Final Meter Reading	Sampler Filter Replaced? (Y/N)
GEM ~~500~~ 2000	15/	~~10.0~~ CH4/B-NIT.	15.1	15.0	15.0		NO
	15/	~~35%~~ CO2/B-NIT.	15.0	15.0	15.0		↓
	4/	~~5.29%~~ O2/B-NIT.	4.0	4.0	4.0		↓

Geo-Logic
ASSOCIATES

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013.0089
Well I.D.:	VSL-1	Sampling Date:	4-15-14
Collected By:	RJS	Purge start Time:	1308
Casing Diameter (inches):	4	Purge Stop time:	1327
Starting Water Level:	208.95	Sampling Time:	1340
Total Depth (feet):	229.00	Ending Water Level (feet):	210.84
Water column (feet):	20.05	Total Purged (gallons):	2
Screen Length (feet):		Duplicate Sample:	YES NO
Sample Method:	Micro Purge Low Flow		
Horiba Model S/N:	R8JS494H		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1314	3/4	209.38	7.58	0.737	8.0	9.55	21.72	116
1318	1	209.71	7.80	0.728	1.3	6.57	22.09	117
1321	1 1/4	210.03	7.82	0.721	0.0	6.47	22.13	127
1324	1 3/4	210.52	7.80	0.724	0.0	6.53	22.26	131
1327	2	210.84	7.81	0.722	0.0	6.49	22.22	124

Purge Sampling Rates: RSP set @ 120. R: 35.0 / D: 15.0

Water looks clear

Well condition: OK

Additional Info/Comments: Sunny, warm, light winds

Geo-Logic
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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013.0089
Well I.D.:	VSL-4	Sampling Date:	4-15-14
Collected By:	PJS	Purge start Time:	1448
Casing Diameter (inches):	4	Purge Stop time:	1510
Starting Water Level:	102.32	Sampling Time:	1515
Total Depth (feet):	250.00	Ending Water Level (feet):	105.62
Water column (feet):	147.68	Total Purged (gallons):	2
Screen Length (feet):	—	Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	K8JS494H		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1454	1/2	102.98	7.32	1.00	0.0	6.71	22.65	85
1457	3/4	103.47	7.08	1.00	0.0	1.34	22.34	99
1500	1	103.96	7.04	0.999	0.3	1.02	22.35	104
1504	1 1/2	104.26	7.02	0.998	0.6	0.84	22.51	108
1507	1 3/4	104.59	7.00	0.993	0.7	0.78	22.53	109
1510	2	104.94	7.00	0.992	0.8	0.75	22.57	110

Purge Sampling Rates: PSI Set @ 150, R: 35.0 / D: 13.0

Well condition: OK

Additional Info/Comments: Clear, sunny/warm

Geo-Logic
ASSOCIATES

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013-0089
Well I.D.:	VSL-6	Sampling Date:	4-15-14
Collected By:	MC	Purge start Time:	11:57
Casing Diameter (inches):	4	Purge Stop time:	12:19
Starting Water Level:	248.23	Sampling Time:	12:25
Total Depth (feet):	282.00	Ending Water Level (feet):	249.23
Water column (feet):	33.77	Total Purged (gallons):	2.5
Screen Length (feet):	—	Duplicate Sample:	YES NO
Sample Method:	Micro Purge / Low Flow		
Horiba Model S/N:	U-52 // DLICYV06		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
12:06	1.0	248.70	6.34	.983	0.0	.59	22.59	268
12:10	1.5	248.88	6.32	.985	0.0	0.0	22.52	265
12:12	1.75	248.97	6.28	.985	0.0	0.0	22.50	252
12:15	2.0	249.05	6.28	.985	0.0	0.0	22.50	252
12:17	2.25	249.15	6.28	.985	0.0	0.0	22.50	252
12:19	2.50	249.23	6.28	.985	0.0	0.0	22.51	246
	~~2.75~~							

Purge Sampling Rates: 130 psi ref. 35 discharge 24

Well condition: OK purge H2O is clear with no odor

Additional Info/Comments: sunny, hot, breezy, some stronger winds

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013-0089
Well I.D.:	VSL-8	Sampling Date:	4.15.14
Collected By:	MC	Purge start Time:	14:15
Casing Diameter (inches):	4	Purge Stop time:	14:38
Starting Water Level:	239.83 / B: 134.02	Sampling Time:	14:45
Total Depth (feet):	293.0	Ending Water Level (feet):	131.84
Water column (feet):	53.17	Total Purged (gallons):	5.5
Screen Length (feet):		Duplicate Sample:	YES NO
Sample Method:	Micro Purge Low Flow		
Horiba Model S/N:	U-52 / 0LICKV06		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
14:20	1.0		10.14	.543	4.6	0.00	20.89	-800
14:24	2.0		10.04	.550	29.2	0.0	22.21	-797
14:28	3.0		10.07	.553	51.6	0.0	22.18	-798
14:30	3.5		10.00	.552	66.1	0.0	22.19	-794
14:32	4.0		9.90	.556	62.3	0.0	22.15	-788
14:34	4.5		9.90	.561	7.9	0.0	22.11	-788
14:36	5.0		9.90	.560	6.3	0.0	22.09	-787
14:38	5.5		9.89	.560	8.7	0.0	22.02	-786

Purge Sampling Rates: 47.5 Hz .25 GPM

Well condition: Purge H2O is clear with no odor

Additional Info/Comments: sunny, hot, windy

Bubbler Dept - 251 - 11.17 = 239.83

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013-0089
Well I.D.:	VSL-10	Sampling Date:	4-15-14
Collected By:	MC	Purge start Time:	9:50
Casing Diameter (inches):	5	Purge Stop time:	10:19
Starting Water Level:	206.36	Sampling Time:	10:25
Total Depth (feet):	236.00	Ending Water Level (feet):	206.38
Water column (feet):	29.64	Total Purged (gallons):	2.50
Screen Length (feet):	—	Duplicate Sample:	YES (NO)
Sample Method:	(Micro Purge) Low Flow		
Horiba Model S/N:	U-52/ OLICYV06 QCAB taken at this well		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
10:01	1.0	206.38	7.24	.891	0.0	4.66	21.59	251
10:07	1.5	206.38	7.25	.891	0.1	4.57	21.57	256
10:10	1.75	"	7.25	.891	0.0	4.34	21.57	257
10:13	2.0	"	7.25	.891	0.0	4.31	21.59	260
10:16	2.25	"	7.25	.891	0.0	4.40	21.62	260
10:19	2.50	"	7.25	.891	0.0	4.34	21.62	261

Purge Sampling Rates: 135 psi ref. 11 35 discharge 24

Well condition: OK purge water is clear with no odor

Additional Info/Comments: clear, hot, ~~slight~~ breezy m 4.15-14

QCAB taken at this well

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013-0089
Well I.D.:	VSL-11	Sampling Date:	4.15.14
Collected By:	MC	Purge start Time:	8:50
Casing Diameter (inches):	5	Purge Stop time:	9:19
Starting Water Level:	205.73	Sampling Time:	9:30
Total Depth (feet):	365.00	Ending Water Level (feet):	208.49
Water column (feet):	159.27	Total Purged (gallons):	2.75
Screen Length (feet):	–	Duplicate Sample:	YES (✓) NO
Sample Method:	(Micro Purge) Low Flow	VSL- Dup taken at this well	
Horiba Model S/N:	U-52 DLICKV06		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
9:01	1.0	207.07	7.09	.905	0.6	1.60	21.35	167
9:06	1.5	207.46	7.16	.906	0.5	1.12	21.34	181
9:09	1.75	207.80	7.19	.906	0.3	1.03	21.32	184
9:11	2.0	208.12	7.21	.905	0.3	.96	21.34	189
9:14	2.25	208.43	7.22	.906	0.3	.80	21.33	192
9:16	2.50	208.65	7.22	.906	0.2	.78	21.33	195
9:19	2.75	208.94	7.22	.906	0.2	.69	21.36	195

Purge Sampling Rates: 165 psi refill 30 discharge 28

Well condition: OK purge H2O is clear with no odor

Additional Info/Comments: cloudy, hot, slight breeze

VSL- Dup taken at this well

Geo-Logic ASSOCIATES

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013-0089
Well I.D.:	VSL-12	Sampling Date:	4-15-14
Collected By:	MC	Purge start Time:	13:00
Casing Diameter (inches):	4.5	Purge Stop time:	13:27
Starting Water Level:	212.74	Sampling Time:	13:33
Total Depth (feet):	233.00	Ending Water Level (feet):	213.54
Water column (feet):	20.76	Total Purged (gallons):	2.75
Screen Length (feet):		Duplicate Sample:	YES NO (NO circled)
Sample Method:	Micro Purge (circled) Low Flow		
Horiba Model S/N:	U-52 / DLICY V06		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
13:10	1.0	213.16	7.45	.765	0.0	5.77	21.98	251
13:15	1.5	213.24	7.46	.766	0.0	5.63	21.94	254
13:17	1.75	213.31	7.46	.766	0.0	5.38	21.97	255
13:20	2.0	213.39	7.47	.762	0.0	5.08	22.02	256
13:23	2.25	213.45	7.48	.761	0.0	5.27	21.98	256
13:25	2.50	213.50	7.48	.762	0.0	5.21	21.99	257
13:27	2.75	213.54	7.49	.762	0.0	5.18	22.02	257

Purge Sampling Rates: 125 psi refill 40 discharge 26

Well condition: OK purge tree is clear with no odor
small air leak in airline

Additional Info/Comments: sunny, hot, breeze

Geo-Logic ASSOCIATES

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GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name:	Victorville	Project No.:	2013-0089
Well I.D.:	VSL-18	Sampling Date:	4-15-14
Collected By:	mc	Purge start Time:	10:55
Casing Diameter (inches):	4	Purge Stop time:	11:23
Starting Water Level:	240.80	Sampling Time:	11:30
Total Depth (feet):	313.0	Ending Water Level (feet):	243.84
Water column (feet):	72.20	Total Purged (gallons):	2.50
Screen Length (feet):	—	Duplicate Sample:	YES NO
Sample Method:	Micro Purge Low Flow		
Horiba Model S/N:	4-52/OL1CYV06		

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
11:07	1.0	242.44	7.29	.849	0.9	6.37	21.56	254
11:12	1.5	242.81	7.30	.850	0.7	4.71	21.57	256
11:15	1.75	243.18	7.31	.850	0.7	4.69	21.59	256
11:18	2.0	243.41	7.31	.850	1.1	4.67	21.58	257
11:20	2.25	243.63	7.31	.849	0.8	4.61	21.60	258
11:23	2.50	243.84	7.31	.850	0.8	4.54	21.57	259

Purge Sampling Rates: 150 psi refill 35 discharge 31

Well condition: OK purge H_2O is clear with no odor

Additional Info/Comments: sunny, hot, slight breeze

Geo-Logic
ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Victorville **PROJECT NAME / NUMBER** _____

Instrument Make/Model # Horiba / R8JS494H						
Date/Time 4-15-14 / 1250	**pH**	**Electrical Conductivity (µMhos/cm)**	**Turbidity (NTU)**	**DO (mg/L or %)**	**Guidance Remarks**	**Comments**
Pre. Cal	3.94	4.52	0.4	11.61		
Calibration	4.00	4.49	0.0	10.58		
Calibration Successful? (Y/N)	YES	→		→	enter YES or NO	
Satifies Protocol?	YES	→		→	Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	PBJ	→		→	Signature or initials	
Physical Condition of Unit			Good			

Geo-Logic ASSOCIATES

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Victorville PROJECT NAME / NUMBER 2013-0089

Instrument Make/Model # 4-52 DLICYV06						
Date/Time 4-15-14 8:30	pH	Electrical Conductivity (µMhos/cm)	Turbidity (NTU)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	4.04	4.40	0.0	7.14		
Calibration	4.00	4.48	0.0	9.36		
Calibration Successful? (Y/N)	yes				enter YES or NO	
Satifies Protocol?	yes				Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	m				Signature or initials	[illegible]
Physical Condition of Unit			Good			

BC Laboratories, Inc.

Chain of Custody Form

Page 1 of 1

Report To:
Client: GeoLogic Associates
Attn: Terri Satterfield
Street Address: 250 N First St #206
City, State, Zip: Claremont, Ca. 91711
Phone: 626-2282 Fax: 626-1233
Email Address:
Work Order #:

Project #: 2013-0089
Project Name: Victorville
Sampler(s): M. Campbell, B. Salinas

Analysis Requested

Refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	8260 Including Oxygenates	Chloride	Nitrate-N, TDS	Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
	VSL-1	4/15/14	13:40	X	X	X				X				
	VSL-4		15:15	X	X	X				X				
	VSL-6		12:25	X	X	X				X				
	VSL-8		14:45	X	X	X				X				
	VSL-10		10:25	X	X	X				X				
	VSL-11		0930	X	X	X				X				
	VSL-12		13:33	X	X	X				X				
	VSL-18		11:30	X	X	X				X				
	VSL-Dup		—	X	X	X				X				
	QCAB		—	X								X		
	QCTB		—	X								X		

Sample Matrix: Soil, Sludge, Drinking Water, Ground Water, Waste Water, Other

Lab 0.7 H2O

Turnaround # of work days*

Are there any tests with holding times less than or equal to 48 hours? [X] Yes [ ] No

* Standard Turnaround = 10 work days

Notes

Billing

[X] Same as above

Client:
Address:
City: State Zip
Attn:
PO#:

EDF Required? Geotracker [X] Yes [ ] No

Send Copy to State of CA? (EDT) [ ] Yes [X] No

Global ID (Needed for EDF)

System # (Needed for EDT)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Michael Campbell	4-15-14	1700		4-16-14	1300
2.						
3.						

BC Laboratories, Inc.

Chain of Custody Form

Page 1 of 1

Report To: Client: Geologic Assoc.	Project #: 2013.0089
Attn: Terri Satterfield	Project Name: Victorville Landfill
Street Address: 250 W. 1st St.	
City, State, Zip: C.M. 91711	Sampler(s): B. Salinas
Phone: 626-2282 Fax: 626-1233	
Email Address:	
Work Order #:	

Analysis Requested

Please refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	TO-14	CH4, CO2, O2	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
	VSLG-5d	4/13/14	1230	X	X						GAS		
	QCTB	4/13/14	—	X							GAS		

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☒ No

* Standard Turnaround = 10 work days

Billing ☒ Same as above

Client:

Address:

City: State Zip

Attn:

PO#:

EDF Required? Geotracker ☒ Yes ☐ No

Send Copy to State of CA? (EDT) ☐ Yes ☒ No

Global ID (Needed for EDF)

System # (Needed for EDT)

	Date	Time		Date	Time
1. Relinquished By: [signature]	4/15/14	1650	1. Received By: [signature]	4-16-14	1320
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Date of Report: 04/21/2014

Terri Satterfield

Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Client Project:	Victorville 2013-0089
BCL Project:	Colorado/Lahontan Region Samples
BCL Work Order:	1408579
Invoice ID:	B171370

Enclosed are the results of analyses for samples received by the laboratory on 4/16/2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green
Client Services Manager

Authorized Signature

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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BC Laboratories, Inc.

Chain of Custody Form

Page 1 of 1

Report To:
Client: Geologic Assoc.
Attn: Terri Satterfield
Street Address: 250 W. 1st St.
City, State, Zip: C.M. 91711
Phone: 626-2282 (909) Fax: 626-1233 (909)
Email Address:
Work Order #: 14-08579

Project #: 2013.0089
Project Name: Victorville Landfill
Sampler(s): B. Salinas

Analysis Requested: TO-14, CH4, Cor, O2, N2

Please refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	TO-14	CH4, Cor, O2, N2	Sample Matrix: Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
1	VSLG-5d	4/15/14	1230	X	X						GAS		
2	QCTB	4/15/14	—	X							GAS		

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☒ No

* Standard Turnaround = 10 work days

CHK BY DISTRIBUTION SUB-OUT

Billing ☒ Same as above
Client:
Address:
City: State Zip
Attn:
PO#:

EDF Required? Geotracker ☒ Yes ☐ No
Send Copy to State of CA? (EDT) ☐ Yes ☒ No

Global ID (Needed for EDF)
System # (Needed for EDT)

Relinquished By	Date	Time	Received By	Date	Time
1. B. Salinas	4/15/14	1650	1.	4-16-14	1320
2.	4-16-14	1705	2.	4-16-14	1705
3.			3.		

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

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Chain of Custody and Cooler Receipt Form for 1408579 Page 2 of 2

BC LABORATORIES INC. **COOLER RECEIPT FORM** Rev. No. 15 07/01/13 Page 1 Of 1

Submission #: 14-08579

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☐ None ☐ Box ☐
Other ☒ (Specify) Bag

FREE LIQUID
YES ☐ NO ☐

Refrigerant: Ice ☐ Blue Ice ☐ None ☒ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☐ YES ☐ NO

Emissivity: — Container: Tedlar Thermometer ID: — Date/Time 4-16-14 1705

Temperature: (A) Room °C / (C) Temp °C Analyst Init _____

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG Tedlar	AB	A								
FERROUS IRON										
ENCORE										
SMART KIT										
Summa Canister										

Comments:_____
Sample Numbering Completed By: M Date/Time: 4-16-14 1850

[S:\MyDOCS\WordPerfect\LAB DOCS\FORMS\SAMREC15]

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 04/21/2014 13:51 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1408579-01	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 12:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSLG-5d	**Lab Matrix:**	Air
	Sampled By:	GASD	**Sample Type:**	Vapor or Air
1408579-02	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QCTB	**Lab Matrix:**	Air
	Sampled By:	GASD	**Sample Type:**	Vapor Blank

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

BCL Sample ID: 1408579-01 | **Client Sample Name:** Victorville, VSLG-5d, 4/15/2014 12:30:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**24**	**ppbv**	**5.0**	**0.68**	**EPA-TO-15**	ND	**A01**	1
Bromomethane	ND	ppbv	5.0	0.88	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ppbv	5.0	0.57	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ppbv	5.0	0.50	EPA-TO-15	ND	A01	1
Chloroethane	ND	ppbv	5.0	0.72	EPA-TO-15	ND	A01	1
Chloroform	**8.2**	**ppbv**	**5.0**	**0.51**	**EPA-TO-15**	ND	**A01**	1
Chloromethane	ND	ppbv	5.0	0.51	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ppbv	5.0	0.56	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ppbv	5.0	0.91	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ppbv	5.0	0.66	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	**1000**	**ppbv**	**5.0**	**0.66**	**EPA-TO-15**	ND	**A01**	1
1,1-Dichloroethane	**730**	**ppbv**	**5.0**	**0.63**	**EPA-TO-15**	ND	**A01**	1
1,2-Dichloroethane	ND	ppbv	5.0	0.50	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	**230**	**ppbv**	**5.0**	**0.63**	**EPA-TO-15**	ND	**A01**	1
cis-1,2-Dichloroethene	ND	ppbv	5.0	0.50	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ppbv	5.0	0.68	EPA-TO-15	ND	A01	1
cis-1,3-Dichloropropene	ND	ppbv	5.0	0.63	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ppbv	5.0	0.62	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**130**	**ppbv**	**5.0**	**0.51**	**EPA-TO-15**	ND	**A01**	1
Ethylbenzene	ND	ppbv	5.0	0.50	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ppbv	5.0	0.59	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ppbv	5.0	0.50	EPA-TO-15	ND	A01	1
Styrene	ND	ppbv	5.0	0.53	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ppbv	5.0	0.84	EPA-TO-15	ND	A01	1
Tetrachloroethene	**370**	**ppbv**	**5.0**	**0.63**	**EPA-TO-15**	ND	**A01**	1
Toluene	**15**	**ppbv**	**5.0**	**0.51**	**EPA-TO-15**	ND	**A01**	1
1,2,4-Trichlorobenzene	ND	ppbv	10	0.58	EPA-TO-15	ND	A01	1
1,1,1-Trichloroethane	ND	ppbv	5.0	0.64	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ppbv	5.0	0.57	EPA-TO-15	ND	A01	1
Trichloroethene	**52**	**ppbv**	**5.0**	**0.50**	**EPA-TO-15**	ND	**A01**	1
Trichlorofluoromethane	**270**	**ppbv**	**5.0**	**0.55**	**EPA-TO-15**	ND	**A01**	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**51**	**ppbv**	**5.0**	**0.50**	**EPA-TO-15**	ND	**A01**	1
1,2,4-Trimethylbenzene	ND	ppbv	5.0	0.50	EPA-TO-15	ND	A01	1

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Claremont, CA 91711

Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

BCL Sample ID: 1408579-01 | **Client Sample Name:** Victorville, VSLG-5d, 4/15/2014 12:30:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3,5-Trimethylbenzene	ND	ppbv	5.0	1.2	EPA-TO-15	ND	A01	1
Vinyl chloride	**47**	**ppbv**	**5.0**	**0.53**	**EPA-TO-15**	ND	**A01**	1
p- & m-Xylenes	ND	ppbv	5.0	1.1	EPA-TO-15	ND	A01	1
o-Xylene	ND	ppbv	5.0	0.70	EPA-TO-15	ND	A01	1
4-Bromofluorobenzene (Surrogate)	123	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-TO-15	04/18/14	04/18/14 15:37	MJB	MS-A1	10	BXD1549

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Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Fixed Gases by GC/TCD (EPA 3C)

BCL Sample ID: 1408579-01 | **Client Sample Name:** Victorville, VSLG-5d, 4/15/2014 12:30:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Carbon dioxide (CO2)	**5.3**	**% by Vol.**	**0.10**	**0.060**	**EPA-3C**	ND		1
Carbon monoxide (CO)	ND	% by Vol.	0.050	0.032	EPA-3C	ND		1
Methane (CH4)	**3.9**	**% by Vol.**	**0.00020**	**0.00020**	**EPA-3C**	ND		1
Nitrogen (N2)	**73**	**% by Vol.**	**5.0**	**3.9**	**EPA-3C**	ND		1
Oxygen (O2)	**18**	**% by Vol.**	**0.020**	**0.016**	**EPA-3C**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-3C	04/16/14	04/16/14 23:22	MK1	HPCHEM	1	BXD1522

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Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

BCL Sample ID: 1408579-02 | **Client Sample Name:** Victorville, QCTB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ppbv	2.5	0.34	EPA-TO-15	ND	A01	1
Bromomethane	ND	ppbv	2.5	0.44	EPA-TO-15	ND	A01	1
Carbon tetrachloride	ND	ppbv	2.5	0.28	EPA-TO-15	ND	A01	1
Chlorobenzene	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1
Chloroethane	ND	ppbv	2.5	0.36	EPA-TO-15	ND	A01	1
Chloroform	ND	ppbv	2.5	0.26	EPA-TO-15	ND	A01	1
Chloromethane	ND	ppbv	2.5	0.26	EPA-TO-15	ND	A01	1
1,2-Dichlorobenzene	ND	ppbv	2.5	0.28	EPA-TO-15	ND	A01	1
1,3-Dichlorobenzene	ND	ppbv	2.5	0.46	EPA-TO-15	ND	A01	1
1,4-Dichlorobenzene	ND	ppbv	2.5	0.33	EPA-TO-15	ND	A01	1
Dichlorodifluoromethane	ND	ppbv	2.5	0.33	EPA-TO-15	ND	A01	1
1,1-Dichloroethane	ND	ppbv	2.5	0.32	EPA-TO-15	ND	A01	1
1,2-Dichloroethane	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1
1,1-Dichloroethene	ND	ppbv	2.5	0.32	EPA-TO-15	ND	A01	1
cis-1,2-Dichloroethene	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1
1,2-Dichloropropane	ND	ppbv	2.5	0.34	EPA-TO-15	ND	A01	1
cis-1,3-Dichloropropene	ND	ppbv	2.5	0.32	EPA-TO-15	ND	A01	1
trans-1,3-Dichloropropene	ND	ppbv	2.5	0.31	EPA-TO-15	ND	A01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ppbv	2.5	0.26	EPA-TO-15	ND	A01	1
Ethylbenzene	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1
Hexachlorobutadiene	ND	ppbv	2.5	0.30	EPA-TO-15	ND	A01	1
Methylene chloride	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1
Styrene	ND	ppbv	2.5	0.26	EPA-TO-15	ND	A01	1
1,1,2,2-Tetrachloroethane	ND	ppbv	2.5	0.42	EPA-TO-15	ND	A01	1
Tetrachloroethene	ND	ppbv	2.5	0.32	EPA-TO-15	ND	A01	1
Toluene	ND	ppbv	2.5	0.26	EPA-TO-15	ND	A01	1
1,2,4-Trichlorobenzene	ND	ppbv	5.0	0.29	EPA-TO-15	ND	A01	1
1,1,1-Trichloroethane	ND	ppbv	2.5	0.32	EPA-TO-15	ND	A01	1
1,1,2-Trichloroethane	ND	ppbv	2.5	0.28	EPA-TO-15	ND	A01	1
Trichloroethene	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1
Trichlorofluoromethane	ND	ppbv	2.5	0.28	EPA-TO-15	ND	A01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1
1,2,4-Trimethylbenzene	ND	ppbv	2.5	0.25	EPA-TO-15	ND	A01	1

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Claremont, CA 91711

Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

BCL Sample ID: 1408579-02 | **Client Sample Name:** Victorville, QCTB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3,5-Trimethylbenzene	ND	ppbv	2.5	0.60	EPA-TO-15	ND	A01	1
Vinyl chloride	ND	ppbv	2.5	0.26	EPA-TO-15	ND	A01	1
p- & m-Xylenes	ND	ppbv	2.5	0.55	EPA-TO-15	ND	A01	1
o-Xylene	ND	ppbv	2.5	0.35	EPA-TO-15	ND	A01	1
4-Bromofluorobenzene (Surrogate)	176	%	70 - 130 (LCL - UCL)		EPA-TO-15			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-TO-15	04/18/14	04/18/14 16:06	MJB	MS-A1	5	BXD1549

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Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXD1549						
Benzene	BXD1549-BLK1	ND	ppbv	0.50	0.068	
Bromomethane	BXD1549-BLK1	ND	ppbv	0.50	0.088	
Carbon tetrachloride	BXD1549-BLK1	ND	ppbv	0.50	0.057	
Chlorobenzene	BXD1549-BLK1	ND	ppbv	0.50	0.050	
Chloroethane	BXD1549-BLK1	ND	ppbv	0.50	0.072	
Chloroform	BXD1549-BLK1	ND	ppbv	0.50	0.051	
Chloromethane	BXD1549-BLK1	ND	ppbv	0.50	0.051	
1,2-Dichlorobenzene	BXD1549-BLK1	ND	ppbv	0.50	0.056	
1,3-Dichlorobenzene	BXD1549-BLK1	ND	ppbv	0.50	0.091	
1,4-Dichlorobenzene	BXD1549-BLK1	ND	ppbv	0.50	0.066	
Dichlorodifluoromethane	BXD1549-BLK1	ND	ppbv	0.50	0.066	
1,1-Dichloroethane	BXD1549-BLK1	ND	ppbv	0.50	0.063	
1,2-Dichloroethane	BXD1549-BLK1	ND	ppbv	0.50	0.050	
1,1-Dichloroethene	BXD1549-BLK1	ND	ppbv	0.50	0.063	
cis-1,2-Dichloroethene	BXD1549-BLK1	ND	ppbv	0.50	0.050	
1,2-Dichloropropane	BXD1549-BLK1	ND	ppbv	0.50	0.068	
cis-1,3-Dichloropropene	BXD1549-BLK1	ND	ppbv	0.50	0.063	
trans-1,3-Dichloropropene	BXD1549-BLK1	ND	ppbv	0.50	0.062	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	BXD1549-BLK1	ND	ppbv	0.50	0.051	
Ethylbenzene	BXD1549-BLK1	ND	ppbv	0.50	0.050	
Hexachlorobutadiene	BXD1549-BLK1	ND	ppbv	0.50	0.059	
Methylene chloride	BXD1549-BLK1	ND	ppbv	0.50	0.050	
Styrene	BXD1549-BLK1	ND	ppbv	0.50	0.053	
1,1,2,2-Tetrachloroethane	BXD1549-BLK1	ND	ppbv	0.50	0.084	
Tetrachloroethene	BXD1549-BLK1	ND	ppbv	0.50	0.063	
Toluene	BXD1549-BLK1	ND	ppbv	0.50	0.051	
1,2,4-Trichlorobenzene	BXD1549-BLK1	ND	ppbv	1.0	0.058	
1,1,1-Trichloroethane	BXD1549-BLK1	ND	ppbv	0.50	0.064	
1,1,2-Trichloroethane	BXD1549-BLK1	ND	ppbv	0.50	0.057	
Trichloroethene	BXD1549-BLK1	ND	ppbv	0.50	0.050	
Trichlorofluoromethane	BXD1549-BLK1	ND	ppbv	0.50	0.055	
1,1,2-Trichloro-1,2,2-trifluoroethane	BXD1549-BLK1	ND	ppbv	0.50	0.050	
1,2,4-Trimethylbenzene	BXD1549-BLK1	ND	ppbv	0.50	0.050	
1,3,5-Trimethylbenzene	BXD1549-BLK1	ND	ppbv	0.50	0.12	

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 04/21/2014 13:51 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXD1549						
Vinyl chloride	BXD1549-BLK1	ND	ppbv	0.50	0.053	
p- & m-Xylenes	BXD1549-BLK1	ND	ppbv	0.50	0.11	
o-Xylene	BXD1549-BLK1	ND	ppbv	0.50	0.070	
4-Bromofluorobenzene (Surrogate)	**BXD1549-BLK1**	**120**	%	**70 - 130 (LCL - UCL)**		

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Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXD1549										
Benzene	BXD1549-BS1	LCS	6.4660	5.0000	ppbv	129		70 - 130		
	BXD1549-BSD1	LCSD	6.3110	5.0000	ppbv	126	2.4	70 - 130	30	
Bromomethane	BXD1549-BS1	LCS	6.2450	5.0000	ppbv	125		70 - 130		
	BXD1549-BSD1	LCSD	6.4500	5.0000	ppbv	129	3.2	70 - 130	30	
Carbon tetrachloride	BXD1549-BS1	LCS	6.2880	5.0000	ppbv	126		70 - 130		
	BXD1549-BSD1	LCSD	6.1530	5.0000	ppbv	123	2.2	70 - 130	30	
Chlorobenzene	BXD1549-BS1	LCS	5.7600	5.0000	ppbv	115		70 - 130		
	BXD1549-BSD1	LCSD	5.5670	5.0000	ppbv	111	3.4	70 - 130	30	
Chloroethane	BXD1549-BS1	LCS	6.2730	5.0000	ppbv	125		70 - 130		
	BXD1549-BSD1	LCSD	6.4210	5.0000	ppbv	128	2.3	70 - 130	30	
Chloroform	BXD1549-BS1	LCS	6.3370	5.0000	ppbv	127		70 - 130		
	BXD1549-BSD1	LCSD	6.1860	5.0000	ppbv	124	2.4	70 - 130	30	
Chloromethane	**BXD1549-BS1**	LCS	**6.6230**	**5.0000**	**ppbv**	**132**		**70 - 130**		
	BXD1549-BSD1	LCSD	**6.7910**	**5.0000**	**ppbv**	**136**	**2.5**	**70 - 130**	**30**	
1,2-Dichlorobenzene	**BXD1549-BS1**	LCS	**8.2530**	**5.0000**	**ppbv**	**165**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.9520**	**5.0000**	**ppbv**	**179**	**8.1**	**70 - 130**	**30**	
1,3-Dichlorobenzene	**BXD1549-BS1**	LCS	**8.3960**	**5.0000**	**ppbv**	**168**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.8050**	**5.0000**	**ppbv**	**176**	**4.8**	**70 - 130**	**30**	
1,4-Dichlorobenzene	**BXD1549-BS1**	LCS	**7.7340**	**5.0000**	**ppbv**	**155**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.6200**	**5.0000**	**ppbv**	**172**	**10.8**	**70 - 130**	**30**	
Dichlorodifluoromethane	**BXD1549-BS1**	LCS	**6.9260**	**5.0000**	**ppbv**	**139**		**70 - 130**		
	BXD1549-BSD1	LCSD	**7.4280**	**5.0000**	**ppbv**	**149**	**7.0**	**70 - 130**	**30**	
1,1-Dichloroethane	BXD1549-BS1	LCS	6.3530	5.0000	ppbv	127		70 - 130		
	BXD1549-BSD1	LCSD	6.3090	5.0000	ppbv	126	0.7	70 - 130	30	
1,2-Dichloroethane	BXD1549-BS1	LCS	6.3030	5.0000	ppbv	126		70 - 130		
	BXD1549-BSD1	LCSD	6.3460	5.0000	ppbv	127	0.7	70 - 130	30	
1,1-Dichloroethene	BXD1549-BS1	LCS	6.3020	5.0000	ppbv	126		70 - 130		
	BXD1549-BSD1	LCSD	6.2690	5.0000	ppbv	125	0.5	70 - 130	30	
cis-1,2-Dichloroethene	BXD1549-BS1	LCS	6.4890	5.0000	ppbv	130		70 - 130		
	BXD1549-BSD1	LCSD	6.3870	5.0000	ppbv	128	1.6	70 - 130	30	
1,2-Dichloropropane	BXD1549-BS1	LCS	5.7290	5.0000	ppbv	115		70 - 130		
	BXD1549-BSD1	LCSD	5.8200	5.0000	ppbv	116	1.6	70 - 130	30	
cis-1,3-Dichloropropene	BXD1549-BS1	LCS	6.0190	5.0000	ppbv	120		70 - 130		
	BXD1549-BSD1	LCSD	6.2020	5.0000	ppbv	124	3.0	70 - 130	30	
trans-1,3-Dichloropropene	BXD1549-BS1	LCS	5.7660	5.0000	ppbv	115		70 - 130		
	BXD1549-BSD1	LCSD	5.8350	5.0000	ppbv	117	1.2	70 - 130	30	

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Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXD1549										
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**BXD1549-BS1**	LCS	**6.2780**	**5.0000**	**ppbv**	**126**		**70 - 130**		
	BXD1549-BSD1	LCSD	**6.6490**	**5.0000**	**ppbv**	**133**	**5.7**	**70 - 130**	**30**	
Ethylbenzene	**BXD1549-BS1**	LCS	**8.4680**	**5.0000**	**ppbv**	**169**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.2470**	**5.0000**	**ppbv**	**165**	**2.6**	**70 - 130**	**30**	
Hexachlorobutadiene	**BXD1549-BS1**	LCS	**0.71400**	**5.0000**	**ppbv**	**14.3**		**70 - 130**		
	BXD1549-BSD1	LCSD	**3.6980**	**5.0000**	**ppbv**	**74.0**	**135**	**70 - 130**	**30**	
Methylene chloride	BXD1549-BS1	LCS	6.3730	5.0000	ppbv	127		70 - 130		
	BXD1549-BSD1	LCSD	6.4200	5.0000	ppbv	128	0.7	70 - 130	30	
Styrene	**BXD1549-BS1**	LCS	**9.0180**	**5.0000**	**ppbv**	**180**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.7070**	**5.0000**	**ppbv**	**174**	**3.5**	**70 - 130**	**30**	
1,1,2,2-Tetrachloroethane	**BXD1549-BS1**	LCS	**8.4490**	**5.0000**	**ppbv**	**169**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.2850**	**5.0000**	**ppbv**	**166**	**2.0**	**70 - 130**	**30**	
Tetrachloroethene	BXD1549-BS1	LCS	5.5160	5.0000	ppbv	110		70 - 130		
	BXD1549-BSD1	LCSD	5.4720	5.0000	ppbv	109	0.8	70 - 130	30	
Toluene	BXD1549-BS1	LCS	5.9500	5.0000	ppbv	119		70 - 130		
	BXD1549-BSD1	LCSD	5.9710	5.0000	ppbv	119	0.4	70 - 130	30	
1,2,4-Trichlorobenzene	**BXD1549-BS1**	LCS	**0.48600**	**5.0000**	**ppbv**	**9.7**		**70 - 130**		**J**
	BXD1549-BSD1	LCSD	**5.0080**	**5.0000**	**ppbv**	**100**	**165**	**70 - 130**	**30**	
1,1,1-Trichloroethane	BXD1549-BS1	LCS	6.4020	5.0000	ppbv	128		70 - 130		
	BXD1549-BSD1	LCSD	6.3050	5.0000	ppbv	126	1.5	70 - 130	30	
1,1,2-Trichloroethane	BXD1549-BS1	LCS	5.8020	5.0000	ppbv	116		70 - 130		
	BXD1549-BSD1	LCSD	5.9320	5.0000	ppbv	119	2.2	70 - 130	30	
Trichloroethene	BXD1549-BS1	LCS	5.4950	5.0000	ppbv	110		70 - 130		
	BXD1549-BSD1	LCSD	5.4880	5.0000	ppbv	110	0.1	70 - 130	30	
Trichlorofluoromethane	BXD1549-BS1	LCS	3.9580	5.0000	ppbv	79.2		70 - 130		
	BXD1549-BSD1	LCSD	4.5580	5.0000	ppbv	91.2	14.1	70 - 130	30	
1,1,2-Trichloro-1,2,2-trifluoroethane	BXD1549-BS1	LCS	6.3380	5.0000	ppbv	127		70 - 130		
	BXD1549-BSD1	LCSD	6.3330	5.0000	ppbv	127	0.1	70 - 130	30	
1,2,4-Trimethylbenzene	**BXD1549-BS1**	LCS	**9.1350**	**5.0000**	**ppbv**	**183**		**70 - 130**		
	BXD1549-BSD1	LCSD	**9.3700**	**5.0000**	**ppbv**	**187**	**2.5**	**70 - 130**	**30**	
1,3,5-Trimethylbenzene	**BXD1549-BS1**	LCS	**8.1500**	**5.0000**	**ppbv**	**163**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.2200**	**5.0000**	**ppbv**	**164**	**0.9**	**70 - 130**	**30**	
Vinyl chloride	**BXD1549-BS1**	LCS	**6.3000**	**5.0000**	**ppbv**	**126**		**70 - 130**		
	BXD1549-BSD1	LCSD	**6.7090**	**5.0000**	**ppbv**	**134**	**6.3**	**70 - 130**	**30**	
p- & m-Xylenes	**BXD1549-BS1**	LCS	**16.836**	**10.000**	**ppbv**	**168**		**70 - 130**		
	BXD1549-BSD1	LCSD	**16.201**	**10.000**	**ppbv**	**162**	**3.8**	**70 - 130**	**30**	

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 04/21/2014 13:51 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Volatile Organic Compounds by GC/MS (EPA Method TO-15)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXD1549										
o-Xylene	**BXD1549-BS1**	LCS	**8.4730**	**5.0000**	**ppbv**	**169**		**70 - 130**		
	BXD1549-BSD1	LCSD	**8.2020**	**5.0000**	**ppbv**	**164**	**3.3**	**70 - 130**	**30**	
4-Bromofluorobenzene (Surrogate)	BXD1549-BS1	LCS	10.914	10.000	ppbv	109		70 - 130		
	BXD1549-BSD1	LCSD	10.260	10.000	ppbv	103	6.2	70 - 130		

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 04/21/2014 13:51 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Fixed Gases by GC/TCD (EPA 3C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXD1522						
Carbon dioxide (CO2)	BXD1522-BLK1	ND	% by Vol.	0.10	0.060	
Carbon monoxide (CO)	BXD1522-BLK1	ND	% by Vol.	0.050	0.032	
Methane (CH4)	BXD1522-BLK1	ND	% by Vol.	0.00020	0.00020	
Nitrogen (N2)	BXD1522-BLK1	ND	% by Vol.	5.0	3.9	
Oxygen (O2)	BXD1522-BLK1	ND	% by Vol.	0.020	0.016	

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 04/21/2014 13:51
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Fixed Gases by GC/TCD (EPA 3C)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXD1522										
Carbon dioxide (CO2)	BXD1522-BS1	LCS	6.0290	6.0000	% by Vol.	100		70 - 130		
	BXD1522-BSD1	LCSD	6.1000	6.0000	% by Vol.	102	1.2	70 - 130	30	
Carbon monoxide (CO)	BXD1522-BS1	LCS	2.6990	2.8000	% by Vol.	96.4		70 - 130		
	BXD1522-BSD1	LCSD	2.7230	2.8000	% by Vol.	97.2	0.9	70 - 130	30	
Methane (CH4)	BXD1522-BS1	LCS	1.9000	1.8000	% by Vol.	106		70 - 130		
	BXD1522-BSD1	LCSD	1.9240	1.8000	% by Vol.	107	1.3	70 - 130	30	
Nitrogen (N2)	BXD1522-BS1	LCS	22.575	24.600	% by Vol.	91.8		70 - 130		
	BXD1522-BSD1	LCSD	22.945	24.600	% by Vol.	93.3	1.6	70 - 130	30	
Oxygen (O2)	BXD1522-BS1	LCS	1.4300	1.6000	% by Vol.	89.4		70 - 130		
	BXD1522-BSD1	LCSD	1.4540	1.6000	% by Vol.	90.9	1.7	70 - 130	30	

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 04/21/2014 13:51 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.

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Date of Report: 05/01/2014

Terri Satterfield

Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Client Project:	Victorville 2013-0089
BCL Project:	Colorado/Lahontan Region Samples
BCL Work Order:	1408578
Invoice ID:	B172221

Enclosed are the results of analyses for samples received by the laboratory on 4/16/2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green
Client Services Manager

Authorized Signature

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BC Laboratories, Inc.

Chain of Custody Form

Page 1 of 1

Report To:
Client: GeoLogic Associates
Attn: Terri Satterfield
Street Address: 250 W. First St #208
City, State, Zip: Claremont, CA 91711
Phone: 909 626-2282 Fax: 909 626-1233
Email Address:
Work Order #: 14-08578

Project #: 2013-0089
Project Name: Victorville
Sampler(s): M. Campbell, B. Salinas

Analysis Requested: 8260B (including isobutyl alcohol), Chloride, Sulfate, Nitrate-N, TDS

Note: Refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	8260B (including isobutyl alcohol)	Chloride	Sulfate	Nitrate-N	TDS	Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	VSL-1	4/15/14	13:40	X	X	X						X				
-2	VSL-4		15:15	X	X	X						X				
-3	VSL-6		12:25	X	X	X						X				
-4	VSL-8		14:45	X	X	X						X				
-5	VSL-10		10:25	X	X	X						X				
-6	VSL-11		0930	X	X	X						X				
-7	VSL-12		13:33	X	X	X						X				
-8	VSL-18		11:30	X	X	X						X				
-9	VSL-Dup		—	X	X	X						X				
-10	QCAB		—	X										X		
-11	QCTB		—	X										X		

Sample Matrix: Lab 0.7 T120

Are there any tests with holding times less than or equal to 48 hours? [X] Yes [ ] No

* Standard Turnaround = 10 work days

SHORT HOLDING TIME
Cr^{+6} NO_2 NO_3 OP SS
DO Cl_2 BOD MBAS COT

CHK BY: MW
DISTRIBUTION: MW JLR
SUB-OUT

Billing
[X] Same as above
Client:
Address:
City: State: Zip:
Attn:
PO#:

EDF Required? Geotracker [X] Yes [ ] No
Send Copy to State of CA? (EDT) [ ] Yes [X] No

Global ID (Needed for EDF)
System # (Needed for EDT)

Relinquished By	Date	Time	Received By	Date	Time
1. Michael Campbell	4-15-14	1700	1. [illegible]	4-16-14	1320
2. [illegible]	4-16-14	1705	2. [illegible]	4-16-14	1705
3.			3.		

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

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Chain of Custody and Cooler Receipt Form for 1408578 Page 2 of 3

BC LABORATORIES INC. **COOLER RECEIPT FORM** Rev. No. 15 07/01/13 Page 1 Of 2

Submission #: 14-08578

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☐

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 0.95 Container: PE Thermometer ID: 207 Date/Time 4.16.14 1705
Temperature: (A) 0.7 °C / (C) 0.7 °C Analyst Init JT

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL	B	B	B	B	B	B	B	B	B	
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A(3)	A(3)	A(3)	A(3)	A(3)	A(3)	A(3)	A(3)	A(3)	A(2)
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
Summa Canister										

Comments:
Sample Numbering Completed By: JT Date/Time: 4.16.14 1830
A = Actual / C = Corrected

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Chain of Custody and Cooler Receipt Form for 1408578 Page 3 of 3

BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 15 07/01/13 Page 2 Of 2

Submission #: 14-08578

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☐

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 0.95 Container: PE Thermometer ID: 207 Date/Time 4-16-14 1705
Temperature: (A) 0.7 °C / (C) 0.7 °C Analyst Init TT

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK	A 2									
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
Summa Canister										

Comments:_____
Sample Numbering Completed By: M Date/Time: 4-16-14 1820
A = Actual / C = Corrected

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1408578-01	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 13:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-1	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-02	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 15:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-4	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-03	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 12:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-6	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-04	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 14:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-8	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-05	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 10:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-10	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-06	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 09:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-11	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-07	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 13:33
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-12	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1408578-08	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 11:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-18	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-09	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	VSL-Dup	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Groundwater
1408578-10	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QCAB	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Water
1408578-11	**COC Number:**	---	**Receive Date:**	04/16/2014 17:05
	Project Number:	Victorville	**Sampling Date:**	04/15/2014 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QCTB	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Blank Water

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-01 | **Client Sample Name:** Victorville, VSL-1, 4/15/2014 1:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	**1.4**	**ug/L**	**0.50**	**0.099**	**EPA-8260B**	ND	**V01**	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-01 | **Client Sample Name:** Victorville, VSL-1, 4/15/2014 1:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	**0.92**	**ug/L**	**0.50**	**0.13**	**EPA-8260B**	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-01 | **Client Sample Name:** Victorville, VSL-1, 4/15/2014 1:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.1	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.1	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 12:58	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-01 | **Client Sample Name:** Victorville, VSL-1, 4/15/2014 1:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**82**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	**4.3**	**mg/L**	**0.10**	**0.025**	**EPA-300.0**	ND		1
Sulfate	**54**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**430**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 06:37	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-02 | **Client Sample Name:** Victorville, VSL-4, 4/15/2014 3:15:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-02 | **Client Sample Name:** Victorville, VSL-4, 4/15/2014 3:15:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-02 | **Client Sample Name:** Victorville, VSL-4, 4/15/2014 3:15:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	113	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.4	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.4	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 13:22	AA1	MS-V13	1	BXD1523

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Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-02 | **Client Sample Name:** Victorville, VSL-4, 4/15/2014 3:15:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**110**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	**3.1**	**mg/L**	**0.10**	**0.025**	**EPA-300.0**	ND		1
Sulfate	**91**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**590**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 07:07	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-03 | **Client Sample Name:** Victorville, VSL-6, 4/15/2014 12:25:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	**4.5**	**ug/L**	**0.50**	**0.099**	**EPA-8260B**	ND	**V01**	1
1,1-Dichloroethane	**3.1**	**ug/L**	**0.50**	**0.11**	**EPA-8260B**	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-03 | **Client Sample Name:** Victorville, VSL-6, 4/15/2014 12:25:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	**7.3**	**ug/L**	**0.50**	**0.13**	**EPA-8260B**	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	**0.40**	**ug/L**	**0.50**	**0.085**	**EPA-8260B**	ND	**J**	1
Trichlorofluoromethane	**0.92**	**ug/L**	**0.50**	**0.13**	**EPA-8260B**	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-03 | **Client Sample Name:** Victorville, VSL-6, 4/15/2014 12:25:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.2	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 13:46	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-03 | **Client Sample Name:** Victorville, VSL-6, 4/15/2014 12:25:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**48**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	**12**	**mg/L**	**0.10**	**0.025**	**EPA-300.0**	ND		1
Sulfate	**49**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**610**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 03:06	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-04 | **Client Sample Name:** Victorville, VSL-8, 4/15/2014 2:45:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-04 | **Client Sample Name:** Victorville, VSL-8, 4/15/2014 2:45:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-04 | **Client Sample Name:** Victorville, VSL-8, 4/15/2014 2:45:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.7	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.3	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 14:10	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-04 | **Client Sample Name:** Victorville, VSL-8, 4/15/2014 2:45:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**61**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	ND	mg/L	0.10	0.025	EPA-300.0	ND		1
Sulfate	**120**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**310**	**mg/L**	**20**	**20**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 06:52	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	2	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-05 | **Client Sample Name:** Victorville, VSL-10, 4/15/2014 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-05 | **Client Sample Name:** Victorville, VSL-10, 4/15/2014 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-05 | **Client Sample Name:** Victorville, VSL-10, 4/15/2014 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	111	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.2	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.0	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 14:34	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-05 | **Client Sample Name:** Victorville, VSL-10, 4/15/2014 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**50**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	**3.1**	**mg/L**	**0.10**	**0.025**	**EPA-300.0**	ND		1
Sulfate	**240**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**590**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 01:51	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-06 | **Client Sample Name:** Victorville, VSL-11, 4/15/2014 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-06 | **Client Sample Name:** Victorville, VSL-11, 4/15/2014 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-06 | **Client Sample Name:** Victorville, VSL-11, 4/15/2014 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	111	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.5	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.1	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 14:58	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-06 | **Client Sample Name:** Victorville, VSL-11, 4/15/2014 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**41**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	ND	mg/L	0.10	0.025	EPA-300.0	ND		1
Sulfate	**230**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**580**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 09:55	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-07 | **Client Sample Name:** Victorville, VSL-12, 4/15/2014 1:33:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	**1.2**	**ug/L**	**0.50**	**0.099**	**EPA-8260B**	ND	**V01**	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-07 | **Client Sample Name:** Victorville, VSL-12, 4/15/2014 1:33:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	**0.40**	**ug/L**	**0.50**	**0.13**	**EPA-8260B**	ND	**J**	1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-07 | **Client Sample Name:** Victorville, VSL-12, 4/15/2014 1:33:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.3	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.6	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 15:21	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-07 | **Client Sample Name:** Victorville, VSL-12, 4/15/2014 1:33:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**52**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	**6.5**	**mg/L**	**0.10**	**0.025**	**EPA-300.0**	ND		1
Sulfate	**140**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**460**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 06:22	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-08 | **Client Sample Name:** Victorville, VSL-18, 4/15/2014 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-08 | **Client Sample Name:** Victorville, VSL-18, 4/15/2014 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-08 | **Client Sample Name:** Victorville, VSL-18, 4/15/2014 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.2	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.7	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 15:45	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-08 | **Client Sample Name:** Victorville, VSL-18, 4/15/2014 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**77**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	**18**	**mg/L**	**0.10**	**0.025**	**EPA-300.0**	ND		1
Sulfate	**130**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**530**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 02:51	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-09 | **Client Sample Name:** Victorville, VSL-Dup, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-09 | **Client Sample Name:** Victorville, VSL-Dup, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-09 | **Client Sample Name:** Victorville, VSL-Dup, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.4	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.3	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/18/14	04/22/14 19:18	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1408578-09 | **Client Sample Name:** Victorville, VSL-Dup, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**42**	**mg/L**	**0.50**	**0.067**	**EPA-300.0**	ND		1
Nitrate as N	**0.37**	**mg/L**	**0.10**	**0.025**	**EPA-300.0**	ND		1
Sulfate	**230**	**mg/L**	**1.0**	**0.18**	**EPA-300.0**	ND		1
Total Dissolved Solids @ 180 C	**600**	**mg/L**	**33**	**33**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/16/14	04/17/14 06:07	LD1	IC1	1	BXD1388
2	EPA-160.1	04/21/14	04/21/14 13:40	FRP	MANUAL	3.333	BXD1704

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-10 | **Client Sample Name:** Victorville, QCAB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-10 | **Client Sample Name:** Victorville, QCAB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-10 | **Client Sample Name:** Victorville, QCAB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	100	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.8	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/17/14	04/18/14 07:09	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-11 | **Client Sample Name:** Victorville, QCTB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND	V01	1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-11 | **Client Sample Name:** Victorville, QCTB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1408578-11 | **Client Sample Name:** Victorville, QCTB, 4/15/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.3	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.8	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/17/14	04/18/14 06:45	AA1	MS-V13	1	BXD1523

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXD1523						
Benzene	BXD1523-BLK1	ND	ug/L	0.50	0.083	
Bromobenzene	BXD1523-BLK1	ND	ug/L	0.50	0.13	
Bromochloromethane	BXD1523-BLK1	ND	ug/L	0.50	0.24	
Bromodichloromethane	BXD1523-BLK1	ND	ug/L	0.50	0.14	
Bromoform	BXD1523-BLK1	ND	ug/L	0.50	0.27	
Bromomethane	BXD1523-BLK1	ND	ug/L	1.0	0.25	
n-Butylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.11	
sec-Butylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.15	
tert-Butylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.13	
Carbon tetrachloride	BXD1523-BLK1	ND	ug/L	0.50	0.18	
Chlorobenzene	BXD1523-BLK1	ND	ug/L	0.50	0.093	
Chloroethane	BXD1523-BLK1	ND	ug/L	0.50	0.14	
Chloroform	BXD1523-BLK1	ND	ug/L	0.50	0.12	
Chloromethane	BXD1523-BLK1	ND	ug/L	0.50	0.14	
2-Chlorotoluene	BXD1523-BLK1	ND	ug/L	0.50	0.20	
4-Chlorotoluene	BXD1523-BLK1	ND	ug/L	0.50	0.15	
Dibromochloromethane	BXD1523-BLK1	ND	ug/L	0.50	0.13	
1,2-Dibromo-3-chloropropane	BXD1523-BLK1	ND	ug/L	1.0	0.44	
1,2-Dibromoethane	BXD1523-BLK1	ND	ug/L	0.50	0.16	
Dibromomethane	BXD1523-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichlorobenzene	BXD1523-BLK1	ND	ug/L	0.50	0.072	
1,3-Dichlorobenzene	BXD1523-BLK1	ND	ug/L	0.50	0.15	
1,4-Dichlorobenzene	BXD1523-BLK1	ND	ug/L	0.50	0.062	
Dichlorodifluoromethane	BXD1523-BLK1	ND	ug/L	0.50	0.099	
1,1-Dichloroethane	BXD1523-BLK1	ND	ug/L	0.50	0.11	
1,2-Dichloroethane	BXD1523-BLK1	ND	ug/L	0.50	0.17	
1,1-Dichloroethene	BXD1523-BLK1	ND	ug/L	0.50	0.18	
cis-1,2-Dichloroethene	BXD1523-BLK1	ND	ug/L	0.50	0.085	
trans-1,2-Dichloroethene	BXD1523-BLK1	ND	ug/L	0.50	0.15	
1,2-Dichloropropane	BXD1523-BLK1	ND	ug/L	0.50	0.13	
1,3-Dichloropropane	BXD1523-BLK1	ND	ug/L	0.50	0.086	
2,2-Dichloropropane	BXD1523-BLK1	ND	ug/L	0.50	0.13	
1,1-Dichloropropene	BXD1523-BLK1	ND	ug/L	0.50	0.085	
cis-1,3-Dichloropropene	BXD1523-BLK1	ND	ug/L	0.50	0.14	

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXD1523						
trans-1,3-Dichloropropene	BXD1523-BLK1	ND	ug/L	0.50	0.079	
Ethylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.098	
Hexachlorobutadiene	BXD1523-BLK1	ND	ug/L	0.50	0.17	
Isopropylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.14	
p-Isopropyltoluene	BXD1523-BLK1	ND	ug/L	0.50	0.12	
Methylene chloride	BXD1523-BLK1	ND	ug/L	1.0	0.48	
Naphthalene	BXD1523-BLK1	ND	ug/L	0.50	0.36	
n-Propylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.11	
Styrene	BXD1523-BLK1	ND	ug/L	0.50	0.068	
1,1,1,2-Tetrachloroethane	BXD1523-BLK1	ND	ug/L	0.50	0.18	
1,1,2,2-Tetrachloroethane	BXD1523-BLK1	ND	ug/L	0.50	0.17	
Tetrachloroethene	BXD1523-BLK1	ND	ug/L	0.50	0.13	
Toluene	BXD1523-BLK1	ND	ug/L	0.50	0.093	
1,2,3-Trichlorobenzene	BXD1523-BLK1	ND	ug/L	0.50	0.16	
1,2,4-Trichlorobenzene	BXD1523-BLK1	ND	ug/L	0.50	0.19	
1,1,1-Trichloroethane	BXD1523-BLK1	ND	ug/L	0.50	0.11	
1,1,2-Trichloroethane	BXD1523-BLK1	ND	ug/L	0.50	0.16	
Trichloroethene	BXD1523-BLK1	ND	ug/L	0.50	0.085	
Trichlorofluoromethane	BXD1523-BLK1	ND	ug/L	0.50	0.13	
1,2,3-Trichloropropane	BXD1523-BLK1	ND	ug/L	1.0	0.24	
1,2,4-Trimethylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.12	
1,3,5-Trimethylbenzene	BXD1523-BLK1	ND	ug/L	0.50	0.12	
Vinyl chloride	BXD1523-BLK1	ND	ug/L	0.50	0.12	
Acetone	BXD1523-BLK1	ND	ug/L	10	4.6	
Acrylonitrile	BXD1523-BLK1	ND	ug/L	5.0	1.2	
Carbon disulfide	BXD1523-BLK1	ND	ug/L	1.0	0.38	
trans-1,4-Dichloro-2-butene	BXD1523-BLK1	ND	ug/L	5.0	1.4	
2-Hexanone	BXD1523-BLK1	ND	ug/L	10	3.4	
Isobutanol	BXD1523-BLK1	ND	ug/L	20	7.7	
Methyl ethyl ketone	BXD1523-BLK1	ND	ug/L	10	2.5	
Methyl iodide	BXD1523-BLK1	ND	ug/L	2.0	0.47	
Methyl isobutyl ketone	BXD1523-BLK1	ND	ug/L	10	2.1	
Vinyl acetate	BXD1523-BLK1	ND	ug/L	10	1.8	
p- & m-Xylenes	BXD1523-BLK1	ND	ug/L	0.50	0.28	

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 05/01/2014 12:19 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXD1523						
o-Xylene	BXD1523-BLK1	ND	ug/L	0.50	0.082	
1,2-Dichloroethane-d4 (Surrogate)	**BXD1523-BLK1**	**106**	%	**75 - 125 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**BXD1523-BLK1**	**98.1**	%	**80 - 120 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**BXD1523-BLK1**	**81.6**	%	**80 - 120 (LCL - UCL)**		

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Geologic Associates
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Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXD1523										
Benzene	BXD1523-BS1	LCS	19.610	25.000	ug/L	78.4		70 - 130		
Bromodichloromethane	BXD1523-BS1	LCS	32.120	25.000	ug/L	128		70 - 130		
Chlorobenzene	BXD1523-BS1	LCS	29.710	25.000	ug/L	119		70 - 130		
Chloroethane	BXD1523-BS1	LCS	17.960	25.000	ug/L	71.8		70 - 130		
1,4-Dichlorobenzene	BXD1523-BS1	LCS	28.820	25.000	ug/L	115		70 - 130		
1,1-Dichloroethane	BXD1523-BS1	LCS	19.310	25.000	ug/L	77.2		70 - 130		
1,1-Dichloroethene	BXD1523-BS1	LCS	19.550	25.000	ug/L	78.2		70 - 130		
Toluene	BXD1523-BS1	LCS	31.210	25.000	ug/L	125		70 - 130		
Trichloroethene	BXD1523-BS1	LCS	31.450	25.000	ug/L	126		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BXD1523-BS1	LCS	7.5600	10.000	ug/L	75.6		75 - 125		
Toluene-d8 (Surrogate)	BXD1523-BS1	LCS	9.1800	10.000	ug/L	91.8		80 - 120		
4-Bromofluorobenzene (Surrogate)	BXD1523-BS1	LCS	10.280	10.000	ug/L	103		80 - 120		

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BXD1523	Used client sample: N										
Benzene	MS	1408395-09	ND	22.930	25.000	ug/L		91.7		70 - 130	
	MSD	1408395-09	ND	25.430	25.000	ug/L	10.3	102	20	70 - 130	
Bromodichloromethane	MS	1408395-09	ND	25.660	25.000	ug/L		103		70 - 130	
	MSD	1408395-09	ND	27.110	25.000	ug/L	5.5	108	20	70 - 130	
Chlorobenzene	MS	1408395-09	ND	32.010	25.000	ug/L		128		70 - 130	
	MSD	1408395-09	ND	32.390	25.000	ug/L	1.2	130	20	70 - 130	
Chloroethane	MS	1408395-09	ND	19.340	25.000	ug/L		77.4		70 - 130	
	MSD	1408395-09	ND	20.890	25.000	ug/L	7.7	83.6	20	70 - 130	
1,4-Dichlorobenzene	MS	1408395-09	ND	21.820	25.000	ug/L		87.3		70 - 130	
	MSD	1408395-09	ND	18.660	25.000	ug/L	15.6	74.6	20	70 - 130	
1,1-Dichloroethane	MS	1408395-09	ND	23.840	25.000	ug/L		95.4		70 - 130	
	MSD	1408395-09	ND	21.810	25.000	ug/L	8.9	87.2	20	70 - 130	
1,1-Dichloroethene	MS	1408395-09	ND	25.110	25.000	ug/L		100		70 - 130	
	MSD	1408395-09	ND	22.710	25.000	ug/L	10.0	90.8	20	70 - 130	
Toluene	MS	1408395-09	ND	23.790	25.000	ug/L		95.2		70 - 130	
	MSD	1408395-09	ND	24.480	25.000	ug/L	2.9	97.9	20	70 - 130	
Trichloroethene	MS	1408395-09	ND	25.730	25.000	ug/L		103		70 - 130	
	MSD	1408395-09	ND	27.100	25.000	ug/L	5.2	108	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1408395-09	ND	10.660	10.000	ug/L		107		75 - 125	
	MSD	1408395-09	ND	10.880	10.000	ug/L	2.0	109		75 - 125	
Toluene-d8 (Surrogate)	MS	1408395-09	ND	9.6000	10.000	ug/L		96.0		80 - 120	
	MSD	1408395-09	ND	9.4700	10.000	ug/L	1.4	94.7		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1408395-09	ND	9.9200	10.000	ug/L		99.2		80 - 120	
	MSD	1408395-09	ND	10.150	10.000	ug/L	2.3	102		80 - 120	

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Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXD1388						
Chloride	BXD1388-BLK1	ND	mg/L	0.50	0.067	
Nitrate as N	BXD1388-BLK1	ND	mg/L	0.10	0.025	
Sulfate	BXD1388-BLK1	ND	mg/L	1.0	0.18	
QC Batch ID: BXD1704						
Total Dissolved Solids @ 180 C	BXD1704-BLK1	ND	mg/L	6.7	6.7	

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Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXD1388										
Chloride	BXD1388-BS1	LCS	49.550	50.000	mg/L	99.1		90 - 110		
Nitrate as N	BXD1388-BS1	LCS	5.1170	5.0000	mg/L	102		90 - 110		
Sulfate	BXD1388-BS1	LCS	99.066	100.00	mg/L	99.1		90 - 110		
QC Batch ID: BXD1704										
Total Dissolved Solids @ 180 C	BXD1704-BS1	LCS	575.00	586.00	mg/L	98.1		90 - 110		

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Claremont, CA 91711

Reported: 05/01/2014 12:19
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BXD1388	Used client sample: Y - Description: VSL-4, 04/15/2014 15:15										
Chloride	DUP	1408578-02	110.04	110.00		mg/L	0.0		10		
	MS	1408578-02	110.04	161.69	50.505	mg/L		102		80 - 120	
	MSD	1408578-02	110.04	161.74	50.505	mg/L	0.0	102	10	80 - 120	
Nitrate as N	DUP	1408578-02	3.0750	3.0700		mg/L	0.2		10		
	MS	1408578-02	3.0750	8.2667	5.0505	mg/L		103		80 - 120	
	MSD	1408578-02	3.0750	8.3606	5.0505	mg/L	1.1	105	10	80 - 120	
Sulfate	DUP	1408578-02	91.286	91.138		mg/L	0.2		10		
	MS	1408578-02	91.286	198.87	101.01	mg/L		107		80 - 120	
	MSD	1408578-02	91.286	199.13	101.01	mg/L	0.1	107	10	80 - 120	
QC Batch ID: BXD1704	Used client sample: Y - Description: VSL-1, 04/15/2014 13:40										
Total Dissolved Solids @ 180 C	DUP	1408578-01	426.66	416.66		mg/L	2.4		10		

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 05/01/2014 12:19 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
V01	The Initial Calibration Verification (ICV) recovery is not within established control limits.

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Date of Report: 05/08/2014

Terri Satterfield

Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Client Project:	Victorville 2013-0089
BCL Project:	Colorado/Lahontan Region Samples
BCL Work Order:	1409422
Invoice ID:	B172827

Enclosed are the results of analyses for samples received by the laboratory on 4/29/2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Tina Green
Client Services Manager

Authorized Signature

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BC Laboratories, Inc.

Chain of Custody Form

Page 1 of 1

Report To:
Client: Geologic Associates
Attn: Teri Sattersfield
Street Address: 250 W. 1st St. #222
City, State, Zip: Claremont CA 91711
Phone: 909 626-2282 Fax: 909 626-1233
Email Address:
Work Order #: 14-09422

Project #: 2013.0089
Project Name: Victorville
Sampler(s): A. Shaw

Analysis Requested: 8260 Fluoride Chloride Nitrate-N Sulfate TDS

Refer to the back of this page for completion instructions and method legend.

Comments:

Sample #	Description	Date Sampled	Time Sampled	8260	Fluoride	Chloride	Nitrate-N	Sulfate	TDS	Sample Matrix (Soil / Sludge / Drinking Water / Ground Water / Waste Water / Other)	Turnaround # of work days*
-1	L-1A	4/28/14	1200	x	x	x				Leachate	
-2	QCAB		—	x						x	
-3	QCTB		—	x						x	

Are there any tests with holding times less than or equal to 48 hours? ☒ Yes ☐ No

* Standard Turnaround = 10 work days

Notes

SHORT HOLDING TIME
Cr^{+6} NO_2 NO_3 OP SS
DO Cl_2 BOD MBAS COT

CHK BY DISTRIBUTION SUB-OUT

Billing ☒ Same as above
Client:
Address:
City: State Zip
Attn:
PO#:

EDF Required? Geotracker ☒ Yes ☐ No
Send Copy to State of CA? (EDT) ☐ Yes ☒ No

Global ID (Needed for EDF)
System # (Needed for EDT)

	Date	Time		Date	Time
1. Relinquished By	4/28/14	1400	1. Received By	4/29/14	1245
2. Relinquished By	4/29/14	1910	2. Received By	4/29/14	1910
3. Relinquished By			3. Received By		

BC Laboratories, Inc. – 4100 Atlas Ct. – Bakersfield, CA 93308 – 661.327.4911 – Fax: 661.327.1918 – www.bclabs.com

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Chain of Custody and Cooler Receipt Form for 1409422 Page 2 of 2

BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 15 07/01/13 Page 1 Of 1

Submission #: 14-09422

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery
BC Lab Field Service ☒ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☒ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☐

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 0.95 Container: PE Thermometer ID: 207 Date/Time 4.29.14 1110
Temperature: (A) 1.1 °C / (C) 1.1 °C Analyst Init M

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL	B									
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK			A 2							
40ml VOA VIAL	A 3	A 1	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
Summa Canister										

Comments:
Sample Numbering Completed By: M Date/Time: 4.29.14 1112

[S:\MyDOCS\WordPerfect\LAB DOCS\FORMS\SAMREC15]

Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 05/08/2014 20:33 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1409422-01	**COC Number:**	---	**Receive Date:**	04/29/2014 19:10
	Project Number:	Victorville	**Sampling Date:**	04/28/2014 12:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	L-1A	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Water
1409422-02	**COC Number:**	---	**Receive Date:**	04/29/2014 19:10
	Project Number:	Victorville	**Sampling Date:**	04/28/2014 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QCAB	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Water
1409422-03	**COC Number:**	---	**Receive Date:**	04/29/2014 19:10
	Project Number:	Victorville	**Sampling Date:**	04/28/2014 00:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	QCTB	**Lab Matrix:**	Water
	Sampled By:	GASD	**Sample Type:**	Blank Water

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Geologic Associates
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Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-01 | **Client Sample Name:** Victorville, L-1A, 4/28/2014 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	**1.0**	**ug/L**	**0.50**	**0.062**	**EPA-8260B**	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND		1
1,1-Dichloroethane	**4.9**	**ug/L**	**0.50**	**0.11**	**EPA-8260B**	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	**0.83**	**ug/L**	**0.50**	**0.085**	**EPA-8260B**	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	**0.46**	**ug/L**	**0.50**	**0.13**	**EPA-8260B**	ND	**J**	1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-01 | **Client Sample Name:** Victorville, L-1A, 4/28/2014 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	**0.11**	**ug/L**	**0.50**	**0.098**	**EPA-8260B**	ND	**J**	1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	**0.55**	**ug/L**	**0.50**	**0.13**	**EPA-8260B**	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	**0.15**	**ug/L**	**0.50**	**0.085**	**EPA-8260B**	ND	**J**	1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-01 | **Client Sample Name:** Victorville, L-1A, 4/28/2014 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	92.9	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.5	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	05/01/14	05/03/14 00:38	AA1	MS-V13	1	BXE0162

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Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

BCL Sample ID: 1409422-01 | **Client Sample Name:** Victorville, L-1A, 4/28/2014 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Chloride	**180**	**mg/L**	**1.0**	**0.13**	**EPA-300.0**	0.52	**A01**	1
Nitrate as N	ND	mg/L	0.20	0.050	EPA-300.0	ND	A10	1
Sulfate	**2.1**	**mg/L**	**2.0**	**0.36**	**EPA-300.0**	0.66	**A10**	1
Total Dissolved Solids @ 180 C	**1200**	**mg/L**	**50**	**50**	**EPA-160.1**	ND		2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-300.0	04/29/14	04/29/14 23:38	OLH	IC5	2	BXE0007
2	EPA-160.1	05/05/14	05/05/14 11:30	NW1	MANUAL	5	BXE0303

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Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-02 | **Client Sample Name:** Victorville, QCAB, 4/28/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-02 | **Client Sample Name:** Victorville, QCAB, 4/28/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Isobutanol	ND	ug/L	20	7.7	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1

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Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-02 | **Client Sample Name:** Victorville, QCAB, 4/28/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	92.4	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.2	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	93.3	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	05/01/14	05/03/14 00:14	AA1	MS-V13	1	BXE0162

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Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-03 | **Client Sample Name:** Victorville, QCTB, 4/28/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	0.083	EPA-8260B	ND		1
Bromobenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Bromochloromethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
Bromodichloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Bromoform	ND	ug/L	0.50	0.27	EPA-8260B	ND		1
Bromomethane	ND	ug/L	1.0	0.25	EPA-8260B	ND		1
n-Butylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
sec-Butylbenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
tert-Butylbenzene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Carbon tetrachloride	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
Chlorobenzene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
Chloroethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
Chloroform	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Chloromethane	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
2-Chlorotoluene	ND	ug/L	0.50	0.20	EPA-8260B	ND		1
4-Chlorotoluene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
Dibromochloromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0	0.44	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Dibromomethane	ND	ug/L	0.50	0.24	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	ug/L	0.50	0.072	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	ug/L	0.50	0.062	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	ug/L	0.50	0.099	EPA-8260B	ND		1
1,1-Dichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
1,1-Dichloroethene	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	ug/L	0.50	0.15	EPA-8260B	ND		1
1,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,3-Dichloropropane	ND	ug/L	0.50	0.086	EPA-8260B	ND		1
2,2-Dichloropropane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,1-Dichloropropene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-03 | **Client Sample Name:** Victorville, QCTB, 4/28/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	ug/L	0.50	0.079	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	0.098	EPA-8260B	ND		1
Hexachlorobutadiene	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Isopropylbenzene	ND	ug/L	0.50	0.14	EPA-8260B	ND		1
p-Isopropyltoluene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Methylene chloride	ND	ug/L	1.0	0.48	EPA-8260B	ND		1
Naphthalene	ND	ug/L	0.50	0.36	EPA-8260B	ND		1
n-Propylbenzene	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
Styrene	ND	ug/L	0.50	0.068	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50	0.18	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50	0.17	EPA-8260B	ND		1
Tetrachloroethene	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	0.093	EPA-8260B	ND		1
1,2,3-Trichlorobenzene	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	ug/L	0.50	0.19	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	ug/L	0.50	0.11	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	ug/L	0.50	0.16	EPA-8260B	ND		1
Trichloroethene	ND	ug/L	0.50	0.085	EPA-8260B	ND		1
Trichlorofluoromethane	ND	ug/L	0.50	0.13	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	ug/L	1.0	0.24	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Vinyl chloride	ND	ug/L	0.50	0.12	EPA-8260B	ND		1
Acetone	ND	ug/L	10	4.6	EPA-8260B	ND		1
Acrylonitrile	ND	ug/L	5.0	1.2	EPA-8260B	ND		1
Carbon disulfide	ND	ug/L	1.0	0.38	EPA-8260B	ND		1
trans-1,4-Dichloro-2-butene	ND	ug/L	5.0	1.4	EPA-8260B	ND		1
2-Hexanone	ND	ug/L	10	3.4	EPA-8260B	ND		1
Methyl ethyl ketone	ND	ug/L	10	2.5	EPA-8260B	ND		1
Methyl iodide	ND	ug/L	2.0	0.47	EPA-8260B	ND		1
Methyl isobutyl ketone	ND	ug/L	10	2.1	EPA-8260B	ND		1
Vinyl acetate	ND	ug/L	10	1.8	EPA-8260B	ND		1

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1409422-03 | **Client Sample Name:** Victorville, QCTB, 4/28/2014 12:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
p- & m-Xylenes	ND	ug/L	0.50	0.28	EPA-8260B	ND		1
o-Xylene	ND	ug/L	0.50	0.082	EPA-8260B	ND		1
1,2-Dichloroethane-d4 (Surrogate)	91.8	%	75 - 125 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	96.1	%	80 - 120 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.7	%	80 - 120 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	05/01/14	05/02/14 23:50	AA1	MS-V13	1	BXE0162

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Geologic Associates
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Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXE0162						
Benzene	BXE0162-BLK1	ND	ug/L	0.50	0.083	
Bromobenzene	BXE0162-BLK1	ND	ug/L	0.50	0.13	
Bromochloromethane	BXE0162-BLK1	ND	ug/L	0.50	0.24	
Bromodichloromethane	BXE0162-BLK1	ND	ug/L	0.50	0.14	
Bromoform	BXE0162-BLK1	ND	ug/L	0.50	0.27	
Bromomethane	BXE0162-BLK1	ND	ug/L	1.0	0.25	
n-Butylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.11	
sec-Butylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.15	
tert-Butylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.13	
Carbon tetrachloride	BXE0162-BLK1	ND	ug/L	0.50	0.18	
Chlorobenzene	BXE0162-BLK1	ND	ug/L	0.50	0.093	
Chloroethane	BXE0162-BLK1	ND	ug/L	0.50	0.14	
Chloroform	BXE0162-BLK1	ND	ug/L	0.50	0.12	
Chloromethane	BXE0162-BLK1	ND	ug/L	0.50	0.14	
2-Chlorotoluene	BXE0162-BLK1	ND	ug/L	0.50	0.20	
4-Chlorotoluene	BXE0162-BLK1	ND	ug/L	0.50	0.15	
Dibromochloromethane	BXE0162-BLK1	ND	ug/L	0.50	0.13	
1,2-Dibromo-3-chloropropane	BXE0162-BLK1	ND	ug/L	1.0	0.44	
1,2-Dibromoethane	BXE0162-BLK1	ND	ug/L	0.50	0.16	
Dibromomethane	BXE0162-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichlorobenzene	BXE0162-BLK1	ND	ug/L	0.50	0.072	
1,3-Dichlorobenzene	BXE0162-BLK1	ND	ug/L	0.50	0.15	
1,4-Dichlorobenzene	BXE0162-BLK1	ND	ug/L	0.50	0.062	
Dichlorodifluoromethane	BXE0162-BLK1	ND	ug/L	0.50	0.099	
1,1-Dichloroethane	BXE0162-BLK1	ND	ug/L	0.50	0.11	
1,2-Dichloroethane	BXE0162-BLK1	ND	ug/L	0.50	0.17	
1,1-Dichloroethene	BXE0162-BLK1	ND	ug/L	0.50	0.18	
cis-1,2-Dichloroethene	BXE0162-BLK1	ND	ug/L	0.50	0.085	
trans-1,2-Dichloroethene	BXE0162-BLK1	ND	ug/L	0.50	0.15	
1,2-Dichloropropane	BXE0162-BLK1	ND	ug/L	0.50	0.13	
1,3-Dichloropropane	BXE0162-BLK1	ND	ug/L	0.50	0.086	
2,2-Dichloropropane	BXE0162-BLK1	ND	ug/L	0.50	0.13	
1,1-Dichloropropene	BXE0162-BLK1	ND	ug/L	0.50	0.085	
cis-1,3-Dichloropropene	BXE0162-BLK1	ND	ug/L	0.50	0.14	

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXE0162						
trans-1,3-Dichloropropene	BXE0162-BLK1	ND	ug/L	0.50	0.079	
Ethylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.098	
Hexachlorobutadiene	BXE0162-BLK1	ND	ug/L	0.50	0.17	
Isopropylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.14	
p-Isopropyltoluene	BXE0162-BLK1	ND	ug/L	0.50	0.12	
Methylene chloride	BXE0162-BLK1	ND	ug/L	1.0	0.48	
Naphthalene	BXE0162-BLK1	ND	ug/L	0.50	0.36	
n-Propylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.11	
Styrene	BXE0162-BLK1	ND	ug/L	0.50	0.068	
1,1,1,2-Tetrachloroethane	BXE0162-BLK1	ND	ug/L	0.50	0.18	
1,1,2,2-Tetrachloroethane	BXE0162-BLK1	ND	ug/L	0.50	0.17	
Tetrachloroethene	BXE0162-BLK1	ND	ug/L	0.50	0.13	
Toluene	BXE0162-BLK1	ND	ug/L	0.50	0.093	
1,2,3-Trichlorobenzene	BXE0162-BLK1	ND	ug/L	0.50	0.16	
1,2,4-Trichlorobenzene	BXE0162-BLK1	ND	ug/L	0.50	0.19	
1,1,1-Trichloroethane	BXE0162-BLK1	ND	ug/L	0.50	0.11	
1,1,2-Trichloroethane	BXE0162-BLK1	ND	ug/L	0.50	0.16	
Trichloroethene	BXE0162-BLK1	ND	ug/L	0.50	0.085	
Trichlorofluoromethane	BXE0162-BLK1	ND	ug/L	0.50	0.13	
1,2,3-Trichloropropane	BXE0162-BLK1	ND	ug/L	1.0	0.24	
1,2,4-Trimethylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.12	
1,3,5-Trimethylbenzene	BXE0162-BLK1	ND	ug/L	0.50	0.12	
Vinyl chloride	BXE0162-BLK1	ND	ug/L	0.50	0.12	
Acetone	BXE0162-BLK1	ND	ug/L	10	4.6	
Acrylonitrile	BXE0162-BLK1	ND	ug/L	5.0	1.2	
Carbon disulfide	BXE0162-BLK1	ND	ug/L	1.0	0.38	
trans-1,4-Dichloro-2-butene	BXE0162-BLK1	ND	ug/L	5.0	1.4	
2-Hexanone	BXE0162-BLK1	ND	ug/L	10	3.4	
Isobutanol	BXE0162-BLK1	ND	ug/L	20	7.7	
Methyl ethyl ketone	BXE0162-BLK1	ND	ug/L	10	2.5	
Methyl iodide	BXE0162-BLK1	ND	ug/L	2.0	0.47	
Methyl isobutyl ketone	BXE0162-BLK1	ND	ug/L	10	2.1	
Vinyl acetate	BXE0162-BLK1	ND	ug/L	10	1.8	
p- & m-Xylenes	BXE0162-BLK1	ND	ug/L	0.50	0.28	

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Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXE0162						
o-Xylene	BXE0162-BLK1	ND	ug/L	0.50	0.082	
1,2-Dichloroethane-d4 (Surrogate)	**BXE0162-BLK1**	**86.3**	%	**75 - 125 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**BXE0162-BLK1**	**99.3**	%	**80 - 120 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**BXE0162-BLK1**	**91.5**	%	**80 - 120 (LCL - UCL)**		

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Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXE0162										
Benzene	BXE0162-BS1	LCS	20.880	25.000	ug/L	83.5		70 - 130		
Bromodichloromethane	BXE0162-BS1	LCS	21.890	25.000	ug/L	87.6		70 - 130		
Chlorobenzene	BXE0162-BS1	LCS	21.550	25.000	ug/L	86.2		70 - 130		
Chloroethane	BXE0162-BS1	LCS	21.970	25.000	ug/L	87.9		70 - 130		
1,4-Dichlorobenzene	BXE0162-BS1	LCS	22.330	25.000	ug/L	89.3		70 - 130		
1,1-Dichloroethane	BXE0162-BS1	LCS	20.670	25.000	ug/L	82.7		70 - 130		
1,1-Dichloroethene	BXE0162-BS1	LCS	21.060	25.000	ug/L	84.2		70 - 130		
Toluene	BXE0162-BS1	LCS	21.600	25.000	ug/L	86.4		70 - 130		
Trichloroethene	BXE0162-BS1	LCS	24.430	25.000	ug/L	97.7		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BXE0162-BS1	LCS	9.0800	10.000	ug/L	90.8		75 - 125		
Toluene-d8 (Surrogate)	BXE0162-BS1	LCS	10.030	10.000	ug/L	100		80 - 120		
4-Bromofluorobenzene (Surrogate)	BXE0162-BS1	LCS	10.000	10.000	ug/L	100		80 - 120		

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Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BXE0162	Used client sample: N										
Benzene	MS	1407468-50	ND	24.820	25.000	ug/L		99.3		70 - 130	
	MSD	1407468-50	ND	21.870	25.000	ug/L	12.6	87.5	20	70 - 130	
Bromodichloromethane	MS	1407468-50	ND	26.230	25.000	ug/L		105		70 - 130	
	MSD	1407468-50	ND	23.140	25.000	ug/L	12.5	92.6	20	70 - 130	
Chlorobenzene	MS	1407468-50	ND	25.400	25.000	ug/L		102		70 - 130	
	MSD	1407468-50	ND	22.540	25.000	ug/L	11.9	90.2	20	70 - 130	
Chloroethane	MS	1407468-50	ND	26.040	25.000	ug/L		104		70 - 130	
	MSD	1407468-50	ND	22.930	25.000	ug/L	12.7	91.7	20	70 - 130	
1,4-Dichlorobenzene	MS	1407468-50	ND	25.770	25.000	ug/L		103		70 - 130	
	MSD	1407468-50	ND	23.220	25.000	ug/L	10.4	92.9	20	70 - 130	
1,1-Dichloroethane	MS	1407468-50	ND	25.020	25.000	ug/L		100		70 - 130	
	MSD	1407468-50	ND	21.760	25.000	ug/L	13.9	87.0	20	70 - 130	
1,1-Dichloroethene	MS	1407468-50	ND	24.730	25.000	ug/L		98.9		70 - 130	
	MSD	1407468-50	ND	22.330	25.000	ug/L	10.2	89.3	20	70 - 130	
Toluene	MS	1407468-50	ND	25.720	25.000	ug/L		103		70 - 130	
	MSD	1407468-50	ND	23.060	25.000	ug/L	10.9	92.2	20	70 - 130	
Trichloroethene	MS	1407468-50	ND	28.880	25.000	ug/L		116		70 - 130	
	MSD	1407468-50	ND	26.780	25.000	ug/L	7.5	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1407468-50	ND	9.5500	10.000	ug/L		95.5		75 - 125	
	MSD	1407468-50	ND	8.8800	10.000	ug/L	7.3	88.8		75 - 125	
Toluene-d8 (Surrogate)	MS	1407468-50	ND	10.090	10.000	ug/L		101		80 - 120	
	MSD	1407468-50	ND	10.150	10.000	ug/L	0.6	102		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1407468-50	ND	10.150	10.000	ug/L		102		80 - 120	
	MSD	1407468-50	ND	9.6700	10.000	ug/L	4.8	96.7		80 - 120	

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Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BXE0007						
Chloride	**BXE0007-BLK1**	**0.26200**	**mg/L**	**0.50**	**0.067**	**J**
Nitrate as N	BXE0007-BLK1	ND	mg/L	0.10	0.025	
Sulfate	**BXE0007-BLK1**	**0.32900**	**mg/L**	**1.0**	**0.18**	**J**
QC Batch ID: BXE0303						
Total Dissolved Solids @ 180 C	BXE0303-BLK1	ND	mg/L	6.7	6.7	

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BXE0007										
Chloride	BXE0007-BS1	LCS	52.569	50.000	mg/L	105		90 - 110		
Nitrate as N	BXE0007-BS1	LCS	5.3180	5.0000	mg/L	106		90 - 110		
Sulfate	BXE0007-BS1	LCS	105.33	100.00	mg/L	105		90 - 110		
QC Batch ID: BXE0303										
Total Dissolved Solids @ 180 C	BXE0303-BS1	LCS	570.00	586.00	mg/L	97.3		90 - 110		

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Geologic Associates
250 W. First St. Suite 228
Claremont, CA 91711

Reported: 05/08/2014 20:33
Project: Colorado/Lahontan Region Samples
Project Number: Victorville 2013-0089
Project Manager: Terri Satterfield

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BXE0007	Used client sample: N										
Chloride	DUP	1409365-03	7.0760	7.1740		mg/L	1.4		10		
	MS	1409365-03	7.0760	62.574	50.505	mg/L		110		80 - 120	
	MSD	1409365-03	7.0760	62.727	50.505	mg/L	0.2	110	10	80 - 120	
Nitrate as N	DUP	1409365-03	1.5750	1.5550		mg/L	1.3		10		
	MS	1409365-03	1.5750	7.1616	5.0505	mg/L		111		80 - 120	
	MSD	1409365-03	1.5750	7.1687	5.0505	mg/L	0.1	111	10	80 - 120	
Sulfate	DUP	1409365-03	7.1320	7.1540		mg/L	0.3		10		
	MS	1409365-03	7.1320	118.76	101.01	mg/L		111		80 - 120	
	MSD	1409365-03	7.1320	118.62	101.01	mg/L	0.1	110	10	80 - 120	
QC Batch ID: BXE0303	Used client sample: Y - Description: L-1A, 04/28/2014 12:00										
Total Dissolved Solids @ 180 C	DUP	1409422-01	1190.0	1200.0		mg/L	0.8		10		

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Geologic Associates 250 W. First St. Suite 228 Claremont, CA 91711	**Reported:** 05/08/2014 20:33 Project: Colorado/Lahontan Region Samples Project Number: Victorville 2013-0089 Project Manager: Terri Satterfield

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A10	PQL's and MDL's were raised due to matrix interference.

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APPENDIX G

PROJECT PERSONNEL QUALIFICATIONS

HILLMANN
CONSULTING

David H. Rutherford

Director of Due Diligence Services

EDUCATION:

B.S. Environmental Sciences, Cook College, New Brunswick, NJ

CERTIFICATION:

40-hr HAZWOPER 29 CFR 1910.120

Certified Hazardous Materials Manager 1992-2003

Construction Procedures, Materials and Costs – a ten-week course at Rutgers Center for Continuing Professional Development

YEARS OF EXPERIENCE:

With Hillmann: 24 years

Total: 25 years

PROFESSIONAL EXPERIENCE:

Mr. Rutherford is the Corporate Director for Environmental Due Diligence services; and the Corporate Director of Quality Assurance. He has over 25 years of experience in the environmental consulting industry including over 23 years managing and performing environmental property assessments including USEPA and NJDEP Preliminary Assessments.

Mr. Rutherford has managed large national accounts for real estate due diligence services including a desktop review service that handled nearly five hundred properties per year. He has also performed and/or managed Phase II Site Assessments, Underground Storage Tank investigations/closures, Property Condition Assessments, Construction Monitoring inspections, Asbestos Surveys, Asbestos Abatement Project Monitoring services, Indoor Air Quality surveys, NPDES Discharge Monitoring, Community Right-to-Know surveys, and Environmental Risk Analysis for compliance with the Sarbanes-Oxley act.

Representative projects include:

Citigroup – Complete Environmental Program, Various locations nationwide: Since 1995, Hillmann has been providing complete environmental program including Phase I environmental site assessments, asbestos and lead surveys, air monitoring, bid administration and O&M programs, industrial hygiene and indoor air quality programs, geology services, radon testing and hazardous materials assessments. Mr. Rutherford is an Account Manager on this contract. Estimated cost to date: $8,250,000. This project is ongoing.

General Services Administration – Region II, NY/NJ: Hillmann, as part of a Joint Venture was awarded contract #GS-02P-09-PF-D-0007 to perform asbestos and lead surveys on GSA properties in the New York/New Jersey metropolitan area of Region II. Our services include sample collection and testing, evaluation of operational constraints, scheduling, cost estimation and preparation of reports. Mr. Rutherford is the Quality Assurance Director for the project. Estimated cost to date: $15,000. This contract is ongoing.

Tishman Speyer Properties, Various locations nationwide: Hillmann has provided the complete environmental program for Tishman Speyer's properties since 1987. Our services include Phase I environmental site assessments, asbestos surveys, air monitoring, bid administration, O&M programs, industrial hygiene, and indoor air quality programs. Mr. Rutherford is a Project Manager on this contract. Estimated annual contract value: $1,000,000. This contract is ongoing.

TD Bank Phase I ESAs, Various locations: Hillmann has performed Phase I Environmental Site Assessments (ESAs) at several properties on behalf of TD Bank, N.A. These assessments have been conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-05 for Phase I Environmental Site Assessments, and the TD Bank, N.A. Scope of Services for Phase I Environmental Site Assessment. Mr. Rutherford is the Environmental Assessor for the contract, which is ongoing. Estimated costs to date: $280,681.

Cabrini Medical Center, New York, NY: Completed 2009. Mr. Rutherford was Project Manager for a Phase I Environmental Site Assessment (ESA) of this 400,000-square foot medical center. Cost: $3,450

Confidential Client, various locations nationwide: Completed 2008. Mr. Rutherford performed as Project Manager for Risk Assessment in 2007/2008 to project a cost estimate for potential environmental liabilities associated with over 3700 former drug store facilities for the purpose of compliance with the Sarbanes-Oxley act. Cost:

HILLMANN CONSULTING

$13,758

HSBC Bank, Various locations nationwide/NYC Metro: Hillmann is providing the complete environmental program including Phase I environmental site assessments, asbestos surveys, air monitoring, bid administration, O&M programs, industrial hygiene and indoor air quality programs. Mr. Rutherford is a Project Manager on this contract, which is ongoing. Cost: $100,000.

Monday Properties, 575 Lexington, New York, NY: Hillmann is providing asbestos project design, investigation, phase 1 site investigation and project management services, including bulk sampling and analysis, for several commercial properties. Mr. Rutherford is a Project Manager on this contract, which is ongoing. Cost: $765,100.

Wachovia Bank ESAs, Various locations: Hillmann has performed Phase I Environmental Site Assessments (ESAs) at numerous properties on behalf of Wachovia Bank. These assessments have been conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-05 for Phase I Environmental Site Assessments, and the Wachovia Bank Scope of Services for Phase I Environmental Site Assessment. Mr. Rutherford functions as an Environmental Assessor for the contract. Estimated costs to date: $443,710.

MDB Community Housing Corp, Phase I ESAs Portfolio Project: Mr. Rutherford was the Project Manager and Site Assessor for this portfolio of Phase I Environmental Site Assessment projects conducted on these multi-family residential buildings. Hillmann staff also performed brief evaluations for ASTM "Non-Scope" items, such as asbestos-containing materials, lead-based paint, radon and mold. This project was completed in 2009. Costs: $7,200.

Kevon Office Centers, Pennsauken, NJ: Hillmann performed a Phase I Environmental Site Assessment (ESA) of this property for Kevon Office Center, L.P. The assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-05. Mr. Rutherford performed as the Project Manager and Site Assessor for this contract, which was completed in 2010. Cost: $4,200

Transaction Screen Environmental Site Assessments, Various locations, New York, NY: KDX Ventures tasked Hillmann with providing transaction screen environmental site assessments at nine different locations throughout New York City. Mr. Rutherford performed as the Project Manager and Site Assessor for this contract, which was completed in 2009. Cost: $8,700.