



CSS ENVIRONMENTAL SERVICES, INC.
Managing Cost, Scope and Schedule
100 Galli Drive, Suite 1
Novato, CA 94949
Telephone: (415) 883-6203
Fax: (415) 883-6204

January 1, 2014

Mr. Vic Pal
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

**Subject: 2014 Annual Report – RWQCB Order No. 00-046
Former Oyster Point Landfill/Current Oyster Point Marina and Park
South San Francisco, CA**

Dear Mr. Pal:

On behalf of the City of South San Francisco, CSS Environmental Services, Inc. (CSS) is pleased to submit the enclosed 2014 Annual Report for the former Oyster Point Landfill and current Oyster Point Marina and Park. Please call me if you have any questions at (415) 883-6203.

Sincerely,
CSS Environmental Services, Inc.

Aaron N. Stessman, PE
Principal Engineer

cc: Mr. Robert T. Hahn, City of South San Francisco
Mr. Frank Davies, Jr, California Integrated Waste Management Board
Mr. Greg Schirle, San Mateo County Health Services Agency
Mr. Scott Grindy, San Mateo County Harbor District

2013 ANNUAL REPORT
FORMER OYSTER POINT LANDFILL
CITY OF SOUTH SAN FRANCISCO
SOUTH SAN FRANCISCO, CALIFORNIA

Prepared For:

City of South San Francisco
Department of Public Works
550 North Canal Street
South San Francisco, CA 94080

Prepared By:



CSS ENVIRONMENTAL SERVICES, INC.

100 Galli Drive, Suite 1
Novato, California 94949
(415) 883-6203
CSS Project No. 6551

January 31, 2014

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1.0 INTRODUCTION

The Oyster Point Landfill is a closed, unlined Class III landfill located along the San Francisco Bay in the City of South San Francisco (City) (Figure 1). The City owns the landfill. The majority of the landfill is open space, but a portion of the landfill has been developed and includes a public marina, boat launch, a ferry terminal, a small yacht club, a boat sales building, and a small office and hotel complex (Figure 2). The San Mateo Harbor District (Harbor District) operates the public marina on the landfill and is responsible for general maintenance of the marina and public spaces.

The landfill is regulated by the Regional Water Quality Control Board (RWQCB) under Order No. 00-046 issued on June 21, 2000 (Order). The Order imposes closure and post-closure requirements on the City as part of future development. This 2013 Annual Monitoring Report was prepared in compliance with Provisions 3 and 4 of the Order.

The primary purpose of this report is to document compliance with the requirements of the Order. It presents the results of water quality monitoring and site inspections completed in 2013 and provides field and laboratory data for the period July through December 2013. Leachate and groundwater monitoring was conducted per the November 2000 Water Quality Monitoring Plan (WQMP) as amended in August 2001 (Addendum 1) and as amended by the July 2004 Maximum Allowable Concentrations Limits (MACLs) report. The WQMP and MACLs reports describe the water quality monitoring program for the landfill. Additional inspection and sampling requirements are also included in the following documents:

- September 2000 Storm Water Pollution Prevention Plan (SWPPP) and Storm Water Monitoring Plan (S WMP) as amended in August 2001 (Addendum 1)
- September 2000 Final Closure and Post-Closure Maintenance Plan (FCPMP)
- Emergency Response Contingency Plan (ERCP)

This report is organized as follows:

- Section 2 describes landfill monitoring, inspection, maintenance, and development activities since the last reporting period.
- Section 3 summarizes the water quality monitoring programs in place at the site.
- Section 4 presents the results of water quality and landfill gas monitoring to date.
- Section 5 summarizes the results of site inspections and describes proposed maintenance activities.
- Section 6 provides a list of references.
- Appendix A includes laboratory analytical data sheets for the period July through December 2013.
- Appendix B presents historical analytical data, including parameters no longer included in the monitoring program.

2.0 LANDFILL ACTIVITIES SINCE LAST REPORTING PERIOD

The 2013 Semi-Annual Report (CSS Environmental Services Inc, July 31 2013) summarized activities completed between January and June 2013. This report updates the semi-annual report to include activities completed at the landfill from July through December 2013.

2.1 Leachate and Groundwater Quality Monitoring

There are 18 monitoring wells included in the post-closure monitoring program. The monitoring program is described in detail in Section 3. The program includes both groundwater and elevation monitoring and water quality sampling.

Groundwater and leachate elevations are monitored quarterly. Elevations were measured on March 8, June 26, September 12 and December 30, 2013. The analytical program is as specified in the November 2000 WQMP as amended in August 2001, and amended by the MACL's report. This program varies from the prescriptive list of analytics included in the Order.

Groundwater and leachate samples were collected from select wells on June 27-28, 2013 and January 3-7, 2014. The samples were analyzed by TestAmerica, in Pleasanton, California. Laboratory analytical data sheets for the November event are included in Appendix A.

2.2 Landfill Gas Perimeter Monitoring

There are a total of 10 landfill gas monitoring wells installed along Oyster Point Boulevard and Gull Drive (LFG-1 through 10) and three remedial venting systems (PVT-1, PVT-2, and PVW-1), as shown on Figure 3. Quarterly landfill gas monitoring was performed at the monitoring wells on February 1, June 4, September 9 and November 25, 2013. Historical landfill gas monitoring results are presented in Tables 5 and 6.

In 2007 passive venting trench PVT-1 was installed near LFG-9, and passive venting trench PVT-2 and venting well PVW-1 were installed near LFG-3 to remediate elevated methane concentrations in their vicinity. Between September 2007 and October 2008 intensive monitoring was performed on LFG-3 to evaluate the performance of the venting system and methane concentrations declined to less than 5% for the last 6 months of monthly monitoring, leading the City to revert to quarterly sampling of LFG-3 as described in correspondence to the SMCHSA, the CIWMB and the RWQCB from the City of South San Francisco on September 30, 2008. During 2010 landfill gas concentrations in excess of 5% were found twice: during the first quarter a concentration of 7.7% was found in LFG-9 near passive venting trench PVT-1, and during the second quarter a concentration of 6.0% was found in LFG-3. Methane concentrations subsequently declined to below the regulatory limit of 5% methane in all perimeter monitoring wells. During the second quarter of 2011, methane again was found at an elevated concentration of 5.5% in LFG-9. Of the remaining perimeter wells that could be sampled all were below 5% methane. During the third quarter of 2011, the City installed passive wind turbines at the exhaust of both of the PVT-1 and PVT-2 venting trenches to encourage landfill gas venting. Methane concentrations again declined to below the regulatory limit of 5% methane in all perimeter

monitoring wells during the third and fourth quarters of 2011, all of 2012, as well as the first, third and fourth quarters of 2013. During the second quarter of 2013 the methane concentration at LFG-3 was again above 5% as stated in the 2013 Semi-Annual Report.

At the request of the SMCHSA, an off-site groundwater monitoring well, MW-5, was added to the landfill gas monitoring program during the fourth quarter of 2011 and consistently has above 5% methane. A maximum reading of 20.8% methane was found in MW-5 during the second quarter of 2013. This well, shown on Figure 3 as Alexandria Well MW-5, belongs to an undeveloped property (560 Eccles Ave) owned by Alexandria Real Estate adjoining the former Oyster Point Landfill. The well is located within the City of South San Francisco's Gull Drive easement, about 5-feet west of the curb of Gull Drive. It was installed along with four other groundwater monitoring wells by Environ for Alexandria in 2008 to monitor conditions at a former burn dump (not the former Oyster Point Landfill) and therefore the City considers that any landfill gases therein are likely to be associated with that former land use.

2.3 Site Inspections and Storm Water Sampling Completed

Landfill inspections, per the Storm Water Pollution Prevention Plan, are conducted throughout the year, as required beginning in January 2007. The results from the first half of 2013 are included in the Storm Water 2012-2013 Annual Report submitted in June 2013 to the RWQCB (copy was included in the July 2013 Semi-Annual Report.) These data are not repeated here. The results from the second half of 2013 will be included in the Storm Water 2013-2014 Annual Report scheduled to be submitted in June 2014 and a copy will be included in the 2014 Semi-Annual Report.

2.4 Landfill Maintenance

The Harbor District and/or the City implemented the following maintenance projects in 2013:

- Maintained vegetation to control potential erosion in a previously un-vegetated area: several hundred square feet alongside the paved walking path of the southeastern shoreline.

2.5 Reports/Documents Submitted

The following reports were submitted in 2013:

- 2012 Annual Report, Oyster Point Landfill, dated January 2013
- 2012-2013 Annual Storm Water Report, dated June 2013
- 2013 Semi-Annual Report, Former Oyster Point Landfill, dated July 2013
- Quarterly Landfill Gas Monitoring Reports, dated June 26, August 31 and December 19, 2013 and January 31, 2014.

2.6 Landfill Development

As originally described in the 2005 Annual Report, the Oyster Point Landfill was identified by the WETA as a primary site for establishment of a public ferry terminal. The WETA completed its construction during the first quarter of 2012 and the new ferry terminal is in operation. Construction activities by the WETA included waterside dredging of the East Basin Marina Area to accommodate

the ferry boat service and demolition of two of the existing piers; and waterside construction of a new ferry terminal and dock. Landside improvements to the East Basin Parking Area include a bus stop and turnaround.

The City has included the Former Oyster Point Landfill in its redevelopment zone and hopes to redevelop the site. Under the first phase of redevelopment the City plans call for a maximum of 600,000 square feet of office/R&D space, envisioned as a biotech campus, and possibly a retail/restaurant building, in the area currently occupied by the existing commercial development at the eastern side of the Site. Phase I will include the reconfiguration of Marina Boulevard and a portion of Oyster Point Boulevard and a shuttle turn-around will be constructed adjacent to the Ferry Terminal. Parcels to the east of the new development will be graded and improved as sports fields. Further east a future hotel and retail complex is considered. The existing Yacht Club structure and the Harbor District maintenance building would remain. The project would include excavation of landfill materials at the former Oyster Point Landfill and relocation of these materials on- and/or off-site. The landfill cap will be upgraded to meet the current requirements of Title 27 of the California Code of Regulations with the approval of the RWQCB and San Mateo County Environmental Health Division. Future phases of development appear to be outside of the landfill area.

The project description included below was approved by the City in March of 2011:

“Oyster Point Redevelopment Project, including a General Plan Amendment, Redevelopment Plan Amendment, Zoning Text Amendment (Specific Plan), Rezone (Zoning Map Amendment), Precise Plan, Design Review, Sign Program, Development Agreement, Disposition and Development Agreement, and Environmental Impact Report to allow the demolition of various existing improvements and the construction of a new office and research and development campus at a 1.25 FAR, road alignment, utilities, park, open space, marina improvements (i.e. parking areas), Bay Trail improvements and public restrooms on approximately 82 acres of property located at the eastern end of Oyster Point Boulevard and adjacent to the Oyster Point Marina, in accordance with SSFMC Title 19, and Chapters 20.040, 20.110, 20.230, 20.300, 20.310, 20.360, 20.400, 20.450, 20.460, 20.480, 20.530, 20.540, and 20.550.”

The City does not anticipate any construction in the next year, although the developers do have entitlements for the Phase I project.

2.7 Activities Planned During Next Reporting Period

Planned activities next reporting period include continued SWPPP monitoring, and the collection of quarterly water levels, quarterly landfill gas perimeter monitoring data and semi-annual water samples.

The Harbor District and/or the City will continue to maintain vegetation to control potential erosion in a previously un-vegetated area: several hundred square feet alongside the paved walking path of the southeastern shoreline.

3.0 OVERVIEW OF WATER QUALITY MONITORING PROGRAMS

3.1 Detection Monitoring Program

The purpose of the detection monitoring program is to detect "measurably significant" leachate migration from the waste-bearing unit into surrounding media, including underlying soil and groundwater and nearby surface water. Components of the detection monitoring program include:

- Detection monitoring network
- Points of compliance
- Contaminants of concern and monitoring parameters
- Procedures for data evaluation

The detection monitoring network consists of monitoring points, which include monitoring wells and surface water sampling locations. Points of compliance are monitoring locations where leachate migration from the unit would likely be discovered, and to which numerical concentration limits (MACLs) are applied. There are a total of 18 monitoring wells currently installed at the landfill, as shown on Figure 4. Table 1 summarizes the construction details of the wells and identifies the lithologic units the wells monitor.

The MACLs Report dated June 2004 evaluated the water quality data collected since monitoring began in 2000 and recommended modifications to the detection monitoring program. Those modifications include a revised set of monitoring parameters and monitoring frequency. The revised detection monitoring program is summarized in Table 2. The MACLs report was submitted to the RWQCB in July 2004. The program was implemented beginning the last quarter of 2004 following notification of the RWQCB.

The program includes: quarterly water elevation monitoring for all wells installed at the landfill; annual sampling of water quality in 5 leachate wells (GW-1a, GW-3a, GW-10a, GW-12a, and GW-13a); and semi-annual water quality monitoring of perimeter monitoring wells (GW-2b, GW-4a, GW-5a, GW-6a, GW-7a, GW-11a, GW-14a, GW-15a, and GW-16a). Water elevation data for all wells installed at the site are included in Table 3. Water quality data are summarized in Table 4. Historical data, including analytical parameters no longer included in the monitoring program, are included in Appendix B.

3.2 Storm Water Monitoring Program

The SWPPP establishes a monitoring program to eliminate unauthorized non-storm water discharges and reduce runoff carrying pollutants to the bay. The SWMP has included chemical analysis of storm water samples for parameters established in the general permit for industrial discharges, in addition to select metals associated with maritime uses, and volatile organic (VOC) and semi-volatile organic (SVOC) compounds. The 2003-2004 Annual Storm Water Report recommended modifications to the SWMP to eliminate VOCs and SVOCs from the analytical suite since these compounds had not been detected in storm water from the previous

two sampling events. The revised SWMP was implemented during the 2004-2005 monitoring year, and continues to be used.

3.3 Post-Closure Maintenance and Emergency Response Monitoring Program

The FCPMP stipulates semi-annual inspection of the landfill cover and inspection following a seismic or large storm event. Routine inspections of the landfill cover for evidence of erosion are completed as part of SWPPP compliance. Emergency inspections are completed on an as-needed basis.

Post-closure inspections are conducted to assess the following:

- Differential settlement
- Erosion of the landfill cover
- Presence of burrowing animals
- Drainage ditches and underground storm drains
- Vegetative health
- Structural integrity

The results of post-closure and emergency inspections are reported as required by the Order and as part of the annual Storm Water Reports.

4.0 WATER QUALITY AND LANDFILL GAS PERIMETER MONITORING RESULTS

4.1 Detection Monitoring Program

Leachate and groundwater elevations have been collected since 1999. Water quality data are summarized in Table 4. Historical data, including analytical parameters no longer included in the monitoring program, are included in Appendix B. Measured elevations are summarized in Table 3. December 30, 2013 water level elevations are contoured on Figure 5. Hydrographs for each well are presented in Figures 6a to 6r. Based on regression analysis, the 2004 MACLs report documented a small, yet consistent long-term water level rise in most wells. That trend appears to be continuing.

The landfill monitoring wells were originally installed in 1999. In February 2003 the reference point elevation of each well was re-surveyed to document the magnitude of on-going subsidence of the landfill. The amount of settlement varied across the site from 0.0 to 0.53 feet from 1999 to 2003. The reference point elevations of each of the monitoring wells were again re-surveyed on July 2 and 3, 2007. Settlement from 2003 to 2007 varied from 0.0 to 0.67 feet. These were re-surveyed again on June 6 and June 12, 2013 and settlement from 2007 to 2013 varied from 0.00 to 0.94 feet. The hydrographs presented in Figures 6a to 6r show the calculated water level elevations using the 1999, 2007 and 2013 survey data, with monitoring well reference point elevations interpolated between survey events.

The long-term groundwater and leachate levels were re-evaluated and compared to the rates documented in the MACLs report. The data in Table 3 and hydrographs presented in Figures 6a through 6r indicate that long-term water level trends are generally stable or rising slightly in most wells. The rate of water level rise generally varies between less than 0.00001 and 0.0002 feet per year on average. The exceptions are wells GW-2b, GW-5a and GW-13a which have a slight declining trend in groundwater elevation. The greatest rate of water level rise, approximately 0.0005 feet per year on average, is observed in well GW-8c, the westernmost well monitoring the upgradient bedrock zone.

Leachate and groundwater were sampled on June 27-28, 2013 and January 3-7, 2014. TestAmerica completed the chemical analyses. The laboratory analytical results are summarized in Table 4. Laboratory analytical data sheets and chain-of-custody records for the January sampling event are included in Appendix A. The results are similar to that detected in previous sampling events. Points of compliance include Wells: GW-2b, GW-4a, GW-5a, GW-6a, GW-7a, GW-11a, GW-14a, GW-15a and GW-16a. All results in these wells are below MACL criteria outlined below.

Parameters	MACL	Source
Benzene	71 ug/l	USEPA California Toxics Rule Criteria (May 2000), Order 99-045
Ethyl benzene	86 ug/l	Order 99-045
Chlorobenzene	129 ug/l	USEPA Recommended Ambient Water Quality Criteria
Napthalene	470 ug/l	Order 99-045
Total Xylenes	2,200 ug/l	Order 99-045

Review of the laboratory reports indicates that all groundwater and leachate samples were analyzed within respective hold times and that laboratory quality assurance/quality control analyses (surrogate recoveries, matrix spike recoveries and spike duplicates) were within acceptable ranges. Quality assurance trip and equipment blank samples were analyzed and target analytes were not detected.

4.2 Storm Water Monitoring Program

Storm water samples were not collected during the first half of 2013 due to drought conditions as was summarized in the 2012-2013 Annual Storm Water Report, dated July 2013. Storm water inspection and sample results for the 2013-2014 rainy season will be summarized in the 2013-2014 Annual Storm Water Report, due in June 2014. A copy of that report will be included in the 2014 Semi-Annual Report due in July 2014.

4.3 Landfill Gas Perimeter Monitoring Program

The locations of landfill gas monitoring points are shown on Figure 3, and results of quarterly monitoring conducted to date are included in Table 5.

As reported in Section 2.2, in September 2007 a passive venting trench was installed near LFG-3 to remediate elevated methane concentrations. Between September 2007 and October 2008 intensive monitoring was performed to evaluate the performance of the venting system. The passive venting trench, monitored by PVT-2 was successful at abating methane to below 5% in LFG-3 as summarized in Table 6. The City reverted to quarterly sampling of LFG-3 as described in correspondence to the SMCHSA, the CIWMB and the RWQCB from the City of South San Francisco on September 30, 2008.

During 2010 landfill gas concentrations in excess of 5% were found twice: during the first quarter a concentration of 7.7% was found in LFG-9 near passive venting trench PVT-1 and during the second quarter a concentration of 6.0% was found in LFG-3 near passive venting trench PVT-2. Methane concentrations subsequently declined to below the regulatory limit of 5% methane in all perimeter monitoring wells. During the second quarter of 2011, methane again was found at an elevated concentration of 5.5% in LFG-9. Of the remaining perimeter wells that could be sampled all were below 5% methane. During the third quarter of 2011, the City installed passive wind turbines at the exhaust of both of the PVT-1 and PVT-2 venting trenches to encourage landfill gas venting. Following the installation of the passive wind

turbines, methane concentrations have again declined to below the regulatory limit of 5% methane in all perimeter monitoring wells during the third and fourth quarters of 2011, all of 2012, as well as the first, third and fourth quarters of 2013. During the second quarter of 2013 the methane concentration at LFG-3 was again above 5% as stated in the 2013 Semi-Annual Report.

At the request of the SMCHSA, an off-site groundwater monitoring well, MW-5, was added to the landfill gas monitoring program during the fourth quarter of 2011 and is consistently found to have methane in excess of 5%. A maximum reading of 20.5% methane was found in MW-5 during the third quarter of 2012. This well, shown on Figure 3 as Alexandria Well MW-5, belongs to an undeveloped property (560 Eccles Ave) owned by Alexandria Real Estate dba Gull Avenue LLC adjoining the former Oyster Point Landfill. The well is located within the City of South San Francisco's Gull Drive easement, about 5-feet west of the curb of Gull Drive. It was installed along with four other groundwater monitoring wells by Environ for Alexandria in 2008 to monitor conditions at a former burn dump (not the former Oyster Point Landfill) and therefore the City considers that any landfill gases therein are likely to be associated with that former land use.

4.4 Proposed Modifications to the Monitoring Programs

There are no proposed modifications to the monitoring programs.

5.0 LANDFILL MAINTENANCE

5.1 Storm Water Pollution Prevention Inspections

Site inspections per the requirements of the SWPPP were conducted as required over the current reporting period. Inspection reports and stormwater sampling results for the period of July 1, 2013 through June 30, 2014 are reported in the 2013-2014 Annual Storm Water Report, due June 2014.

5.2 Post-Closure Maintenance Plan and Emergency Response Monitoring Program

Semi-annual inspections required as part of the FCPMP are conducted concurrent with inspections performed as part of the SWPPP.

6.0 REFERENCES

California Code of Regulations, Title 27, Sections 2091 8 through 21090.

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Terra Engineers, Inc. with PES Environmental, Inc., 2008. 2007-2008 Annual Storm Water Report, Former Oyster Point Landfill, South San Francisco, California, - June.

RWQCB, 2000. Order No. 00-046. June 21.

RWQCB, 1999. Order 99-045.

TABLES

Table 1
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition			Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-1	4/22/2003	0	0.0	0.5	0.9	7.0	91.6	10	2.4	1.0	---
		258	4.3	0.4	1.1	7.0	91.5	8	nm	nm	---
		516	8.6	0.3	1.4	4.0	94.3	6	nm	nm	---
		774	12.9	0.3	1.6	2.8	95.3	6	-81.3	1.0	---
	11/14/2003	0	0.0	0.0	0.9	18.5	80.3	0	-1.0	0.5	17.01
		312	2.6	0.0	2.8	17.1	80.0	0	nm	0.5	---
		624	5.2	0.0	2.0	18.2	79.8	0	nm	0.5	---
		936	7.8	0.0	1.8	18.5	79.9	0	nm	0.5	---
	2/11/2004	0	0.0	0.0	1.4	4.0	94.6	0	1.6	0.5	17.58
		324	2.7	0.0	2.3	14.9	82.9	0	nm	0.5	---
		648	5.4	0.0	2.1	13.8	82.5	0	nm	0.5	---
		972	8.1	0.0	2.4	14.1	82.8	0	-49.5	0.5	---
	5/12/2004	0	0.0	0.0	0.0	19.3	81.4	0	2.7	0.5	12.91
		240	2.0	0.0	0.7	15.0	84.3	0	nm	0.5	---
		480	4.0	0.0	0.7	14.7	84.8	0	nm	0.5	---
		720	6.0	0.0	0.8	14.7	84.9	0	-20.2	0.5	---
	7/22/2004	0	0.0	0.0	2.4	16.8	80.8	0	0.0	0.5	15.40
		300	2.5	0.0	3.0	15.7	81.3	0	nm	0.5	---
		600	5.0	0.0	2.9	16.5	80.6	0	nm	0.5	---
		900	7.5	0.0	2.7	17.2	80.1	0	-2.8	0.5	---
	8/31/2004	0	0.0	0.0	3.4	17.4	79.2	0	0.0	0.5	16.35
		300	2.5	0.0	2.0	17.4	80.6	0	nm	0.5	---
		600	5.0	0.0	2.0	18.6	79.4	0	nm	0.5	---
		900	7.5	0.0	2.0	18.7	79.3	0	-1.8	0.5	---
	11/17/2004	0	0.0	0.0	3.1	18.5	87.4	0	0.0	0.5	17.87
		300	2.5	0.0	3.3	13.3	83.4	0	nm	0.5	---
		600	5.0	0.0	3.1	13.2	83.7	0	nm	0.5	---
		900	7.5	0.0	3.0	13.1	83.9	0	-0.5	0.5	---
	2/2/2005	0	0.0	0.0	2.5	9.3	88.2	0	5.5	0.5	18.02
		300	2.5	0.0	2.6	9.2	88.2	0	nm	0.5	---
		600	5.0	0.0	2.5	9.3	88.2	0	nm	0.5	---
		900	7.5	0.0	2.5	9.7	87.8	0	-70.6	0.5	---
	5/18/2005	0	0.0	0.0	0.0	18.9	81.1	0	-0.1	0.5	14.03
		300	2.5	0.0	0.6	18.9	80.5	0	nm	0.5	---
		600	5.0	0.0	0.6	19.0	80.4	0	nm	0.5	---
		900	7.5	0.0	0.6	19.1	80.3	0	-10.1	0.5	---
	8/10/2005	0	0.0	0.1	1.3	17.7	80.9	2	-1.8	0.5	14.28
		300	2.5	0.1	2.5	16.3	81.1	2	nm	0.5	---
		600	5.0	0.1	2.5	16.4	81.0	2	nm	0.5	---
		900	7.5	0.1	2.3	17.6	80.0	2	-1.9	0.5	---
	11/30/2005	0	0.0	0.0	0.1	21.5	87.4	0	-1.6	0.5	17.00
		300	2.5	0.0	2.7	20.0	77.3	0	nm	0.5	---
		600	5.0	0.0	2.4	20.3	77.3	0	nm	0.5	---
		900	7.5	0.0	2.1	20.6	77.3	0	-1.6	0.5	---
	2/17/2006	0	0.0	0.0	2.3	16.9	80.8	0	-1.3	0.5	14.06
		300	2.5	0.0	1.5	18.4	80.1	0	nm	0.5	---
		600	5.0	0.0	1.1	18.9	80.0	0	nm	0.5	---
		900	7.5	0.0	1.0	19.1	79.9	0	-1.3	0.5	---

Table 1
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)						
LFG-1 (Cont.)	5/26/2006	0	0.0	0.3	1.8	12.5	85.4	5	-1.1	0.5	9.80	
		300	2.5	0.4	2.2	10.8	86.6	7	nm	0.5	---	
		600	5.0	0.2	2.1	7.4	90.3	3	nm	0.5	---	
		900	7.5	0.1	2.3	4.4	93.2	1	-20.7	0.5	---	
	8/25/2006	0	0.0	0.0	2.9	17.8	79.3	0	nm ⁽²⁾	0.5	14.13	
		300	2.5	0.1	3.9	17.0	79.0	1	nm ⁽²⁾	0.5	---	
		600	5.0	0.1	3.5	18.0	78.4	1	nm ⁽²⁾	0.5	---	
		900	7.5	0.1	3.1	18.6	78.2	1	nm ⁽²⁾	0.5	---	
	11/22/2006	0	0.0	0.0	2.0	17.8	80.2	0	-0.04	0.5	16.33	
		300	2.5	0.0	3.1	18.1	78.8	0	nm	0.5	---	
		600	5.0	0.0	2.9	18.3	78.8	0	nm	0.5	---	
		900	7.5	0.0	2.8	18.4	78.8	0	-0.04	0.5	---	
	2/17/2007	0	0.0	0.0	2.3	11.7	86.0	0	0.31	0.5	17.73	
		300	2.5	0.0	2.7	8.4	88.9	0	nm	0.5	---	
		600	5.0	0.0	2.6	8.5	88.9	0	nm	0.5	---	
		900	7.5	0.0	2.6	8.4	89.0	0	0.31	0.5	---	
	5/31/2007	0	0.0	0.0	0.1	20.2	79.7	0	nm	0.5	15.30	
		300	2.5	0.0	3.2	13.0	83.8	0	nm	0.5	---	
		600	5.0	0.0	3.2	13.3	83.5	0	nm	0.5	---	
		900	7.5	0.0	3.2	13.9	82.9	0	nm	0.5	---	
	8/31/2007	0	0.0	0.0	3.0	17.7	79.3	0	nm	0.5	16.87	
		300	2.5	0.0	3.4	17.5	79.1	0	nm	0.5	---	
		600	5.0	0.0	3.6	17.3	79.1	0	nm	0.5	---	
		900	7.5	0.0	3.7	17.1	79.2	0	-13.3	0.5	---	
	11/30/2007	0	0.0	0.0	0.7	19.7	79.6	0	nm	0.5	18.33	
		300	2.5	0.0	3.0	18.5	78.5	0	nm	0.5	---	
		600	5.0	0.0	3.4	18.2	78.4	0	nm	0.5	---	
		900	7.5	0.0	3.3	18.2	78.5	0	-13.4	0.5	---	
	2/14/2008	0	0.0	0.0	2.0	18.4	79.6	0	nm	0.5	19.14	
		300	2.5	0.0	3.4	16.4	80.2	0	nm	0.5	---	
		600	5.0	0.0	3.3	16.7	80.0	0	nm	0.5	---	
		900	7.5	0.0	3.2	17.0	79.8	0	nm	0.5	---	
	5/12/2008	0	0.0	0.0	1.0	18.6	80.4	0	nm	0.5	15.30	
		300	2.5	0.0	1.7	16.6	81.7	0	nm	0.5	---	
		600	5.0	0.0	1.8	16.4	81.8	0	nm	0.5	---	
		900	7.5	0.0	1.8	16.4	81.8	0	-12.9	0.5	---	
	7/15/2008	0	0.0	0.0	0.8	20.7	78.5	0	-0.4	0.5	16.35	
		300	2.5	0.0	3.9	17.5	78.6	0	-0.4	0.5	---	
		600	5.0	0.0	3.9	17.7	78.4	0	-0.4	0.5	---	
	10/29/2008	0	0.0	0.0	0.6	20.1	79.3	0	-0.2	0.5	18.43	
		300	2.5	0.0	3.9	17.9	78.2	0	-0.2	0.5	---	
		600	5.0	0.0	4.0	17.7	78.3	0	-0.2	0.5	---	
	LFG-2	4/22/2003	0	0.0	4.7	0.3	2.3	92.7	94	1.9	1.0	---
			324	5.4	2.2	0.6	3.1	94.2	44	nm	nm	---
			648	10.8	0.1	0.7	3.5	95.7	2	nm	nm	---
			972	16.2	0.2	0.4	5.1	94.3	4	-24.2	0.7	---

Table 1
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-2 (Cont.)	11/14/2003	0	0.0	0.0	0.7	10.4	91.3	0	-1.2	0.5	dry
		648	5.4	0.0	1.6	5.0	93.2	0	nm	0.5	---
		1296	10.8	0.0	1.5	8.4	90.9	0	nm	0.5	---
		1944	16.2	0.0	1.9	7.5	90.6	0	-30.1	0.5	---
	2/11/2004	0	0.0	0.0	0.3	20.5	72.5	0	1.5	0.5	dry
		648	5.4	0.0	1.4	3.7	94.7	0	nm	0.5	---
		1296	10.8	0.0	1.7	4.5	92.3	0	nm	0.5	---
		1944	16.2	0.0	1.9	5.0	91.9	0	-37.2	0.5	---
	5/12/2004	0	0.0	0.1	0.0	19.0	81.3	2	0.8	0.5	30.87
		576	4.8	0.0	0.9	3.8	95.4	0	nm	0.5	---
		1152	9.4	0.1	0.8	5.2	93.9	2	nm	0.5	---
		1728	14.4	0.0	0.5	6.3	93.3	0	-34.9	0.5	---
	7/22/2004	0	0.0	0.0	0.0	9.0	90.0	0	0.0	0.5	31.52
		600	5.0	0.0	1.6	6.4	92.0	0	nm	0.5	---
		1200	10.0	0.0	1.7	7.0	91.3	0	nm	0.5	---
		1800	15.0	0.0	1.8	7.2	91.0	0	-27.2	0.5	---
	8/31/2004	0	0.0	0.0	1.4	8.4	90.2	0	0.0	0.5	31.91
		600	5.0	0.0	1.7	7.5	90.8	0	nm	0.5	---
		1200	10.0	0.0	1.9	8.6	89.5	0	nm	0.5	---
		1800	15.0	0.0	1.9	9.0	89.1	0	-30.0	0.5	---
	11/17/2004	0	0.0	0.0	2.5	9.3	88.2	0	0.0	0.5	32.13
		600	5.0	0.0	2.6	7.0	90.4	0	nm	0.5	---
		1200	10.0	0.0	2.7	9.3	88.0	0	nm	0.5	---
		1800	15.0	0.0	2.7	8.4	88.9	0	-9.8	0.5	---
	2/2/2005	0	0.0	0.0	0.3	17.6	82.1	0	-2.3	0.5	27.70
		600	5.0	0.0	1.7	9.7	88.6	0	nm	0.5	---
		1200	10.0	0.0	1.7	9.3	89.0	0	nm	0.5	---
		1800	15.0	0.0	1.7	9.0	89.3	0	-29.0	0.5	---
	5/18/2005	0	0.0	0.0	2.2	10.5	87.3	0	-0.3	0.5	31.02
		600	5.0	0.0	0.2	19.5	80.3	0	nm	0.5	---
		1200	10.0	0.0	0.3	18.5	81.2	0	nm	0.5	---
		1800	15.0	0.0	0.1	19.2	80.7	0	-15.5	0.5	---
	8/10/2005	0	0.0	0.0	0.5	19.0	80.5	0	-2.1	0.5	28.65
		600	5.0	0.0	0.2	19.8	80.0	0	nm	0.5	---
		1200	10.0	0.0	0.2	19.1	80.7	0	nm	0.5	---
		1800	15.0	0.0	0.2	19.1	80.7	0	-4.7	0.5	---
	11/30/2005	0	0.0	0.0	1.0	18.0	81.0	0	-1.6	0.5	30.65
		600	5.0	0.0	0.8	19.0	80.2	0	nm	0.5	---
		1200	10.0	0.0	0.8	19.4	79.8	0	nm	0.5	---
		1800	15.0	0.0	0.8	19.6	79.6	0	-1.6	0.5	---
	2/17/2006	0	0.0	0.0	1.3	13.8	84.9	0	-1.3	0.5	27.63
		600	5.0	0.1	1.1	14.3	84.5	1	nm	0.5	---
		1200	10.0	0.5	1.0	13.8	84.7	10	nm	0.5	---
		1800	15.0	0.7	1.0	13.8	84.5	14	-1.3	0.5	---
	5/26/2006	0	0.0	0.0	1.3	14.5	84.2	0	-1.0	0.5	24.07
		600	5.0	0.0	0.5	18.4	81.1	0	nm	0.5	---
		1200	10.0	0.0	0.4	18.4	81.2	0	nm	0.5	---
		1800	15.0	0.0	0.4	18.3	81.3	0	-13.7	0.5	---

Table 1
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	CH ₄ (%)	CO ₂ (%)	O ₂ (5)	Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)		
LFG-2 (Cont.)	8/25/2006	0	0.0	0.1	1.2	16.5	82.2	1	nm ⁽²⁾	0.5	27.46		
		600	5.0	0.1	0.6	18.4	80.9	1	nm ⁽²⁾	0.5	---		
		1200	10.0	0.1	0.7	17.9	81.3	1	nm ⁽²⁾	0.5	---		
		1800	15.0	0.1	0.7	17.7	81.5	1	nm ⁽²⁾	0.5	---		
	11/22/2006	0	0.0	0.1	1.4	16.4	82.1	82.1	1	-0.04	0.5	28.85	
		600	5.0	0.0	1.0	17.7	81.3	81.3	0	nm	0.5	---	
		1200	10.0	0.0	1.1	17.8	81.1	81.1	0	nm	0.5	---	
		1800	15.0	0.0	1.1	18.0	80.9	80.9	0	-0.04	0.5	---	
	2/17/2007	0	0.0	0.0	1.3	17.3	81.4	81.4	0	0.31	0.5	28.40	
		600	5.0	0.0	1.6	15.0	83.4	83.4	0	nm	0.5	---	
		1200	10.0	0.0	1.6	14.9	83.5	83.5	0	nm	0.5	---	
		1800	15.0	0.0	1.5	15.3	83.2	83.2	0	0.31	0.5	---	
	5/31/2007	0	0.0	0.0	1.0	17.5	81.5	81.5	0	nm	0.5	28.84	
		600	5.0	0.0	0.9	16.9	82.2	82.2	0	nm	0.5	---	
		1200	10.0	0.0	0.9	16.6	82.5	82.5	0	nm	0.5	---	
		1800	15.0	0.0	1.0	16.2	82.8	82.8	0	nm	0.5	---	
	8/31/2007	0	0.0	0.0	0.9	16.2	82.9	82.9	0	nm	0.5	32.70	
		600	5.0	0.0	1.0	16.0	83.0	83.0	0	nm	0.5	---	
		1200	10.0	0.0	1.0	15.9	83.1	83.1	0	nm	0.5	---	
		1800	15.0	0.0	1.0	15.8	83.2	83.2	0	-20.2	0.5	---	
	11/30/2007	0	0.0	0.0	1.0	17.7	81.3	81.3	0	nm	0.5	30.62	
		600	5.0	0.0	1.1	17.6	81.3	81.3	0	nm	0.5	---	
		1200	10.0	0.0	1.0	17.6	81.4	81.4	0	nm	0.5	---	
		1800	15.0	0.0	1.0	17.6	81.4	81.4	0	-11.6	0.5	---	
	2/14/2008	0	0.0	0.0	1.1	16.7	82.2	82.2	0	nm	0.5	27.84	
		600	5.0	0.0	0.9	17.3	81.9	81.9	0	nm	0.5	---	
		1200	10.0	0.0	0.9	17.1	82.0	82.0	0	nm	0.5	---	
		1800	15.0	0.0	1.0	16.9	82.1	82.1	0	nm	0.5	---	
	5/12/2008	0	0.0	0.0	0.9	17.8	81.3	81.3	0	nm	0.5	28.30	
		600	5.0	0.0	0.8	17.9	81.3	81.3	0	nm	0.5	---	
		1200	10.0	0.0	0.8	18.0	81.2	81.2	0	nm	0.5	---	
		1800	15.0	0.0	0.8	17.9	81.3	81.3	0	-19.6	0.5	---	
	7/15/2008	0	0.0	0.0	0.1	21.7	78.2	78.2	0	nm	0.5	29.53	
		600	5.0	0.0	1.6	14.8	83.6	83.6	0	-13	0.5	---	
		1200	10.0	0.0	1.7	14.2	84.1	84.1	0	-13	0.5	---	
		1800	15.0	0.0	1.7	14.3	84.0	84.0	0	-13	0.5	---	
	10/29/2008	0	0.0	0.0	0.1	20.4	79.5	79.5	0	-3	0.5	31.10	
		600	5.0	0.0	2.0	13.9	84.1	84.1	0	-12	0.5	---	
		1200	10.0	0.0	2.0	14.0	84.0	84.0	0	-13	0.5	---	
		1800	15.0	0.0	1.9	14.1	84.0	84.0	0	-13	0.5	---	
	LFG-3	4/22/2003	0	0.0	40.2	5.3	0.4	54.1	>100	1.4	1.0	---	
			234	3.9	26.3	4.8	1.7	67.2	>100	nm	nm	---	
			468	7.8	44.4	7.9	1.1	46.6	>100	nm	nm	---	
			702	11.7	61.1	10.3	1.0	27.6	>100	-95.0	0.8	---	
		11/14/2003	0	0.0	0.0	4.2	17.2	63.6	63.6	0	-1.1	0.5	21.62
			396	3.3	61.6	12.0	1.4	25.5	25.5	>100	nm	0.5	---
			792	6.6	57.5	14.0	2.4	25.6	25.6	>100	nm	0.5	---
			1188	9.9	59.0	15.0	2.1	24.1	24.1	>100	-31.6	0.5	---

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Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-3 (Cont.)	2/11/2004	0	0.0	0.0	2.2	15.0	82.8	0	1.8	0.5	10.75
		204	1.7	4.0	0.4	19.9	76.6	80	nm	0.5	---
		408	3.4	1.3	0.0	20.6	78.0	26	nm	0.5	---
		612	5.1	1.6	0.0	20.5	77.9	32	-18.5	0.5	---
	5/12/2004	0	0.0	41.5	1.8	9.2	44.6	>100	2.8	0.5	17.04
		312	2.6	14.0	2.2	15.8	67.8	>100	nm	0.5	---
		624	5.2	13.7	2.0	17.3	67.2	>100	nm	0.5	---
		936	7.8	14.2	2.2	17.3	66.5	>100	-18.8	0.5	---
	8/31/2004	0	0.0	8.9	3.1	16.7	71.3	>100	0.2	0.5	20.64
		300	2.5	2.3	1.0	19.5	77.2	46	nm	0.5	---
		600	5.0	2.7	1.1	19.5	76.7	54	nm	0.5	---
		900	7.5	2.7	1.1	19.5	76.7	54	-10.8	0.5	---
	11/17/2004	0	0.0	41.0	13.6	3.4	42.0	>100	0.0	0.5	19.01
		300	2.5	55.8	17.1	0.0	27.1	>100	nm	0.5	---
		600	5.0	66.9	17.8	0.0	15.3	>100	nm	0.5	---
		900	7.5	71.0	18.0	0.0	11.0	>100	-23.3	0.5	---
	2/2/2005	0	0.0	45.0	9.8	5.1	60.1	>100	1.9	0.5	9.78
		300	2.5	7.9	1.3	18.0	72.8	>100	nm	0.5	---
		600	5.0	2.8	0.3	19.9	77.0	56	nm	0.5	---
		900	7.5	0.0	0.0	20.8	79.2	0	-28.8	0.5	---
	5/18/2005	0	0.0	71.8	15.4	0.0	12.8	>100	0.1	0.5	15.94
		300	2.5	72.2	15.6	0.0	12.2	>100	nm	0.5	---
		600	5.0	80.0	18.4	0.0	1.6	>100	nm	0.5	---
		900	7.5	79.9	20.1	0.0	0.0	>100	-30.2	0.5	---
	8/10/2005	0	0.0	62.7	14.5	1.8	21.0	>100	-2.1	0.5	18.05
		300	2.5	55.9	12.7	3.4	28.0	>100	nm	0.5	---
		600	5.0	53.0	13.0	4.4	29.6	>100	nm	0.5	---
		900	7.5	52.3	14.2	4.7	28.8	>100	-2.1	0.5	---
	11/30/2005	0	0.0	74.5	16.8	2.6	6.1	>100	-1.6	0.5	21.32
		300	2.5	65.2	14.6	3.8	16.4	>100	nm	0.5	---
		600	5.0	62.8	14.2	4.4	18.6	>100	nm	0.5	---
		900	7.5	60.4	13.9	4.7	21.0	>100	-1.6	0.5	---
	2/17/2006	0	0.0	67.8	12.6	2.7	16.9	>100	-1.5	0.5	17.71
		300	2.5	46.0	8.5	5.7	39.8	>100	nm	0.5	---
		600	5.0	42.2	7.9	6.5	43.4	>100	nm	0.5	---
		900	7.5	43.2	8.3	6.6	41.9	>100	-1.5	0.5	---
	5/26/2006	0	0.0	74.0	13.1	0.2	12.7	>100	-1.0	0.5	12.50
		300	2.5	76.6	13.8	0.0	6.6	>100	nm	0.5	---
		600	5.0	79.8	16.5	0.0	3.7	>100	nm	0.5	---
		900	7.5	81.4	17.7	0.0	0.9	>100	-47.3	0.5	---
	8/25/2006	0	0.0	35.4	8.7	11.0	44.9	>100	nm ⁽²⁾	0.5	19.71
		300	2.5	17.6	3.7	16.8	61.9	>100	nm ⁽²⁾	0.5	---
		600	5.0	16.7	3.3	17.2	62.8	>100	nm ⁽²⁾	0.5	---
		900	7.5	15.7	3.2	17.4	63.7	>100	nm ⁽²⁾	0.5	---
	11/22/2006	0	0.0	1.7	15.4	11.7	71.2	34	0.38	0.5	21.75
		300	2.5	62.6	16.3	0.0	21.1	>100	nm	0.5	---
		600	50.0	64.2	15.8	1.0	19.0	>100	nm	0.5	---
		900	7.5	65.4	15.5	1.7	17.4	>100	0.38	0.5	---

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Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)						
LFG-3 (Cont.)	2/17/2007	0	0.0	68.3	13.7	0.0	18.0	>100	0.31	0.5	16.75	
		300	2.5	42.1	10.0	5.2	42.7	>100	nm	0.5	---	
		600	5.0	22.9	5.0	13.6	58.5	>100	nm	0.5	---	
		900	7.5	15.4	3.3	16.2	65.1	>100	0.31	0.5	---	
	5/31/2007	0	0.0	0.0	0.2	21.2	78.6	0	nm	0.5	18.80	
		300	2.5	72.0	14.4	0.0	13.6	>100	nm	0.5	---	
		600	5.0	72.7	14.9	0.0	12.4	>100	nm	0.5	---	
		900	7.5	72.3	15.1	0.0	12.6	>100	nm	0.5	---	
	8/31/2007	0	0.0	0.0	11.2	5.1	36.4	>100	nm	0.5	22.38	
		300	2.5	72.0	16.1	0.0	14.0	>100	nm	0.5	---	
		600	5.0	72.7	17.0	0.0	14.7	>100	nm	0.5	---	
		900	7.5	72.3	17.2	0.0	14.8	>100	-34.0	0.5	---	
	11/30/2007	0	0.0	5.5	9.7	5.1	79.7	>100	nm	0.5	21.46	
		300	2.5	8.9	15.5	0.0	75.6	>100	nm	0.5	---	
		600	5.0	8.3	15.7	0.0	76.0	>100	nm	0.5	---	
		900	7.5	7.2	15.9	0.0	76.9	>100	-32.7	0.5	---	
	2/14/2008	0	0.0	0.5	6.2	5.5	87.8	10	nm	0.5	9.47	
		300	2.5	0.6	9.7	3.3	86.4	12	nm	0.5	---	
		600	5.0	0.6	4.4	11.1	83.9	12	nm	0.5	---	
		900	7.5	0.5	4.4	10.9	84.2	10	nm	0.5	---	
	5/12/2008	0	0.0	0.0	3.3	15.0	81.7	0	nm	0.5	17.60	
		300	2.5	1.6	10.2	3.9	84.3	32	nm	0.5	---	
		600	5.0	2.3	10.7	3.8	83.2	46	nm	0.5	---	
		900	7.5	2.4	8.6	6.8	82.2	48	-50.6	0.5	---	
	7/15/2008	0	0.0	0.1	6.0	13.2	80.7	1	nm	0.5	21.16	
		300	2.5	0.1	13.4	0.8	85.7	2	nm	0.5	---	
		600	5.0	0.1	11.5	3.2	85.2	2	nm	0.5	---	
		900	7.5	0.2	10.4	5.7	83.7	4	> -50	0.5	---	
	10/29/2008	0	0.0	0.0	14.5	0.0	85.5	0	5.0	0.5	23.81	
		300	2.5	0.0	4.5	13.3	82.2	0	14.0	0.5	---	
		600	5.0	0.0	1.9	16.8	81.3	0	14.5	0.5	---	
		900	7.5	0.0	1.4	17.5	81.1	0	12.5	0.5	---	
	LFG-4	4/22/2003	0	0.0	41.8	1.7	16.6	39.9	>100	0.0	1.0	---
			138	2.3	0.7	3.3	15.4	80.6	14	nm	nm	---
			276	4.6	0.5	1.7	16.3	81.5	10	nm	nm	---
			414	6.9	0.5	3.2	15.6	80.7	10	1.2	0.8	---
		11/14/2003	0	0.0	0.0	0.5	20.2	78.7	0	nm	0.5	10.58
			192	1.6	0.0	5.1	16.9	78.0	0	nm	0.5	---
			348	3.2	0.0	5.1	16.9	78.2	0	nm	0.5	---
			576	4.8	0.0	4.9	17.0	78.1	0	-11.1	0.5	---
		2/11/2004	0	0.0	0.0	0.2	19.9	80.2	0	1.2	0.5	9.58
			180	1.5	0.0	3.4	13.8	82.8	0	nm	0.5	---
			360	3.0	0.0	3.4	13.9	82.7	0	nm	0.5	---
			540	4.5	0.0	3.3	13.8	82.8	0	-14.7	0.5	---
		5/12/2004	0	0.0	0.1	0.0	20.4	79.6	2	1.9	0.5	9.03
			168	1.4	0.0	4.7	14.2	81.0	0	nm	0.5	---
			336	2.8	0.0	4.7	14.1	81.0	0	nm	0.5	---
			504	4.2	0.0	4.8	14.3	80.8	0	-10.2	0.5	---

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				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-4 (Cont.)	8/31/2004	0	0.0	0.0	5.7	16.0	78.3	0	0.2	0.5	10.21
		200	1.7	0.0	5.7	15.9	78.4	0	nm	0.5	---
		400	3.4	0.0	5.9	16.0	78.1	0	nm	0.5	---
		600	5.0	0.0	5.9	16.0	78.1	0	-13.2	0.5	---
	11/17/2004	0	0.0	0.0	5.9	16.0	78.1	0	0.0	0.5	10.52
		200	1.7	0.0	5.8	15.6	78.6	0	nm	0.5	---
		400	3.4	0.0	6.0	15.6	78.4	0	nm	0.5	---
		600	5.0	0.0	5.8	15.9	78.3	0	-6.2	0.5	---
	2/2/2005	0	0.0	0.0	2.3	12.6	85.1	0	-0.9	0.5	8.91
		200	1.7	0.0	4.2	12.6	83.2	0	nm	0.5	---
		400	3.4	0.0	4.3	12.4	83.3	0	nm	0.5	---
		600	5.0	0.0	4.2	12.5	83.3	0	-3.0	0.5	---
	5/18/2005	0	0.0	0.5	5.7	12.4	81.4	10	0.0	0.5	9.78
		200	1.7	0.1	6.0	10.9	83.0	2	nm	0.5	---
		400	3.4	0.0	6.0	10.9	83.1	0	nm	0.5	---
		600	5.0	0.0	6.0	11.0	83.0	0	-8.2	0.5	---
	8/10/2005	0	0.0	0.1	6.2	15.2	78.5	2	-2.1	0.5	9.65
		200	1.7	0.1	6.3	15.0	78.6	2	nm	0.5	---
		400	3.4	0.1	6.3	15.1	78.5	2	nm	0.5	---
		600	5.0	0.0	6.3	15.1	78.6	0	-2.1	0.5	---
	11/30/2005	0	0.0	0.0	5.8	18.0	76.2	0	-1.6	0.5	10.65
		200	1.7	0.0	5.9	17.7	76.4	0	nm	0.5	---
		400	3.4	0.0	5.9	17.7	76.4	0	nm	0.5	---
		600	5.0	0.0	5.8	17.8	76.4	0	-1.6	0.5	---
	2/17/2006	0	0.0	0.1	6.2	15.2	78.5	2	-2.1	0.5	9.16
		200	1.7	0.1	6.3	15.0	78.6	2	nm	0.5	---
		400	3.4	0.1	6.3	15.1	78.5	2	nm	0.5	---
		600	5.0	0.0	6.3	15.1	78.6	0	-2.1	0.5	---
	5/26/2006	0	0.0	0.0	5.2	4.4	90.4	0	-1.2	0.5	8.22
		200	1.7	0.0	5.3	4.4	90.3	0	nm	0.5	---
		400	3.4	0.0	5.4	4.4	90.2	0	nm	0.5	---
		600	5.0	0.0	5.4	4.6	90.0	0	-7.6	0.5	---
	8/25/2006	0	0.0	0.2	4.5	17.0	78.3	4	nm ⁽²⁾	0.5	8.22
		200	1.7	0.1	7.0	14.7	78.2	1	nm ⁽²⁾	0.5	---
		400	3.4	0.2	7.1	14.8	77.9	4	nm ⁽²⁾	0.5	---
		600	5.0	0.2	7.1	14.9	77.8	4	nm ⁽²⁾	0.5	---
	11/22/2006	0	0.0	0.0	6.2	16.8	77.0	0	0.38	0.5	10.68
		200	1.7	0.0	6.1	16.6	77.3	0	nm	0.5	---
		400	3.4	0.0	6.1	16.7	77.2	0	nm	0.5	---
		600	5.0	0.1	6.1	16.7	77.1	1	0.38	0.5	---
	2/17/2007	0	0.0	0.0	4.1	16.3	79.6	0	0.31	0.5	10.33
		200	1.7	0.0	4.2	16.9	78.9	0	nm	0.5	---
		400	3.4	0.0	4.2	17.1	78.7	0	nm	0.5	---
		600	5.0	0.0	4.1	17.1	78.8	1	0.31	0.5	---
	5/31/2007	0	0.0	0.0	4.7	17.0	78.3	0	nm	0.5	10.05
		200	1.7	0.0	4.9	16.8	78.3	0	nm	0.5	---
		400	3.4	0.0	4.9	16.9	78.2	0	nm	0.5	---
		600	5.0	0.0	5.0	16.9	78.1	0	nm	0.5	---

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				CH ₄ (%)	CO ₂ (%)	O ₂ (5)	CH ₄ (%)	CO ₂ (%)	O ₂ (5)	Balance Gas (%)	LEL (%)				
LFG-4 (Cont.)	8/31/2007	0	0.0	0.0	2.6	19.3	78.1	0	nm	0.5	10.64				
		200	1.7	0.0	5.6	17.3	77.1	0	nm	0.5	---				
		400	3.4	0.0	5.6	17.2	77.2	0	nm	0.5	---				
		600	5.0	0.0	5.6	17.2	77.2	0	-19.3	0.5	---				
	11/30/2007	0	0.0	0.0	5.2	17.1	77.7	0	nm	0.5	10.43				
		200	1.7	0.0	5.1	17.2	77.7	0	nm	0.5	---				
		400	3.4	0.0	5.1	17.2	77.7	0	nm	0.5	---				
		600	5.0	0.0	5.1	17.2	77.7	0	-15.6	0.5	---				
	2/14/2008	0	0.0	0.0	4.5	17.5	78.0	0	nm	0.5	6.35				
		200	1.7	0.0	5.9	16.4	77.8	0	nm	0.5	---				
		400	3.4	0.0	5.9	16.4	77.7	0	nm	0.5	---				
		600	5.0	0.0	6.0	16.4	77.6	0	nm	0.5	---				
	5/12/2008	0	0.0	0.0	4.2	14.9	80.9	0	nm	0.5	9.73				
		200	1.7	0.0	4.2	14.9	80.9	0	nm	0.5	---				
		400	3.4	0.0	4.2	15.0	80.8	0	nm	0.5	---				
		600	5.0	0.0	4.2	14.9	80.9	0	-22.00	0.5	---				
	7/15/2008	0	0.0	0.1	0.2	21.1	78.6	0	nm	0.5	10.34				
		200	1.7	0.0	5.2	16.5	78.3	0	-1.3	0.5	---				
		400	3.4	0.0	5.2	16.5	78.3	0	-1.3	0.5	---				
		600	5.0	0.0	5.2	16.6	78.2	0	-1.3	0.5	---				
	10/29/2008	0	0.0	0.0	3.1	18.0	78.9	0	-0.8	0.5	10.95				
		200	1.7	0.1	5.4	16.1	78.4	0	-0.8	0.5	---				
		400	3.4	0.0	5.4	16.1	78.5	0	-0.85	0.5	---				
		600	5.0	0.0	5.4	16.3	78.3	0	-0.85	0.5	---				
	LFG-5	11/14/2003	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.17			
		2/11/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.95			
		5/12/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.05			
		8/31/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.88			
11/17/2004		NA	ng	ng	ng	ng	ng	ng	ng	ng	2.01				
2/2/2005		NA	ng	ng	ng	ng	ng	ng	ng	ng	1.32				
5/18/2005		NA	ng	ng	ng	ng	ng	ng	ng	ng	1.73				
8/10/2005		NA	ng	ng	ng	ng	ng	ng	ng	ng	1.93				
11/30/2005		NA	ng	ng	ng	ng	ng	ng	ng	ng	2.89				
2/17/2006		NA	ng	ng	ng	ng	ng	ng	ng	ng	1.69				
5/26/2006		NA	ng	ng	ng	ng	ng	ng	ng	ng	1.36				
8/25/2006		NA	ng	ng	ng	ng	ng	ng	ng	ng	3.60				
11/22/2006		NA	ng	ng	ng	ng	ng	ng	ng	ng	4.85				
2/17/2007		NA	ng	ng	ng	ng	ng	ng	ng	ng	4.40				
5/31/2007		NA	ng	ng	ng	ng	ng	ng	ng	ng	4.70				
8/31/2007		NA	ng	ng	ng	ng	ng	ng	ng	ng	4.92				
11/30/2007		0	0.0	0.0	3.9	12.6	83.5	0	nm	0.5	7.70				
		200	1.7	0.0	4.2	12.4	83.4	0	nm	0.5	---				
		400	3.4	0.0	4.2	12.4	83.4	0	nm	0.5	---				
		600	5.0	0.0	4.2	12.4	83.4	0	-12.7	0.5	---				
2/14/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.72					
5/12/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.57					
7/15/2008	0	0.0	0.0	0.0	21.7	78.3	0	nm	0.5	5.50					
	200	1.7	0.1	0.0	21.7	78.2	1	-10.5	0.5	---					
	400	3.4	0.0	0.0	21.7	78.3	0	-10.5	0.5	---					
	600	5.0	0.0	0.0	21.8	78.2	0	-10.5	0.5	---					
10/29/2008	0	0.0	0.1	3.3	16.7	79.9	1	0.1	0.5	8.65					
	200	1.7	0.0	5.5	13.5	81.0	0	0.15	0.5	---					
	400	3.4	0.0	5.4	13.9	80.7	0	0.15	0.5	---					
	600	5.0	0.0	5.2	14.0	80.8	0	0.15	0.5	---					

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				CH ₄ (%)	CO ₂ (%)	O ₂ (5)	Balance Gas (%)	LEL (%)	SP (in.water)							
LFG-6	11/14/2003	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.56
	2/11/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.15
	5/12/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.92
	8/31/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.75
	11/17/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.81
	2/2/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.52
	5/18/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.76
	8/10/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.20
	11/30/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.17
	2/17/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.20
	5/26/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.00
	8/25/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.84
	11/22/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.70
	2/17/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.32
	5/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.53
	8/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.98
	11/30/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.61
	2/14/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.10
	5/12/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.95
	7/15/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	4.16
10/29/2008	0	0.0	0.0	0.0	0.1	20.4	79.5	0	2.4	0.5	5.40					
	200	1.7	0.0	0.0	0.0	20.7	79.3	0	2.4	0.5	---					
	400	3.4	0.1	0.0	20.6	79.3	1	2.4	0.5	---						
	600	5.0	0.0	0.0	20.7	79.3	0	2.4	0.5	---						
LFG-7	11/14/2003	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.87
	2/11/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.09
	5/12/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.09
	8/31/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.35
	11/17/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.39
	2/2/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.83
	5/18/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.02
	8/10/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.54
	11/30/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.64
	2/17/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	0.60
	5/26/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.10
	8/25/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	2.54
	11/22/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	4.23
	2/17/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.87
	5/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	4.06
	8/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.74
	11/30/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.25
2/14/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	1.35	
5/12/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	2.65	
7/15/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	3.81	
10/29/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	ng	4.96	
LFG-8	5/31/2007	0	0.0	0.0	0.0	20.8	79.2	0	nm	0.5	dry					
		200	1.0	1.0	0.9	15.8	82.3	19	nm	0.5	---					
		400	3.4	0.2	0.9	15.8	83.1	3	nm	0.5	---					
		600	5.0	0.0	0.8	15.8	83.4	1	nm	0.5	---					
	8/31/2007	0	0.0	0.0	1.2	18.2	80.6	0	nm	0.5	dry					
		200	1.7	0.0	1.3	17.9	80.8	0	nm	0.5	---					
		400	3.4	0.0	1.3	18.0	80.7	0	nm	0.5	---					
		600	5.0	0.0	1.3	18.0	80.7	0	-14.3	0.5	---					
	11/30/2007	0	0.0	0.0	5.6	12.8	81.6	0	nm	0.5	dry					
		200	1.7	0.0	6.2	12.0	81.8	0	nm	0.5	---					
		400	3.4	0.0	6.5	11.5	82.0	0	nm	0.5	---					
		600	5.0	0.0	6.5	11.4	82.1	0	-12.8	0.5	---					

Table 1
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition			Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-8 (Cont.)	2/14/2008	0	0.0	0.0	0.6	19.5	79.9	0	nm	0.5	dry
		200	1.7	0.0	1.0	18.1	80.9	0	nm	0.5	---
		400	3.4	0.0	1.1	18.2	80.7	0	nm	0.5	---
		600	5.0	0.0	1.3	18.2	80.5	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	2.0	13.8	84.2	0	nm	0.5	dry
		200	1.7	0.0	2.5	11.9	85.6	0	nm	0.5	---
		400	3.4	0.0	2.5	11.8	85.7	0	nm	0.5	---
		600	5.0	0.0	2.5	12.3	85.2	0	-13.9	0.5	---
	7/15/2008	0	0.0	0.0	1.1	20.0	78.9	0	nm	0.5	dry
		200	1.7	0.0	2.1	18.5	79.4	0	-0.1	0.5	---
		400	3.4	0.0	2.1	18.6	79.3	0	-0.1	0.5	---
		600	5.0	0.0	2.0	18.6	79.4	0	-0.1	0.5	---
	10/29/2008	0	0.0	0.0	1.2	19.3	79.5	0	-0.15	0.5	dry
		200	1.7	0.0	1.9	18.3	79.8	0	-0.15	0.5	---
		400	3.4	0.0	1.8	18.2	80.0	0	-0.15	0.5	---
		600	5.0	0.0	1.8	18.2	80.0	0	-0.15	0.5	---
LFG-9	5/31/2007	0	0.0	0.0	10.3	11.6	78.1	0	nm	0.5	dry
		200	1.7	0.1	13.4	6.5	80.0	1	nm	0.5	---
		400	3.4	0.0	13.0	6.7	80.3	1	nm	0.5	---
		600	5.0	0.0	13.0	6.7	80.3	1	nm	0.5	---
	8/31/2007	0	0.0	0.0	4.3	13.7	82.0	0	nm	0.5	dry
		200	1.7	0.0	5.7	11.5	82.8	0	nm	0.5	---
		400	3.4	0.0	5.7	11.4	82.9	0	nm	0.5	---
		600	5.0	0.0	5.7	11.4	82.9	0	-12.9	0.5	---
	11/30/2007	0	0.0	0.0	8.2	6.6	85.2	0	nm	0.5	dry
		200	1.7	0.0	9.2	5.1	85.7	0	nm	0.5	---
		400	3.4	0.0	10.2	3.8	86.0	0	nm	0.5	---
		600	5.0	0.0	10.2	3.8	86.0	0	-13.0	0.5	---
	2/14/2008	0	0.0	0.0	9.3	12.7	78.1	0	nm	0.5	dry
		200	1.7	0.0	9.6	10.0	80.5	0	nm	0.5	---
		400	3.4	0.0	11.1	9.1	79.9	0	nm	0.5	---
		600	5.0	0.0	10.3	9.1	80.7	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	6.0	15.4	78.6	0	nm	0.5	dry
		200	1.7	0.0	5.9	15.4	78.7	0	nm	0.5	---
		400	3.4	0.0	6.0	15.4	78.6	0	nm	0.5	---
		600	5.0	0.0	5.9	15.4	78.7	0	-12.5	0.5	---
	7/15/2008	0	0.0	0.0	5.3	12.9	81.8	0	nm	0.5	dry
		200	1.7	0.1	5.3	12.8	81.8	1	-0.1	0.5	---
		400	3.4	0.1	5.3	12.9	81.7	1	-0.1	0.5	---
		600	5.0	0.0	5.3	12.8	81.9	0	-0.1	0.5	---
10/29/2008	0	0.0	0.0	5.7	13.1	81.2	0	-0.15	0.5	dry	
	200	1.7	0.0	7.3	8.4	84.3	0	-0.15	0.5	---	
	400	3.4	0.0	7.2	8.5	84.3	0	-0.15	0.5	---	
	600	5.0	0.0	7.3	8.4	84.3	0	-0.15	0.5	---	
LFG-10	5/31/2007	0	0.0	1.7	6.9	14.2	77.2	>100	nm	0.5	dry
		200	1.7	4.5	8.4	12.6	74.5	>100	nm	0.5	---
		400	3.4	0.7	8.5	13.0	77.8	13	nm	0.5	---
		600	5.0	0.2	8.5	13.0	78.3	4	nm	0.5	---

Table 1
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)						
LFG-10 (Cont.)	8/31/2007	0	0.0	0.0	5.0	14.7	80.3	0	nm	0.5	dry	
		200	1.7	0.0	5.3	13.6	81.1	0	nm	0.5	---	
		400	3.4	0.0	5.2	13.5	81.3	0	nm	0.5	---	
		600	5.0	0.0	5.2	13.4	81.4	0	-13.30	0.5	---	
	11/30/2007	0	0.0	0.0	1.1	19.1	79.8	0	nm	0.5	dry	
		200	1.7	0.0	1.2	18.6	80.2	0	nm	0.5	---	
		400	3.4	0.0	1.3	18.6	80.1	0	nm	0.5	---	
		600	5.0	0.0	1.2	18.6	80.2	0	-11.5	0.5	---	
	2/14/2008	0	0.0	1.5	6.0	14.5	78.1	0	nm	0.5	dry	
		200	1.7	0.8	6.3	13.9	79.0	0	nm	0.5	---	
		400	3.4	0.8	6.4	13.3	79.6	0	nm	0.5	---	
		600	5.0	0.6	6.4	13.2	79.8	0	nm	0.5	---	
	5/12/2008	0	0.0	0.0	4.0	17.8	78.2	0	nm	0.5	dry	
		200	1.7	0.0	4.5	17.5	78.0	0	nm	0.5	---	
		400	3.4	0.0	4.4	17.5	78.1	0	nm	0.5	---	
		600	5.0	0.0	4.4	17.5	78.1	0	-12.3	0.5	---	
	7/15/2008	0	0.0	0.1	4.3	15.5	80.1	1	nm	0.5	dry	
		200	1.7	0.1	4.6	15.1	80.2	1	<-0.1	0.5	---	
		400	3.4	0.1	4.6	15.2	80.1	1	<-0.1	0.5	---	
		600	5.0	0.1	4.6	15.2	80.1	1	<-0.1	0.5	---	
	10/29/2008	0	0.0	0.0	3.3	17.3	79.4	0	-0.1	0.5	dry	
		200	1.7	0.0	5.1	13.2	81.7	0	-0.1	0.5	---	
		400	3.4	0.0	5.1	13.2	81.7	0	-0.1	0.5	---	
		600	5.0	0.0	5.1	13.2	81.7	0	-0.1	0.5	---	
	PVT-1	5/31/2007	200	1.7	6.1	18.1	1.4	74.4	>100	nm	0.5	nm
		8/31/2007	200	1.7	0.3	9.5	7.7	82.5	6	nm	0.5	nm
		11/30/2007	300	2.5	7.1	17.0	0.1	75.8	>100	-12.6	0.5	nm
		2/14/2008	300	2.5	12.9	16.5	1.8	68.8	>100	nm	0.5	nm
5/12/2008		300	2.5	3.5	13.2	6.7	76.6	70	0.0	0.5	nm	
7/15/2008		300	2.5	0.8	10.7	6.8	81.7	16	-0.1	0.5	nm	
10/29/2008		300	2.5	0.1	9.0	6.3	84.6	1	-0.1	0.5	nm	
PVT-2	11/30/2007	300	2.5	69.0	18.2	1.2	11.6	>100	-12.0	0.5	nm	
	2/14/2008	300	2.5	63.1	16.9	1.7	18.3	>100	-12.0	0.5	nm	
	5/12/2008	300	2.5	54.7	17.8	2.2	25.3	>100	0.0	0.5	nm	
	7/15/2008	300	2.5	51.5	19.0	1.5	28.0	>100	<-0.1	0.5	nm	
	10/29/2008	300	2.5	66.8	19.9	0.0	13.3	>100	<-0.1	0.5	nm	
PVW-1	11/30/2007	300	2.5	7.2	0.5	7.2	85.1	>100	-15.1	0.5	nm	
	2/14/2008	300	2.5	0.0	0.6	19.1	80.3	0	nm	0.5	nm	
	5/12/2008	300	2.5	0.0	0.0	21.7	78.3	0	0.0	0.5	nm	
	7/15/2008	300	2.5	0.1	0.2	21.0	78.7	1	<-0.1	0.5	nm	
	10/29/2008	300	2.5	0.0	0.1	19.3	80.6	0	<-0.1	0.5	nm	

Table 2
 Summary of Detection Monitoring Program
 Oyster Point Landfill
 South San Francisco, CA

Well Designation	Unit Monitred	Monitoring Frequency	Parameters
GW-1a	Waste	Annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-3a	Waste	Annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-10A	Waste	Annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-12A	Waste	Annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-13A	Waste	Annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-2B	Underlying Sand	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-4A	Perimeter berm	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-5A	Perimeter berm	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-6A	Perimeter berm and waste	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-7A	Adjacent earth fill	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-11A	Perimeter berm and waste	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-14A	Perimeter berm and waste	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-15A	Perimeter berm and waste	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes
GW-16A	Perimeter berm and waste	Semi-annual	Benzene, Ethylbenzene, Chlorobenzene, Naphthalene, Total Xylenes

Note: Water Levels will be measured quarterly in these wells

Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	TOC			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)	
					Original GW Elevation (ft. MLLW)	Elevation on 2/21/2003 (ft. MLLW)	Elevation on 7/3/2007 (ft. MLLW)			
GW-1a	8/19/1999	waste	18.19	10.21	7.98	17.75	17.38	16.91	18.19	7.98
	12/7/1999		18.19	13.84	4.35				18.15	4.31
	2/7/2000		18.19	12.00	6.19				18.13	6.13
	7/18/2000		18.19	10.32	7.87				18.08	7.76
	9/18/2000		18.19	11.80	6.39				18.06	6.26
	10/27/2000		18.19	13.84	4.35				18.04	4.20
	11/28/2000		18.19	11.72	6.47				18.03	6.31
	12/27/2000		18.19	11.99	6.2				18.02	6.03
	1/30/2001		18.19	12.11	6.08				18.01	5.90
	2/28/2001		18.19	11.73	6.46				18.00	6.27
	3/28/2001		18.19	11.67	6.52				17.99	6.32
	5/4/2001		18.19	11.72	6.47				17.98	6.26
	5/31/2001		18.19	11.81	6.38				17.97	6.16
	6/11/2001		18.19	11.81	6.38				17.97	6.16
	7/31/2001		18.19	11.84	6.35				17.95	6.11
	8/30/2001		18.19	11.81	6.38				17.94	6.13
	9/24/2001		18.19	8.84	9.35				17.93	9.09
	10/30/2001		18.19	11.81	6.38				17.92	6.11
	11/28/2001		18.19	11.75	6.44				17.91	6.16
	12/26/2001		18.19	11.84	6.35				17.90	6.06
	1/7/2002		18.19	11.72	6.47				17.90	6.18
	2/15/2002		18.19	11.51	6.68				17.88	6.37
	3/18/2002		18.19	11.70	6.49				17.87	6.17
	4/30/2002		18.19	11.58	6.61				17.86	6.28
	5/30/2002		18.19	11.51	6.68				17.85	6.34
	6/19/2002		18.19	11.57	6.62				17.84	6.27
	7/14/2002		18.19	11.60	6.59				17.83	6.23
	8/10/2002		18.19	11.60	6.59				17.82	6.22
	9/21/2002		18.19	11.69	6.5				17.81	6.12
	10/26/2002		18.19	11.62	6.57				17.80	6.18
	11/16/2002		18.19	11.73	6.46				17.79	6.06
	12/13/2002		18.19	11.73	6.46				17.78	6.05
	1/11/2003		18.19	11.50	6.69				17.77	6.27
	2/8/2003		18.19	11.43	6.76				17.76	6.33
	3/13/2003		18.19	11.59	6.6				17.75	6.16
	4/19/2003		18.19	11.49	6.7				17.73	6.24
	5/23/2003		18.19	11.33	6.86				17.73	6.40
	6/24/2003		18.19	7.25	10.94				17.72	10.47
	7/18/2003		18.19	11.45	6.74				17.71	6.26
	8/2/2003		18.19	11.50	6.69				17.71	6.21
	9/22/2003		18.19	11.46	6.73				17.70	6.24
	10/11/2003		18.19	11.52	6.67				17.69	6.17
	11/22/2003		18.19	11.47	6.72				17.68	6.21
	12/7/2003		18.19	11.44	6.75				17.68	6.24
	1/11/2004		18.19	11.20	6.99				17.67	6.47
	2/8/2004		18.19	11.38	6.81				17.67	6.29
	3/6/2004		18.19	11.57	6.62				17.66	6.09
	4/10/2004		18.19	11.24	6.95				17.65	6.41
	5/1/2004		18.19	11.43	6.76				17.65	6.22
	6/6/2004		18.19	11.32	6.87				17.64	6.32
	7/10/2004		18.19	11.38	6.81				17.63	6.25
	8/1/2004		18.19	11.33	6.86				17.62	6.29
	12/5/2004		18.19	11.07	7.12				17.59	6.52
	3/5/2005		18.19	11.09	7.10				17.57	6.48
	6/17/2005		18.19	10.88	7.31				17.55	6.67
	9/17/2005		18.19	11.08	7.11				17.53	6.45
	12/24/2005		18.19	11.01	7.18				17.51	6.50
	3/11/2006		18.19	10.55	7.64				17.49	6.94
6/11/2006		18.19	10.49	7.70				17.47	6.98	
9/24/2006		18.19	10.80	7.39				17.44	6.64	
12/16/2006		18.19	10.51	7.68				17.42	6.91	
3/17/2007		18.19	10.79	7.40				17.40	6.61	
6/16/2007		18.19	10.95	7.24				17.38	6.43	
8/26/2007		18.19	10.89	7.30				17.37	6.48	

Notes:
 TOC = top of casing
 GW = groundwater
 Wells surveyed to Mean Low Low Water (MLLW) as established by NOS Tidal Benchmark Disc 12-1975

**Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California**

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-1a (cont.)	12/2/2007		18.19	11.19	7.00				17.35	6.16
	3/9/2008		18.19	10.85	7.34				17.33	6.48
	6/24/2008		18.19	10.85	7.34				17.30	6.45
	9/30/2008		18.19	10.93	7.26				17.28	6.35
	12/9/2008		18.19	11.06	7.13				17.27	6.21
	3/12/2009		18.19	11.04	7.15				17.25	6.21
	6/24/2009		18.19	10.83	7.36				17.22	6.39
	9/9/2009		18.19	10.77	7.42				17.21	6.44
	12/29/2009		18.19	10.89	7.30				17.18	6.29
	3/9/2010		18.19	10.70	7.49				17.17	6.47
	6/28/2010		18.19	10.32	7.87				17.14	6.82
	9/24/2010		18.19	10.04	8.15				17.12	7.08
	12/27/2010		18.19	10.58	7.61				17.10	6.52
	3/28/2011		18.19	10.45	7.74				17.08	6.63
	5/6/2011		18.19	10.21	7.98				17.08	6.87
	9/30/2011		18.19	10.32	7.87				17.04	6.72
	11/10/2011		18.19	10.35	7.84				17.04	6.69
	3/3/2012		18.19	10.60	7.59				17.01	6.41
	5/18/2012		18.19	10.49	7.70				16.99	6.50
	12/20/2012		18.19	10.43	7.76				16.95	6.52
	3/8/2013		18.19	10.42	7.77				16.93	6.51
6/26/2013		18.19	10.66	7.53				16.91	6.25	
9/12/2013		18.19	10.61	7.58				16.91	6.30	
12/30/2013		18.19	10.80	7.39				16.91	6.11	
GW-2b	8/19/1999	alluvium	17.66	12.24	5.42	17.31	17.07	16.57	17.66	5.42
	12/7/1999		17.66	12.06	5.60				17.63	5.57
	2/7/2000		17.66	11.13	6.53				17.61	6.48
	7/18/2000		17.66	11.84	5.82				17.57	5.73
	9/18/2000		17.66	11.64	6.02				17.55	5.91
	10/27/2000		17.66	13.91	3.75				17.54	3.63
	11/28/2000		17.66	9.93	7.73				17.53	7.60
	12/27/2000		17.66	10.10	7.56				17.53	7.43
	1/30/2001		17.66	13.03	4.63				17.52	4.49
	2/28/2001		17.66	12.65	5.01				17.51	4.86
	3/28/2001		17.66	13.98	3.68				17.50	3.52
	5/4/2001		17.66	10.56	7.10				17.49	6.93
	5/31/2001		17.66	13.62	4.04				17.49	3.87
	6/11/2001		17.66	13.52	4.14				17.48	3.96
	7/31/2001		17.66	10.91	6.75				17.47	6.56
	8/30/2001		17.66	10.49	7.17				17.46	6.97
	9/24/2001		17.66	11.03	6.63				17.45	6.42
	10/30/2001		17.66	9.84	7.82				17.44	7.60
	11/28/2001		17.66	9.95	7.71				17.44	7.49
	12/26/2001		17.66	9.96	7.70				17.43	7.47
	1/7/2002		17.66	10.04	7.62				17.43	7.39
	2/15/2002		17.66	10.67	6.99				17.42	6.75
	3/18/2002		17.66	13.78	3.88				17.41	3.63
	4/30/2002		17.66	10.89	6.77				17.40	6.51
	5/30/2002		17.66	12.32	5.34				17.39	5.07
	6/19/2002		17.66	11.32	6.34				17.38	6.06
	7/14/2002		17.66	13.36	4.30				17.38	4.02
	8/10/2002		17.66	14.93	2.73				17.37	2.44
	9/21/2002		17.66	13.00	4.66				17.36	4.36
	10/26/2002		17.66	11.83	5.83				17.35	5.52
	11/16/2002		17.66	10.11	7.55				17.34	7.23
	12/13/2002		17.66	10.48	7.18				17.33	6.85
1/11/2003		17.66	11.85	5.81				17.33	5.48	
2/8/2003		17.66	13.15	4.51				17.32	4.17	
3/13/2003		17.66	11.02	6.64				17.31	6.29	
4/19/2003		17.66	15.36	2.30				17.30	1.94	
5/23/2003		17.66	11.75	5.91				17.29	5.54	
6/24/2003		17.66	12.61	5.05				17.29	4.68	
7/18/2003		17.66	14.09	3.57				17.29	3.20	
8/2/2003		17.66	13.89	3.77				17.28	3.39	

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Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-2b	9/22/2003		17.66	11.14	6.52				17.28	6.14
(cont.)	10/11/2003		17.66	12.29	5.37				17.27	4.98
	11/22/2003		17.66	10.02	7.64				17.27	7.25
	12/7/2003		17.66	11.08	6.58				17.26	6.18
	1/11/2004		17.66	12.01	5.65				17.26	5.25
	2/8/2004		17.66	12.33	5.33				17.25	4.92
	3/6/2004		17.66	10.41	7.25				17.25	6.84
	4/10/2004		17.66	14.54	3.12				17.25	2.71
	5/1/2004		17.66	10.90	6.76				17.24	6.34
	6/6/2004		17.66	15.48	2.18				17.24	1.76
	7/10/2004		17.66	11.84	5.82				17.23	5.39
	8/1/2004		17.66	14.33	3.33				17.23	2.90
	12/5/2004		17.66	11.95	5.71				17.21	5.26
	3/5/2005		17.66	12.63	5.03				17.20	4.57
	6/17/2005		17.66	11.35	6.31				17.18	5.83
	9/17/2005		17.66	11.72	5.94				17.17	5.45
	12/24/2005		17.66	9.69	7.97				17.15	7.46
	3/11/2006		17.66	10.30	7.36				17.14	6.84
	6/11/2006		17.66	12.25	5.41				17.13	4.88
	9/24/2006		17.66	11.44	6.22				17.11	5.67
	12/16/2006		17.66	10.84	6.82				17.10	6.26
	3/17/2007		17.66	10.25	7.41				17.08	6.83
	6/16/2007		17.66	14.02	3.64				17.07	3.05
	8/26/2007		17.66	11.03	6.63				17.06	6.03
	12/2/2007		17.66	12.21	5.45				17.03	4.82
	3/9/2008		17.66	12.46	5.20				17.01	4.55
	6/24/2008		17.66	13.30	4.36				16.99	3.69
	9/30/2008		17.66	9.50	8.16				16.97	7.47
	12/9/2008		17.66	12.53	5.13				16.95	4.42
	3/12/2009		17.66	12.03	5.63				16.93	4.90
	6/24/2009		17.66	9.89	7.77				16.90	7.01
	9/9/2009		17.66	10.13	7.53				16.89	6.76
	12/29/2009		17.66	13.35	4.31				16.86	3.51
	3/9/2010		17.66	13.30	4.36				16.84	3.54
	6/28/2010		17.66	10.48	7.18				16.82	6.34
	9/24/2010		17.66	10.66	7.00				16.80	6.14
	12/27/2010		17.66	10.60	7.06				16.78	6.18
	3/28/2011		17.66	13.06	4.60				16.76	3.70
	5/6/2011		17.66	11.26	6.40				16.75	5.49
	9/30/2011		17.66	8.72	8.94				16.71	7.99
	11/10/2011		17.66	12.06	5.60				16.70	4.64
	3/3/2012		17.66	12.75	4.91				16.68	3.93
	5/18/2012		17.66	12.16	5.50				16.66	4.50
	12/20/2012		17.66	13.35	4.31				16.61	3.26
	3/8/2013		17.66	13.89	3.77				16.59	2.70
	6/26/2013		17.66	10.31	7.35				16.57	6.26
	9/12/2013		17.66	9.94	7.72				16.57	6.63
	12/30/2013		17.66	14.41	3.25				16.57	2.16
GW-3a	8/19/1999	waste	20.18	14.28	5.90	19.65	18.98	18.04	20.18	5.90
	12/7/1999		20.18	14.06	6.12				20.14	6.08
	2/7/2000		20.18	14.15	6.03				20.11	5.96
	7/18/2000		20.18	13.86	6.32				20.04	6.18
	9/18/2000		20.18	13.85	6.33				20.02	6.17
	10/27/2000		20.18	13.96	6.22				20.00	6.04
	11/28/2000		20.18	13.64	6.54				19.99	6.35
	12/27/2000		20.18	13.86	6.32				19.98	6.12
	1/30/2001		20.18	13.96	6.22				19.96	6.00
	2/28/2001		20.18	13.66	6.52				19.95	6.29
	3/28/2001		20.18	13.50	6.68				19.94	6.44
	5/4/2001		20.18	13.68	6.50				19.93	6.25
	5/31/2001		20.18	13.96	6.22				19.92	5.96
	6/11/2001		20.18	13.64	6.54				19.91	6.27
	7/31/2001		20.18	13.67	6.51				19.89	6.22

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South San Francisco, California

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					Original GW Elevation (ft. MLLW)	on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)		
GW-3a (cont.)	8/30/2001		20.18	13.71	6.47			19.88	6.17
	9/24/2001		20.18	13.72	6.46			19.87	6.15
	10/30/2001		20.18	13.56	6.62			19.85	6.29
	11/28/2001		20.18	13.66	6.52			19.84	6.18
	12/26/2001		20.18	13.53	6.65			19.83	6.30
	1/7/2002		20.18	13.55	6.63			19.83	6.28
	2/15/2002		20.18	13.40	6.78			19.81	6.41
	3/18/2002		20.18	13.60	6.58			19.80	6.20
	4/30/2002		20.18	13.38	6.80			19.78	6.40
	5/30/2002		20.18	13.31	6.87			19.77	6.46
	6/19/2002		20.18	13.37	6.81			19.76	6.39
	7/14/2002		20.18	13.37	6.81			19.75	6.38
	8/10/2002		20.18	13.39	6.79			19.74	6.35
	9/21/2002		20.18	13.47	6.71			19.72	6.25
	10/26/2002		20.18	13.35	6.83			19.71	6.36
	11/16/2002		20.18	13.44	6.74			19.70	6.26
	12/13/2002		20.18	13.45	6.73			19.69	6.24
	1/11/2003		20.18	13.32	6.86			19.67	6.35
	2/8/2003		20.18	13.30	6.88			19.66	6.36
	3/13/2003		20.18	13.23	6.95			19.65	6.42
	4/19/2003		20.18	13.21	6.97			19.62	6.41
	5/23/2003		20.18	13.11	7.07			19.61	6.50
	6/24/2003		20.18	13.33	6.85			19.59	6.26
	7/18/2003		20.18	13.21	6.97			19.58	6.37
	8/2/2003		20.18	13.22	6.96			19.58	6.36
	9/22/2003		20.18	13.20	6.98			19.55	6.35
	10/11/2003		20.18	13.24	6.94			19.55	6.31
	11/22/2003		20.18	13.18	7.00			19.53	6.35
	12/7/2003		20.18	13.12	7.06			19.52	6.40
	1/11/2004		20.18	12.88	7.30			19.51	6.63
	2/8/2004		20.18	13.05	7.13			19.50	6.45
	3/6/2004		20.18	13.24	6.94			19.48	6.24
	4/10/2004		20.18	12.97	7.21			19.47	6.50
	5/1/2004		20.18	13.11	7.07			19.46	6.35
	6/6/2004		20.18	12.94	7.24			19.45	6.51
	7/10/2004		20.18	13.10	7.08			19.43	6.33
	8/1/2004		20.18	13.03	7.15			19.42	6.39
	12/5/2004		20.18	12.88	7.30			19.37	6.49
	3/5/2005		20.18	12.68	7.50			19.33	6.65
	6/17/2005		20.18	12.56	7.62			19.29	6.73
	9/17/2005		20.18	12.72	7.46			19.25	6.53
	12/24/2005		20.18	12.64	7.54			19.21	6.57
	3/11/2006		20.18	12.27	7.91			19.17	6.90
	6/11/2006		20.18	12.20	7.98			19.14	6.94
	9/24/2006		20.18	12.49	7.69			19.09	6.60
	12/16/2006		20.18	12.09	8.09			19.06	6.97
	3/17/2007		20.18	12.37	7.81			19.02	6.65
6/16/2007		20.18	12.48	7.70			18.98	6.50	
8/26/2007		20.18	12.49	7.69			18.96	6.47	
12/2/2007		20.18	12.78	7.40			18.91	6.13	
3/9/2008		20.18	12.37	7.81			18.87	6.50	
6/24/2008		20.18	12.27	7.91			18.83	6.56	
9/30/2008		20.18	12.31	7.87			18.78	6.47	
12/9/2008		20.18	12.41	7.77			18.75	6.34	
3/12/2009		20.18	12.15	8.03			18.71	6.56	
6/24/2009		20.18	12.19	7.99			18.67	6.48	
9/9/2009		20.18	12.09	8.09			18.63	6.54	
12/29/2009		20.18	12.19	7.99			18.59	6.40	
3/9/2010		20.18	12.87	7.31			18.56	5.69	
6/28/2010		20.18	11.62	8.56			18.51	6.89	
9/24/2010		20.18	11.96	8.22			18.47	6.51	
12/27/2010		20.18	11.71	8.47			18.43	6.72	
3/28/2011		20.18	11.51	8.67			18.39	6.88	
5/6/2011		20.18	11.46	8.72			18.37	6.91	
9/30/2011		20.18	11.55	8.63			18.31	6.76	
11/10/2011		20.18	11.51	8.67			18.29	6.78	

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						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-3a (cont.)	3/3/2012		20.18	11.63	8.55				18.24	6.61
	5/18/2012		20.18	11.56	8.62				18.21	6.65
	12/20/2012		20.18	11.43	8.75				18.12	6.69
	3/8/2013		20.18	11.50	8.68				18.08	6.58
	6/26/2013		20.18	11.75	8.43				18.04	6.29
	9/12/2013		20.18	11.68	8.50				18.04	6.36
	12/30/2013		20.18	11.81	8.37				18.04	6.23
GW-4a	8/19/1999	reworked clayey silt	8.91	3.44	5.47	8.71	8.52	8.33	8.91	5.47
	12/7/1999		8.91	3.99	4.92				8.89	4.90
	2/7/2000		8.91	2.81	6.10				8.88	6.07
	7/18/2000		8.91	3.28	5.63				8.86	5.58
	9/18/2000		8.91	4.07	4.84				8.85	4.78
	10/27/2000		8.91	2.94	5.97				8.84	5.90
	11/28/2000		8.91	2.85	6.06				8.84	5.99
	12/27/2000		8.91	3.34	5.57				8.83	5.49
	1/30/2001		8.91	3.54	5.37				8.83	5.29
	2/28/2001		8.91	3.25	5.66				8.82	5.57
	3/28/2001		8.91	4.33	4.58				8.82	4.49
	5/4/2001		8.91	3.63	5.28				8.81	5.18
	5/31/2001		8.91	3.86	5.05				8.81	4.95
	6/11/2001		8.91	4.06	4.85				8.81	4.75
	7/31/2001		8.91	3.26	5.65				8.80	5.54
	8/30/2001		8.91	3.38	5.53				8.80	5.42
	9/24/2001		8.91	3.47	5.44				8.79	5.32
	10/30/2001		8.91	3.26	5.65				8.79	5.53
	11/28/2001		8.91	2.86	6.05				8.78	5.92
	12/26/2001		8.91	2.43	6.48				8.78	6.35
	1/7/2002		8.91	3.16	5.75				8.78	5.62
	2/15/2002		8.91	3.01	5.90				8.77	5.76
	3/18/2002		8.91	3.23	5.68				8.77	5.54
	4/30/2002		8.91	2.92	5.99				8.76	5.84
	5/30/2002		8.91	3.18	5.73				8.75	5.57
	6/19/2002		8.91	3.49	5.42				8.75	5.26
	7/14/2002		8.91	3.27	5.64				8.75	5.48
	8/10/2002		8.91	3.22	5.69				8.74	5.52
	9/21/2002		8.91	3.57	5.34				8.74	5.17
	10/26/2002		8.91	3.36	5.55				8.73	5.37
	11/16/2002		8.91	5.80	3.11				8.73	2.93
	12/13/2002		8.91	2.61	6.30				8.72	6.11
	1/11/2003		8.91	2.67	6.24				8.72	6.05
	2/8/2003		8.91	3.63	5.28				8.72	5.09
	3/13/2003		8.91	3.48	5.43				8.71	5.23
	4/19/2003		8.91	3.26	5.65				8.70	5.44
	5/23/2003		8.91	3.38	5.53				8.70	5.32
	6/24/2003		8.91	3.76	5.15				8.69	4.93
	7/18/2003		8.91	3.50	5.41				8.69	5.19
	8/2/2003		8.91	3.52	5.39				8.69	5.17
9/22/2003		8.91	2.95	5.96				8.68	5.73	
10/11/2003		8.91	3.60	5.31				8.68	5.08	
11/22/2003		8.91	2.86	6.05				8.68	5.82	
12/7/2003		8.91	2.28	6.63				8.67	6.39	
1/11/2004		8.91	2.73	6.18				8.67	5.94	
2/8/2004		8.91	3.25	5.66				8.67	5.42	
3/6/2004		8.91	3.09	5.82				8.66	5.57	
4/10/2004		8.91	3.42	5.49				8.66	5.24	
5/1/2004		8.91	3.68	5.23				8.66	4.98	
6/6/2004		8.91	3.05	5.86				8.65	5.60	
7/10/2004		8.91	3.22	5.69				8.65	5.43	
8/1/2004		8.91	3.00	5.91				8.65	5.65	
12/5/2004		8.91	3.55	5.36				8.63	5.08	
3/5/2005		8.91	2.65	6.26				8.62	5.97	
6/17/2005		8.91	3.42	5.49				8.61	5.19	
9/17/2005		8.91	3.22	5.69				8.60	5.38	
12/24/2005		8.91	2.44	6.47				8.58	6.14	
3/11/2006		8.91	2.07	6.84				8.58	6.51	

Notes:
 TOC = top of casing
 GW = groundwater
 Wells surveyed to Mean Low Low Water (MLLW) as established by NOS Tidal Benchmark Disc 12-1975

**Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California**

Well Design	Date Measured	Screened Lithology	TOC					Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)	
			Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	Elevation on 2/21/2003 (ft. MLLW)	Elevation on 7/3/2007 (ft. MLLW)			Elevation on 6/12/2013 (ft. MLLW)
GW-4a (cont.)	6/11/2006		8.91	3.09	5.82			8.56	5.47	
	9/24/2006		8.91	3.28	5.63			8.55	5.27	
	12/16/2006		8.91	2.12	6.79			8.54	6.42	
	3/17/2007		8.91	3.83	5.08			8.53	4.70	
	6/16/2007		8.91	3.14	5.77			8.52	5.38	
	8/26/2007		8.91	3.05	5.86			8.52	5.47	
	12/2/2007		8.91	3.55	5.36			8.51	4.96	
	3/9/2008		8.91	3.66	5.25			8.50	4.84	
	6/24/2008		8.91	3.74	5.17			8.49	4.75	
	9/30/2008		8.91	2.38	6.53			8.48	6.10	
	12/9/2008		8.91	3.33	5.58			8.47	5.14	
	3/12/2009		8.91	2.21	6.70			8.47	6.26	
	6/24/2009		8.91	2.10	6.81			8.46	6.36	
	9/9/2009		8.91	2.01	6.90			8.45	6.44	
	12/29/2009		8.91	2.78	6.13			8.44	5.66	
	3/9/2010		8.91	3.32	5.59			8.43	5.11	
	6/28/2010		8.91	2.53	6.38			8.42	5.89	
	9/24/2010		8.91	3.11	5.80			8.42	5.31	
	12/27/2010		8.91	2.00	6.91			8.41	6.41	
	3/28/2011		8.91	2.73	6.18			8.40	5.67	
	5/6/2011		8.91	3.11	5.80			8.40	5.29	
	9/30/2011		8.91	1.76	7.15			8.38	6.62	
	11/10/2011		8.91	2.97	5.94			8.38	5.41	
	3/3/2012		8.91	3.06	5.85			8.37	5.31	
	5/18/2012		8.91	3.40	5.51			8.36	4.96	
	12/20/2012		8.91	3.40	5.51			8.35	4.95	
	3/8/2013		8.91	3.29	5.62			8.34	5.05	
	6/26/2013		8.91	2.63	6.28			8.33	5.70	
9/12/2013		8.91	2.70	6.21			8.33	5.63		
12/30/2013		8.91	3.12	5.79			8.33	5.21		
GW-5a	8/19/1999	reworked clayey silt	12.34	5.94	6.40	11.93	11.55	11.23	12.34	6.40
	12/7/1999		12.34	5.74	6.60				12.31	6.57
	2/7/2000		12.34	5.03	7.31				12.29	7.26
	7/18/2000		12.34	4.48	7.86				12.23	7.75
	9/18/2000		12.34	5.13	7.21				12.22	7.09
	10/27/2000		12.34	4.90	7.44				12.20	7.30
	11/28/2000		12.34	4.51	7.83				12.19	7.68
	12/27/2000		12.34	5.11	7.23				12.18	7.07
	1/30/2001		12.34	5.91	6.43				12.17	6.26
	2/28/2001		12.34	5.03	7.31				12.16	7.13
	3/28/2001		12.34	5.30	7.04				12.16	6.86
	5/4/2001		12.34	6.33	6.01				12.14	5.81
	5/31/2001		12.34	5.57	6.77				12.14	6.57
	6/11/2001		12.34	5.58	6.76				12.13	6.55
	7/31/2001		12.34	5.41	6.93				12.12	6.71
	8/30/2001		12.34	5.40	6.94				12.11	6.71
	9/24/2001		12.34	5.39	6.95				12.10	6.71
	10/30/2001		12.34	5.58	6.76				12.09	6.51
	11/28/2001		12.34	5.52	6.82				12.08	6.56
	12/26/2001		12.34	5.00	7.34				12.07	7.07
	1/7/2002		12.34	4.86	7.48				12.07	7.21
	2/15/2002		12.34	5.01	7.33				12.05	7.04
	3/18/2002		12.34	5.21	7.13				12.04	6.83
	4/30/2002		12.34	4.69	7.65				12.03	7.34
	5/30/2002		12.34	4.96	7.38				12.02	7.06
	6/19/2002		12.34	5.07	7.27				12.01	6.94
	7/14/2002		12.34	6.26	6.08				12.01	5.75
	8/10/2002		12.34	5.52	6.82				12.00	6.48
	9/21/2002		12.34	5.46	6.88				11.98	6.52
	10/26/2002		12.34	6.02	6.32				11.97	5.95
11/16/2002		12.34	4.97	7.37				11.97	7.00	
12/13/2002		12.34	5.15	7.19				11.96	6.81	
1/11/2003		12.34	5.32	7.02				11.95	6.63	
2/8/2003		12.34	5.01	7.33				11.94	6.93	
3/13/2003		12.34	4.71	7.63				11.93	7.22	

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Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-5a (cont.)	4/19/2003		12.34	5.53	6.81				11.91	6.38
	5/23/2003		12.34	4.69	7.65				11.91	7.22
	6/24/2003		12.34	5.05	7.29				11.90	6.85
	7/18/2003		12.34	6.00	6.34				11.89	5.89
	8/2/2003		12.34	5.44	6.90				11.89	6.45
	9/22/2003		12.34	4.98	7.36				11.88	6.90
	10/11/2003		12.34	5.51	6.83				11.87	6.36
	11/22/2003		12.34	4.58	7.76				11.86	7.28
	12/7/2003		12.34	4.49	7.85				11.86	7.37
	1/11/2004		12.34	5.02	7.32				11.85	6.83
	2/8/2004		12.34	4.72	7.62				11.84	7.12
	3/6/2004		12.34	4.60	7.74				11.84	7.24
	4/10/2004		12.34	5.45	6.89				11.83	6.38
	5/1/2004		12.34	4.69	7.65				11.82	7.13
	6/6/2004		12.34	5.24	7.10				11.81	6.57
	7/10/2004		12.34	5.92	6.42				11.81	5.89
	8/1/2004		12.34	5.15	7.19				11.80	6.65
	12/5/2004		12.34	5.18	7.16				11.77	6.59
	3/5/2005		12.34	4.90	7.44				11.75	6.85
	6/17/2005		12.34	4.90	7.44				11.72	6.82
	9/17/2005		12.34	5.85	6.49				11.70	5.85
	12/24/2005		12.34	4.59	7.75				11.68	7.09
	3/11/2006		12.34	4.33	8.01				11.66	7.33
	6/11/2006		12.34	4.57	7.77				11.64	7.07
	9/24/2006		12.34	4.95	7.39				11.61	6.66
	12/16/2006		12.34	4.12	8.22				11.59	7.47
	3/17/2007		12.34	4.30	8.04				11.57	7.27
	6/16/2007		12.34	5.34	7.00				11.55	6.21
	8/26/2007		12.34	5.10	7.24				11.54	6.44
	12/2/2007		12.34	5.37	6.97				11.53	6.16
	3/9/2008		12.34	4.42	7.92				11.51	7.09
	6/24/2008		12.34	5.32	7.02				11.50	6.18
	9/30/2008		12.34	4.87	7.47				11.48	6.61
	12/9/2008		12.34	5.26	7.08				11.47	6.21
	3/12/2009		12.34	4.87	7.47				11.46	6.59
	6/24/2009		12.34	4.44	7.90				11.44	7.00
	9/9/2009		12.34	5.04	7.30				11.43	6.39
	12/29/2009		12.34	5.45	6.89				11.42	5.97
	3/9/2010		12.34	4.35	7.99				11.41	7.06
	6/28/2010		12.34	4.31	8.03				11.39	7.08
9/24/2010		12.34	4.85	7.49				11.38	6.53	
12/27/2010		12.34	3.85	8.49				11.36	7.51	
3/28/2011		12.34	4.47	7.87				11.35	6.88	
5/6/2011		12.34	4.07	8.27				11.34	7.27	
9/30/2011		12.34	4.50	7.84				11.32	6.82	
11/10/2011		12.34	4.59	7.75				11.32	6.73	
3/3/2012		12.34	5.18	7.16				11.30	6.12	
5/18/2012		12.34	4.62	7.72				11.29	6.67	
12/20/2012		12.34	4.90	7.44				11.26	6.36	
3/8/2013		12.34	4.83	7.51				11.24	6.41	
6/26/2013		12.34	4.18	8.16				11.23	7.05	
9/12/2013		12.34	3.77	8.57				11.23	7.46	
12/30/2013		12.34	4.74	7.60				11.23	6.49	
GW-6a	8/19/1999	waste/reworked clayey silt	13.27	2.83	10.44	12.93	12.63	12.29	13.27	10.44
	12/7/1999		13.27	8.30	4.97				13.24	4.94
	2/7/2000		13.27	8.15	5.12				13.23	5.08
	7/18/2000		13.27	7.93	5.34				13.18	5.25
	9/18/2000		13.27	8.11	5.16				13.17	5.06
	10/27/2000		13.27	8.42	4.85				13.16	4.74
	11/28/2000		13.27	7.88	5.39				13.15	5.27
	12/27/2000		13.27	6.36	6.91				13.14	6.78
	1/30/2001		13.27	8.12	5.15				13.13	5.01
	2/28/2001		13.27	8.72	4.55				13.12	4.40
	3/28/2001		13.27	7.81	5.46				13.12	5.31
	5/4/2001		13.27	7.87	5.40				13.11	5.24

Notes:
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Former Oyster Point Landfill
South San Francisco, California**

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-6a	5/31/2001		13.27	7.81	5.46				13.10	5.29
(cont.)	6/11/2001		13.27	11.84	1.43				13.10	1.26
	7/31/2001		13.27	7.87	5.40				13.08	5.21
	8/30/2001		13.27	8.89	4.38				13.08	4.19
	9/24/2001		13.27	7.95	5.32				13.07	5.12
	10/30/2001		13.27	7.88	5.39				13.06	5.18
	11/28/2001		13.27	7.90	5.37				13.05	5.15
	12/26/2001		13.27	7.75	5.52				13.05	5.30
	1/7/2002		13.27	7.78	5.49				13.04	5.26
	2/15/2002		13.27	7.54	5.73				13.03	5.49
	3/18/2002		13.27	7.90	5.37				13.02	5.12
	4/30/2002		13.27	7.58	5.69				13.01	5.43
	5/30/2002		13.27	7.62	5.65				13.00	5.38
	6/19/2002		13.27	7.74	5.53				13.00	5.26
	7/14/2002		13.27	7.62	5.65				12.99	5.37
	8/10/2002		13.27	7.65	5.62				12.99	5.34
	9/21/2002		13.27	7.72	5.55				12.98	5.26
	10/26/2002		13.27	7.69	5.58				12.97	5.28
	11/16/2002		13.27	7.69	5.58				12.96	5.27
	12/13/2002		13.27	7.68	5.59				12.95	5.27
	1/11/2003		13.27	7.33	5.94				12.95	5.62
	2/8/2003		13.27	7.45	5.82				12.94	5.49
	3/13/2003		13.27	7.32	5.95				12.93	5.61
	4/19/2003		13.27	7.61	5.66				12.92	5.31
	5/23/2003		13.27	7.46	5.81				12.91	5.45
	6/24/2003		13.27	7.64	5.63				12.90	5.26
	7/18/2003		13.27	7.51	5.76				12.90	5.39
	8/2/2003		13.27	7.54	5.73				12.90	5.36
	9/22/2003		13.27	7.46	5.81				12.89	5.43
	10/11/2003		13.27	7.60	5.67				12.88	5.28
	11/22/2003		13.27	7.67	5.60				12.88	5.21
	12/7/2003		13.27	7.46	5.81				12.87	5.41
	1/11/2004		13.27	7.19	6.08				12.87	5.68
	2/8/2004		13.27	7.40	5.87				12.86	5.46
	3/6/2004		13.27	7.36	5.91				12.86	5.50
	4/10/2004		13.27	7.29	5.98				12.85	5.56
	5/1/2004		13.27	7.51	5.76				12.85	5.34
	6/6/2004		13.27	7.35	5.92				12.84	5.49
	7/10/2004		13.27	7.43	5.84				12.83	5.40
	8/1/2004		13.27	7.42	5.85				12.83	5.41
	12/5/2004		13.27	7.35	5.92				12.80	5.45
	3/5/2005		13.27	6.87	6.40				12.79	5.92
	6/17/2005		13.27	6.96	6.31				12.77	5.81
	9/17/2005		13.27	7.09	6.18				12.75	5.66
	12/24/2005		13.27	7.03	6.24				12.73	5.70
	3/11/2006		13.27	6.60	6.67				12.72	6.12
	6/11/2006		13.27	6.60	6.67				12.70	6.10
	9/24/2006		13.27	6.99	6.28				12.68	5.69
	12/16/2006		13.27	6.75	6.52				12.66	5.91
	3/17/2007		13.27	7.00	6.27				12.65	5.65
	6/16/2007		13.27	7.16	6.11				12.63	5.47
	8/26/2007		13.27	7.08	6.19				12.62	5.54
	12/2/2007		13.27	7.40	5.87				12.61	5.21
	3/9/2008		13.27	7.03	6.24				12.59	5.56
	6/24/2008		13.27	7.09	6.18				12.57	5.48
	9/30/2008		13.27	7.00	6.27				12.56	5.56
	12/9/2008		13.27	7.28	5.99				12.55	5.27
	3/12/2009		13.27	7.03	6.24				12.53	5.50
	6/24/2009		13.27	6.95	6.32				12.52	5.57
	9/9/2009		13.27	6.78	6.49				12.50	5.72
	12/29/2009		13.27	7.03	6.24				12.49	5.46
	3/9/2010		13.27	6.79	6.48				12.48	5.69
	6/28/2010		13.27	6.75	6.52				12.46	5.71
	9/24/2010		13.27	6.85	6.42				12.45	5.60
	12/27/2010		13.27	6.62	6.65				12.43	5.81
	3/28/2011		13.27	6.45	6.82				12.42	5.97

Notes:
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Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)	
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)			
GW-6a (cont.)	5/6/2011		13.27	6.52	6.75				12.41	5.89	
	9/30/2011		13.27	6.52	6.75				12.39	5.87	
	11/10/2011		13.27	6.62	6.65				12.38	5.76	
	3/3/2012		13.27	6.90	6.37				12.36	5.46	
	5/18/2012		13.27	6.86	6.41				12.35	5.49	
	12/20/2012		13.27	6.77	6.50				12.32	5.55	
	3/8/2013		13.27	6.86	6.41				12.31	5.45	
	6/26/2013		13.27	6.92	6.35				12.29	5.37	
	9/12/2013		13.27	6.83	6.44				12.29	5.46	
	12/30/2013		13.27	7.13	6.14				12.29	5.16	
	GW-7a	8/19/1999	gravel fill	10.45	5.64	4.81	10.42	10.30	10.27	10.45	4.81
		12/7/1999		10.45	4.95	5.50				10.45	5.50
2/7/2000			10.45	4.71	5.74				10.45	5.74	
7/18/2000			10.45	4.68	5.77				10.44	5.76	
9/18/2000			10.45	4.81	5.64				10.44	5.63	
10/27/2000			10.45	4.52	5.93				10.44	5.92	
11/28/2000			10.45	4.51	5.94				10.44	5.93	
12/27/2000			10.45	5.02	5.43				10.44	5.42	
1/30/2001			10.45	5.54	4.91				10.44	4.90	
2/28/2001			10.45	4.70	5.75				10.44	5.74	
3/28/2001			10.45	4.83	5.62				10.44	5.61	
5/4/2001			10.45	4.71	5.74				10.44	5.73	
5/31/2001			10.45	4.66	5.79				10.44	5.78	
6/11/2001			10.45	4.74	5.71				10.43	5.69	
7/31/2001			10.45	4.61	5.84				10.43	5.82	
8/30/2001			10.45	4.56	5.89				10.43	5.87	
9/24/2001			10.45	4.69	5.76				10.43	5.74	
10/30/2001			10.45	4.69	5.76				10.43	5.74	
11/28/2001			10.45	4.52	5.93				10.43	5.91	
12/26/2001			10.45	4.51	5.94				10.43	5.92	
1/7/2002			10.45	4.51	5.94				10.43	5.92	
2/15/2002			10.45	4.50	5.95				10.43	5.93	
3/18/2002			10.45	4.80	5.65				10.43	5.63	
4/30/2002			10.45	4.55	5.90				10.43	5.88	
5/30/2002			10.45	4.56	5.89				10.43	5.87	
6/19/2002			10.45	4.68	5.77				10.43	5.75	
7/14/2002			10.45	4.50	5.95				10.43	5.93	
8/10/2002			10.45	4.42	6.03				10.42	6.00	
9/21/2002			10.45	4.67	5.78				10.42	5.75	
10/26/2002			10.45	4.73	5.72				10.42	5.69	
11/16/2002			10.45	4.65	5.80				10.42	5.77	
12/13/2002			10.45	4.32	6.13				10.42	6.10	
1/11/2003			10.45	4.21	6.24				10.42	6.21	
2/8/2003			10.45	4.63	5.82				10.42	5.79	
3/13/2003			10.45	4.58	5.87				10.42	5.84	
4/19/2003			10.45	4.62	5.83				10.41	5.79	
5/23/2003			10.45	4.62	5.83				10.41	5.79	
6/24/2003		10.45	4.73	5.72				10.41	5.68		
7/18/2003		10.45	4.60	5.85				10.41	5.81		
8/2/2003		10.45	4.61	5.84				10.41	5.80		
9/22/2003		10.45	4.45	6.00				10.40	5.95		
10/11/2003		10.45	4.68	5.77				10.40	5.72		
11/22/2003		10.45	4.46	5.99				10.40	5.94		
12/7/2003		10.45	4.09	6.36				10.40	6.31		
1/11/2004		10.45	4.38	6.07				10.39	6.01		
2/8/2004		10.45	4.73	5.72				10.39	5.66		
3/6/2004		10.45	4.84	5.61				10.39	5.55		
4/10/2004		10.45	4.42	6.03				10.39	5.97		
5/1/2004		10.45	4.78	5.67				10.39	5.61		
6/6/2004		10.45	4.36	6.09				10.38	6.02		
7/10/2004		10.45	4.57	5.88				10.38	5.81		
8/1/2004		10.45	4.31	6.14				10.38	6.07		
12/5/2004		10.45	4.35	6.10				10.37	6.02		
3/5/2005		10.45	4.24	6.21				10.36	6.12		
6/17/2005		10.45	5.54	4.91				10.36	4.82		

Notes:
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Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-7a (cont.)	9/17/2005		10.45	4.58	5.87				10.35	5.77
	12/24/2005		10.45	4.35	6.10				10.34	5.99
	3/11/2006		10.45	4.09	6.36				10.33	6.24
	6/11/2006		10.45	4.29	6.16				10.33	6.04
	9/24/2006		10.45	4.48	5.97				10.32	5.84
	12/16/2006		10.45	3.95	6.50				10.31	6.36
	3/17/2007		10.45	4.59	5.86				10.31	5.72
	6/16/2007		10.45	4.30	6.15				10.30	6.00
	8/26/2007		10.45	4.40	6.05				10.30	5.90
	12/2/2007		10.45	4.60	5.85				10.30	5.70
	3/9/2008		10.45	4.56	5.89				10.30	5.74
	6/24/2008		10.45	4.53	5.92				10.30	5.77
	9/30/2008		10.45	4.02	6.43				10.29	6.27
	12/9/2008		10.45	4.60	5.85				10.29	5.69
	3/12/2009		10.45	3.91	6.54				10.29	6.38
	6/24/2009		10.45	3.89	6.56				10.29	6.40
	9/9/2009		10.45	3.74	6.71				10.29	6.55
	12/29/2009		10.45	4.29	6.16				10.29	6.00
	3/9/2010		10.45	4.43	6.02				10.29	5.86
	6/28/2010		10.45	3.91	6.54				10.28	6.37
	9/24/2010		10.45	4.32	6.13				10.28	5.96
	12/27/2010		10.45	4.03	6.42				10.28	6.25
	3/28/2011		10.45	4.25	6.20				10.28	6.03
	5/6/2011		10.45	4.26	6.19				10.28	6.02
	9/30/2011		10.45	3.92	6.53				10.28	6.36
	11/10/2011		10.45	4.15	6.30				10.28	6.13
3/3/2012		10.45	4.16	6.29				10.28	6.12	
5/18/2012		10.45	4.21	6.24				10.28	6.07	
12/20/2012		10.45	4.11	6.34				10.27	6.16	
3/8/2013		10.45	4.35	6.10				10.27	5.92	
6/26/2013		10.45	4.08	6.37				10.27	6.19	
9/12/2013		10.45	4.11	6.34				10.27	6.16	
12/30/2013		10.45	4.54	5.91				10.27	5.73	
GW-8c	8/19/1999	bedrock	58.66	39.98	18.68	58.65	58.65	58.65	58.66	18.68
	12/7/1999		58.66	40.72	17.94				58.66	17.94
	2/7/2000		58.66	36.75	21.91				58.66	21.91
	7/18/2000		58.66	38.48	20.18				58.66	20.18
	9/18/2000		58.66	39.01	19.65				58.66	19.65
	10/27/2000		58.66	40.35	18.31				58.66	18.31
	11/28/2000		58.66	39.53	19.13				58.66	19.13
	12/27/2000		58.66	39.28	19.38				58.66	19.38
	1/30/2001		58.66	38.33	20.33				58.66	20.33
	2/28/2001		58.66	33.05	25.61				58.66	25.61
	3/28/2001		58.66	33.81	24.85				58.66	24.85
	5/4/2001		58.66	36.26	22.40				58.66	22.40
	5/31/2001		58.66	37.62	21.04				58.66	21.04
	6/11/2001		58.66	37.70	20.96				58.65	20.95
	7/31/2001		58.66	39.52	19.14				58.65	19.13
	8/30/2001		58.66	39.94	18.72				58.65	18.71
	9/24/2001		58.66	40.16	18.50				58.65	18.49
	10/30/2001		58.66	41.51	17.15				58.65	17.14
	11/28/2001		58.66	39.55	19.11				58.65	19.10
	12/26/2001		58.66	36.37	22.29				58.65	22.28
	1/7/2002		58.66	29.40	29.26				58.65	29.25
	2/15/2002		58.66	33.90	24.76				58.65	24.75
	3/18/2002		58.66	34.30	24.36				58.65	24.35
	4/30/2002		58.66	36.34	22.32				58.65	22.31
	5/30/2002		58.66	37.59	21.07				58.65	21.06
	6/19/2002		58.66	38.00	20.66				58.65	20.65
7/14/2002		58.66	39.06	19.60				58.65	19.59	
8/10/2002		58.66	39.62	19.04				58.65	19.03	
9/21/2002		58.66	40.13	18.53				58.65	18.52	
10/26/2002		58.66	40.47	18.19				58.65	18.18	
11/16/2002		58.66	40.02	18.64				58.65	18.63	
12/13/2002		58.66	39.89	18.77				58.65	18.76	

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Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
					Original GW Elevation (ft. MLLW)	on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)		
GW-8c (cont.)	1/11/2003		58.66	29.71	28.95			58.65	28.94
	2/8/2003		58.66	32.37	26.29			58.65	26.28
	3/13/2003		58.66	33.59	25.07			58.65	25.06
	4/19/2003		58.66	33.66	25.00			58.65	24.99
	5/23/2003		58.66	33.90	24.76			58.65	24.75
	6/24/2003		58.66	35.59	23.07			58.65	23.06
	7/18/2003		58.66	37.89	20.77			58.65	20.76
	8/2/2003		58.66	38.54	20.12			58.65	20.11
	9/22/2003		58.66	39.42	19.24			58.65	19.23
	10/11/2003		58.66	39.98	18.68			58.65	18.67
	11/22/2003		58.66	39.98	18.68			58.65	18.67
	12/7/2003		58.66	38.37	20.29			58.65	20.28
	1/11/2004		58.66	30.66	28.00			58.65	27.99
	2/8/2004		58.66	32.17	26.49			58.65	26.48
	3/6/2004		58.66	29.47	29.19			58.65	29.18
	4/10/2004		58.66	33.36	25.30			58.65	25.29
	5/1/2004		58.66	35.41	23.25			58.65	23.24
	6/6/2004		58.66	37.71	20.95			58.65	20.94
	7/10/2004		58.66	38.93	19.73			58.65	19.72
	8/1/2004		58.66	39.42	19.24			58.65	19.23
	12/5/2004		58.66	38.39	20.27			58.65	20.26
	3/5/2005		58.66	26.46	32.20			58.65	32.19
	6/17/2005		58.66	34.20	24.46			58.65	24.45
	9/17/2005		58.66	38.96	19.70			58.65	19.69
	12/24/2005		58.66	37.10	21.56			58.65	21.55
	3/11/2006		58.66	26.76	31.90			58.65	31.89
	6/11/2006		58.66	32.32	26.34			58.65	26.33
	9/24/2006		58.66	38.68	19.98			58.65	19.97
	12/16/2006		58.66	37.18	21.48			58.65	21.47
	3/17/2007		58.66	34.93	23.73			58.65	23.72
	6/16/2007		58.66	38.09	20.57			58.65	20.56
	8/26/2007		58.66	39.59	19.07			58.65	19.06
	12/2/2007		58.66	39.88	18.78			58.65	18.77
	3/9/2008		58.66	30.43	28.23			58.65	28.22
	6/24/2008		58.66	38.22	20.44			58.65	20.43
	9/30/2008		58.66	39.85	18.81			58.65	18.80
12/9/2008		58.66	40.22	18.44			58.65	18.43	
3/12/2009		58.66	36.21	22.45			58.65	22.44	
6/24/2009		58.66	38.09	20.57			58.65	20.56	
9/9/2009		58.66	37.20	21.46			58.65	21.45	
12/29/2009		58.66	37.53	21.13			58.65	21.12	
3/9/2010		58.66	26.25	32.41			58.65	32.40	
6/28/2010		58.66	35.52	23.14			58.65	23.13	
9/24/2010		58.66	38.90	19.76			58.65	19.75	
12/27/2010		58.66	29.82	28.84			58.65	28.83	
3/28/2011		58.66	21.14	37.52			58.65	37.51	
5/6/2011		58.66	29.93	28.73			58.65	28.72	
9/30/2011		58.66	38.69	19.97			58.65	19.96	
11/10/2011		58.66	39.26	19.40			58.65	19.39	
3/3/2012		58.66	35.17	23.49			58.65	23.48	
5/18/2012		58.66	34.42	24.24			58.65	24.23	
12/20/2012		58.66	28.13	30.53			58.65	30.52	
3/8/2013		58.66	34.40	24.26			58.65	24.25	
6/26/2013		58.66	38.91	19.75			58.65	19.74	
9/12/2013		58.66	39.96	18.70			58.65	18.69	
12/30/2013		58.66	40.43	18.23			58.65	18.22	
GW-9a	8/19/1999	gravelly clay	36.50			36.47	36.45	36.44	36.50
	12/7/1999		36.50	24.75	11.75			36.50	11.75
	2/7/2000		36.50	23.67	12.83			36.50	12.83
	7/18/2000		36.50	24.83	11.67			36.50	11.67
	9/18/2000		36.50	24.79	11.71			36.50	11.71
	10/27/2000		36.50	24.75	11.75			36.50	11.75
	11/28/2000		36.50	24.27	12.23			36.49	12.22
	12/27/2000		36.50	25.10	11.40			36.49	11.39
1/30/2001		36.50	24.64	11.86			36.49	11.85	

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Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	TOC				Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
			Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	Elevation on 2/21/2003 on 7/3/2007 (ft. MLLW)		
GW-9a	2/28/2001		36.50	22.79	13.71		36.49	13.70
(cont.)	3/28/2001		36.50	24.85	11.65		36.49	11.64
	5/4/2001		36.50	24.16	12.34		36.49	12.33
	5/31/2001		36.50	24.78	11.72		36.49	11.71
	6/11/2001		36.50	25.04	11.46		36.49	11.45
	7/31/2001		36.50	DRY			36.49	
	8/30/2001		36.50	DRY			36.49	
	9/24/2001		36.50	DRY			36.48	
	10/30/2001		36.50	DRY			36.48	
	11/28/2001		36.50	DRY			36.48	
	12/26/2001		36.50	23.04	13.46		36.48	13.44
	1/7/2002		36.50	22.62	13.88		36.48	13.86
	2/15/2002		36.50	23.81	12.69		36.48	12.67
	3/18/2002		36.50	23.58	12.92		36.48	12.90
	4/30/2002		36.50	25.04	11.46		36.48	11.44
	5/30/2002		36.50	25.55	10.95		36.48	10.93
	6/19/2002		36.50	25.96	10.54		36.48	10.52
	7/14/2002		36.50	DRY			36.47	
	8/10/2002		36.50	DRY			36.47	
	9/21/2002		36.50	DRY			36.47	
	10/26/2002		36.50	25.91	10.59		36.47	10.56
	11/16/2002		36.50	25.42	11.08		36.47	11.05
	12/13/2002		36.50	25.79	10.71		36.47	10.68
	1/11/2003		36.50	22.77	13.73		36.47	13.70
	2/8/2003		36.50	24.66	11.84		36.47	11.81
	3/13/2003		36.50	24.68	11.82		36.47	11.79
	4/19/2003		36.50	23.74	12.76		36.47	12.73
	5/23/2003		36.50	24.08	12.42		36.47	12.39
	6/24/2003		36.50	25.06	11.44		36.47	11.41
	7/18/2003		36.50	DRY			36.47	
	8/2/2003		36.50	DRY			36.47	
	9/22/2003		36.50	DRY			36.47	
	10/11/2003		36.50	DRY			36.47	
	11/22/2003		36.50	25.59	10.91		36.47	10.88
	12/7/2003		36.50	23.77	12.73		36.47	12.70
	1/11/2004		36.50	22.75	13.75		36.47	13.72
	2/8/2004		36.50	23.37	13.13		36.47	13.10
	3/6/2004		36.50	23.31	13.19		36.47	13.16
	4/10/2004		36.50	24.55	11.95		36.46	11.91
	5/1/2004		36.50	25.13	11.37		36.46	11.33
	6/6/2004		36.50	25.85	10.65		36.46	10.61
	7/10/2004		36.50	DRY			36.46	
	8/1/2004		36.50	DRY			36.46	
	12/5/2004		36.50	25.26	11.24		36.46	11.20
	3/5/2005		36.50	23.65	12.85		36.46	12.81
	6/17/2005		36.50	24.22	12.28		36.46	12.24
	9/17/2005		36.50	DRY			36.46	
	12/24/2005		36.50	23.60	12.90		36.46	12.86
	3/11/2006		36.50	23.34	13.16		36.46	13.12
	6/11/2006		36.50	24.06	12.44		36.45	12.39
	9/24/2006		36.50	25.34	11.16		36.45	11.11
	12/16/2006		36.50	23.46	13.04		36.45	12.99
	3/17/2007		36.50	24.32	12.18		36.45	12.13
	6/16/2007		36.50	25.33	11.17		36.45	11.12
	8/26/2007		36.50	25.15	11.35		36.45	11.30
	12/2/2007		36.50	25.74	10.76		36.45	10.71
	3/9/2008		36.50	24.06	12.44		36.45	12.39
	6/24/2008		36.50	DRY			36.45	
	9/30/2008		36.50	20.97	15.53		36.45	15.48
	12/9/2008		36.50	20.97	15.53		36.45	15.48
	3/12/2009		36.50	23.89	12.61		36.45	12.56
	6/24/2009		36.50	25.76	10.74		36.45	10.69
	9/9/2009		36.50	23.90	12.60		36.45	12.55
	12/29/2009		36.50	23.89	12.61		36.45	12.56
	3/9/2010		36.50	23.34	13.16		36.45	13.11
	6/28/2010		36.50	25.25	11.25		36.44	11.19

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Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-9a	9/24/2010		36.50	DRY					36.44	
(cont.)	12/27/2010		36.50	23.36	13.14				36.44	13.08
	3/28/2011		36.50	OVERGROWN					36.44	
	5/6/2011		36.50	24.03	12.47				36.44	12.41
	9/30/2011		36.50	25.75	10.75				36.44	10.69
	11/10/2011		36.50	24.60	11.90				36.44	11.84
	3/3/2012		36.50	23.07	13.43				36.44	13.37
	5/18/2012		36.50	DRY					36.44	
	12/20/2012		36.50	24.21	12.29				36.44	12.23
	3/8/2013		36.50	24.26	12.24				36.44	12.18
	6/26/2013		36.50	DRY					36.44	
	9/12/2013		36.50	DRY					36.44	
	12/30/2013		36.50	DRY					36.44	
GW-10a	8/19/1999	waste	24.16	18.85	5.31	23.80	23.46	23.12	24.16	5.31
	12/7/1999		24.16	18.87	5.29				24.13	5.26
	2/7/2000		24.16	18.87	5.29				24.11	5.24
	7/18/2000		24.16	18.39	5.77				24.07	5.68
	9/18/2000		24.16	18.51	5.65				24.05	5.54
	10/27/2000		24.16	18.61	5.55				24.04	5.43
	11/28/2000		24.16	18.51	5.65				24.03	5.52
	12/27/2000		24.16	18.55	5.61				24.02	5.47
	1/30/2001		24.16	18.67	5.49				24.01	5.34
	2/28/2001		24.16	18.32	5.84				24.01	5.69
	3/28/2001		24.16	18.13	6.03				24.00	5.87
	5/4/2001		24.16	18.91	5.25				23.99	5.08
	5/31/2001		24.16	18.21	5.95				23.98	5.77
	6/11/2001		24.16	18.21	5.95				23.98	5.77
	7/31/2001		24.16	18.47	5.69				23.96	5.49
	8/30/2001		24.16	18.51	5.65				23.95	5.44
	9/24/2001		24.16	18.52	5.64				23.95	5.43
	10/30/2001		24.16	18.59	5.57				23.94	5.35
	11/28/2001		24.16	18.51	5.65				23.93	5.42
	12/26/2001		24.16	18.42	5.74				23.92	5.50
	1/7/2002		24.16	18.41	5.75				23.92	5.51
	2/15/2002		24.16	17.96	6.20				23.91	5.95
	3/18/2002		24.16	18.15	6.01				23.90	5.75
	4/30/2002		24.16	17.98	6.18				23.89	5.91
	5/30/2002		24.16	18.01	6.15				23.88	5.87
	6/19/2002		24.16	18.20	5.96				23.87	5.67
	7/14/2002		24.16	18.22	5.94				23.87	5.65
	8/10/2002		24.16	18.28	5.88				23.86	5.58
	9/21/2002		24.16	18.45	5.71				23.85	5.40
	10/26/2002		24.16	18.48	5.68				23.84	5.36
	11/16/2002		24.16	18.50	5.66				23.83	5.33
	12/13/2002		24.16	18.57	5.59				23.82	5.25
	1/11/2003		24.16	18.15	6.01				23.82	5.67
	2/8/2003		24.16	18.06	6.10				23.81	5.75
	3/13/2003		24.16	18.03	6.13				23.80	5.77
	4/19/2003		24.16	18.04	6.12				23.79	5.75
	5/23/2003		24.16	17.94	6.22				23.78	5.84
	6/24/2003		24.16	18.20	5.96				23.77	5.57
	7/18/2003		24.16	18.13	6.03				23.77	5.64
	8/2/2003		24.16	18.18	5.98				23.76	5.58
	9/22/2003		24.16	18.13	6.03				23.75	5.62
	10/11/2003		24.16	18.27	5.89				23.75	5.48
	11/22/2003		24.16	18.37	5.79				23.74	5.37
	12/7/2003		24.16	18.36	5.80				23.74	5.38
	1/11/2004		24.16	17.94	6.22				23.73	5.79
	2/8/2004		24.16	17.94	6.22				23.72	5.78
	3/6/2004		24.16	17.88	6.28				23.72	5.84
	4/10/2004		24.16	17.64	6.52				23.71	6.07
	5/1/2004		24.16	17.80	6.36				23.70	5.90
	6/6/2004		24.16	17.89	6.27				23.70	5.81
	7/10/2004		24.16	18.04	6.12				23.69	5.65
	8/1/2004		24.16	18.13	6.03				23.68	5.55

Notes:
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**Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California**

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-10a (cont.)	12/5/2004		24.16	18.08	6.08				23.66	5.58
	3/5/2005		24.16	17.38	6.78				23.64	6.26
	6/17/2005		24.16	17.20	6.96				23.62	6.42
	9/17/2005		24.16	17.54	6.62				23.60	6.06
	12/24/2005		24.16	17.78	6.38				23.58	5.80
	3/11/2006		24.16	17.11	7.05				23.56	6.45
	6/11/2006		24.16	16.77	7.39				23.54	6.77
	9/24/2006		24.16	17.39	6.77				23.52	6.13
	12/16/2006		24.16	17.46	6.70				23.50	6.04
	3/17/2007		24.16	17.40	6.76				23.48	6.08
	6/16/2007		24.16	17.61	6.55				23.46	5.85
	8/26/2007		24.16	17.70	6.46				23.45	5.75
	12/2/2007		24.16	18.04	6.12				23.44	5.40
	3/9/2008		24.16	17.44	6.72				23.42	5.98
	6/24/2008		24.16	18.14	6.02				23.40	5.26
	9/30/2008		24.16	17.69	6.47				23.39	5.70
	12/9/2008		24.16	17.90	6.26				23.38	5.48
	3/12/2009		24.16	17.44	6.72				23.36	5.92
	6/24/2009		24.16	17.58	6.58				23.35	5.77
	9/9/2009		24.16	16.56	7.60				23.33	6.77
	12/29/2009		24.16	16.76	7.40				23.32	6.56
	3/9/2010		24.16	17.23	6.93				23.31	6.08
	6/28/2010		24.16	16.93	7.23				23.29	6.36
	9/24/2010		24.16	17.33	6.83				23.28	5.95
	12/27/2010		24.16	17.28	6.88				23.26	5.98
	3/28/2011		24.16	16.93	7.23				23.25	6.32
	5/6/2011		24.16	16.69	7.47				23.24	6.55
	9/30/2011		24.16	17.13	7.03				23.22	6.09
	11/10/2011		24.16	17.21	6.95				23.21	6.00
	3/3/2012		24.16	17.48	6.68				23.19	5.71
5/18/2012		24.16	17.38	6.78				23.18	5.80	
12/20/2012		24.16	17.30	6.86				23.15	5.85	
3/8/2013		24.16	17.24	6.92				23.14	5.90	
6/26/2013		24.16	17.47	6.69				23.12	5.65	
9/12/2013		24.16	17.54	6.62				23.12	5.58	
12/30/2013		24.16	17.81	6.35				23.12	5.31	
GW-11a	8/19/1999	waste/ reworked clayey silt	8.51	3.67	4.84	8.28	8.12	7.92	8.51	4.84
	12/7/1999		8.51	3.58	4.93				8.49	4.91
	2/7/2000		8.51	3.35	5.16				8.48	5.13
	7/18/2000		8.51	3.20	5.31				8.45	5.25
	9/18/2000		8.51	2.37	6.14				8.44	6.07
	10/27/2000		8.51	3.32	5.19				8.43	5.11
	11/28/2000		8.51	3.21	5.30				8.43	5.22
	12/27/2000		8.51	3.45	5.06				8.42	4.97
	1/30/2001		8.51	3.53	4.98				8.42	4.89
	2/28/2001		8.51	3.87	4.64				8.41	4.54
	3/28/2001		8.51	3.00	5.51				8.41	5.41
	5/4/2001		8.51	3.15	5.36				8.40	5.25
	5/31/2001		8.51	2.97	5.54				8.40	5.43
	6/11/2001		8.51	3.17	5.34				8.39	5.22
	7/31/2001		8.51	3.16	5.35				8.38	5.22
	8/30/2001		8.51	3.58	4.93				8.38	4.80
	9/24/2001		8.51	3.31	5.20				8.37	5.06
	10/30/2001		8.51	3.56	4.95				8.37	4.81
	11/28/2001		8.51	3.19	5.32				8.36	5.17
	12/26/2001		8.51	3.16	5.35				8.36	5.20
	1/7/2002		8.51	2.97	5.54				8.36	5.39
	2/15/2002		8.51	2.87	5.64				8.35	5.48
	3/18/2002		8.51	3.05	5.46				8.34	5.29
	4/30/2002		8.51	2.95	5.56				8.34	5.39
	5/30/2002		8.51	2.89	5.62				8.33	5.44
	6/19/2002		8.51	2.91	5.60				8.33	5.42
	7/14/2002		8.51	11.60	-3.09				8.32	-3.28
8/10/2002		8.51	3.07	5.44				8.32	5.25	

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South San Francisco, California

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						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-11a (cont.)	9/21/2002		8.51	3.21	5.30				8.31	5.10
	10/26/2002		8.51	3.15	5.36				8.30	5.15
	11/16/2002		8.51	2.10	6.41				8.30	6.20
	12/13/2002		8.51	3.12	5.39				8.30	5.18
	1/11/2003		8.51	2.73	5.78				8.29	5.56
	2/8/2003		8.51	2.87	5.64				8.29	5.42
	3/13/2003		8.51	2.82	5.69				8.28	5.46
	4/19/2003		8.51	2.90	5.61				8.27	5.37
	5/23/2003		8.51	2.78	5.73				8.27	5.49
	6/24/2003		8.51	2.89	5.62				8.27	5.38
	7/18/2003		8.51	3.01	5.50				8.26	5.25
	8/2/2003		8.51	2.97	5.54				8.26	5.29
	9/22/2003		8.51	2.99	5.52				8.26	5.27
	10/11/2003		8.51	3.13	5.38				8.26	5.13
	11/22/2003		8.51	3.12	5.39				8.25	5.13
	12/7/2003		8.51	2.96	5.55				8.25	5.29
	1/11/2004		8.51	2.58	5.93				8.25	5.67
	2/8/2004		8.51	2.90	5.61				8.24	5.34
	3/6/2004		8.51	2.86	5.65				8.24	5.38
	4/10/2004		8.51	2.69	5.82				8.24	5.55
	5/1/2004		8.51	2.95	5.56				8.23	5.28
	6/6/2004		8.51	2.77	5.74				8.23	5.46
	7/10/2004		8.51	2.95	5.56				8.23	5.28
	8/1/2004		8.51	2.90	5.61				8.23	5.33
	12/5/2004		8.51	2.83	5.68				8.21	5.38
	3/5/2005		8.51	2.25	6.26				8.20	5.95
	6/17/2005		8.51	2.39	6.12				8.19	5.80
	9/17/2005		8.51	2.68	5.83				8.18	5.50
	12/24/2005		8.51	2.61	5.90				8.17	5.56
	3/11/2006		8.51	1.94	6.57				8.17	6.23
	6/11/2006		8.51	1.92	6.59				8.16	6.24
	9/24/2006		8.51	2.56	5.95				8.15	5.59
	12/16/2006		8.51	2.25	6.26				8.14	5.89
	3/17/2007		8.51	2.55	5.96				8.13	5.58
	6/16/2007		8.51	2.75	5.76				8.12	5.37
	8/26/2007		8.51	2.77	5.74				8.12	5.35
	12/2/2007		8.51	3.15	5.36				8.11	4.96
	3/9/2008		8.51	2.57	5.94				8.10	5.53
	6/24/2008		8.51	2.81	5.70				8.09	5.28
	9/30/2008		8.51	2.78	5.73				8.08	5.30
	12/9/2008		8.51	2.99	5.52				8.07	5.08
3/12/2009		8.51	2.58	5.93				8.06	5.48	
6/24/2009		8.51	2.62	5.89				8.05	5.43	
9/9/2009		8.51	2.50	6.01				8.05	5.55	
12/29/2009		8.51	2.72	5.79				8.04	5.32	
3/9/2010		8.51	2.35	6.16				8.03	5.68	
6/28/2010		8.51	2.25	6.26				8.02	5.77	
9/24/2010		8.51	2.66	5.85				8.01	5.35	
12/27/2010		8.51	2.33	6.18				8.00	5.67	
3/28/2011		8.51	2.05	6.46				7.99	5.94	
5/6/2011		8.51	2.04	6.47				7.99	5.95	
9/30/2011		8.51	2.18	6.33				7.98	5.80	
11/10/2011		8.51	2.43	6.08				7.97	5.54	
3/3/2012		8.51	2.45	6.06				7.96	5.51	
5/18/2012		8.51	2.53	5.98				7.96	5.43	
12/20/2012		8.51	2.39	6.12				7.94	5.55	
3/8/2013		8.51	2.43	6.08				7.93	5.50	
6/26/2013		8.51	2.39	6.12				7.92	5.53	
9/12/2013		8.51	2.67	5.84				7.92	5.25	
12/30/2013		8.51	2.98	5.53				7.92	4.94	
GW-12a	2/7/2000	waste	28.96	23.70	5.26	28.96	28.84	28.75	29.04	5.34
	7/18/2000		28.96	22.98	5.98				29.03	6.05
	9/18/2000		28.96	23.08	5.88				29.02	5.94
	10/27/2000		28.96	23.12	5.84				29.02	5.90

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					Original GW Elevation (ft. MLLW)	2/21/2003 on 7/3/2007 (ft. MLLW)	Elevation on 6/12/2013 (ft. MLLW)		
GW-12a	11/28/2000		28.96	23.02	5.94			29.02	6.00
(cont.)	12/27/2000		28.96	23.30	5.66			29.02	5.72
	1/30/2001		28.96	23.31	5.65			29.01	5.70
	2/28/2001		28.96	22.93	6.03			29.01	6.08
	3/28/2001		28.96	22.54	6.42			29.01	6.47
	5/4/2001		28.96	22.94	6.02			29.01	6.07
	5/31/2001		28.96	22.75	6.21			29.00	6.25
	6/11/2001		28.96	22.84	6.12			29.00	6.16
	7/31/2001		28.96	23.04	5.92			29.00	5.96
	8/30/2001		28.96	23.13	5.83			29.00	5.87
	9/24/2001		28.96	23.08	5.88			29.00	5.92
	10/30/2001		28.96	23.21	5.75			28.99	5.78
	11/28/2001		28.96	23.05	5.91			28.99	5.94
	12/26/2001		28.96	23.04	5.92			28.99	5.95
	1/7/2002		28.96	22.63	6.33			28.99	6.36
	2/15/2002		28.96	22.39	6.57			28.98	6.59
	3/18/2002		28.96	22.55	6.41			28.98	6.43
	4/30/2002		28.96	22.54	6.42			28.98	6.44
	5/30/2002		28.96	22.64	6.32			28.98	6.34
	6/19/2002		28.96	22.82	6.14			28.97	6.15
	7/14/2002		28.96	22.88	6.08			28.97	6.09
	8/10/2002		28.96	22.94	6.02			28.97	6.03
	9/21/2002		28.96	23.19	5.77			28.97	5.78
	10/26/2002		28.96	23.22	5.74			28.97	5.75
	11/16/2002		28.96	23.33	5.63			28.96	5.63
	12/13/2002		28.96	23.39	5.57			28.96	5.57
	1/11/2003		28.96	22.73	6.23			28.96	6.23
	2/8/2003		28.96	22.60	6.36			28.96	6.36
	3/13/2003		28.96	22.70	6.26			28.96	6.26
	4/19/2003		28.96	22.63	6.33			28.95	6.32
	5/23/2003		28.96	22.59	6.37			28.95	6.36
	6/24/2003		28.96	22.79	6.17			28.95	6.16
	7/18/2003		28.96	22.84	6.12			28.95	6.11
	8/2/2003		28.96	22.87	6.09			28.95	6.08
	9/22/2003		28.96	22.95	6.01			28.94	5.99
	10/11/2003		28.96	23.05	5.91			28.94	5.89
	11/22/2003		28.96	23.12	5.84			28.94	5.82
	12/7/2003		28.96	23.13	5.83			28.94	5.81
	1/11/2004		28.96	22.68	6.28			28.93	6.25
	2/8/2004		28.96	22.59	6.37			28.93	6.34
	3/6/2004		28.96	22.37	6.59			28.93	6.56
	4/10/2004		28.96	22.29	6.67			28.93	6.64
	5/1/2004		28.96	22.47	6.49			28.92	6.45
	6/6/2004		28.96	22.53	6.43			28.92	6.39
	7/10/2004		28.96	22.77	6.19			28.92	6.15
	8/1/2004		28.96	22.89	6.07			28.92	6.03
	12/5/2004		28.96	23.04	5.92			28.91	5.87
	3/5/2005		28.96	21.97	6.99			28.90	6.93
	6/17/2005		28.96	21.95	7.01			28.89	6.94
	9/17/2005		28.96	22.38	6.58			28.89	6.51
	12/24/2005		28.96	22.46	6.50			28.88	6.42
	3/11/2006		28.96	21.70	7.26			28.87	7.17
	6/11/2006		28.96	21.48	7.48			28.87	7.39
	9/24/2006		28.96	22.24	6.72			28.86	6.62
	12/16/2006		28.96	22.12	6.84			28.85	6.73
	3/17/2007		28.96	22.00	6.96			28.85	6.85
	6/16/2007		28.96	22.34	6.62			28.84	6.50
	8/26/2007		28.96	22.53	6.43			28.84	6.31
	12/2/2007		28.96	22.88	6.08			28.83	5.95
	3/9/2008		28.96	22.07	6.89			28.83	6.76
	6/24/2008		28.96	23.01	5.95			28.82	5.81
	9/30/2008		28.96	22.69	6.27			28.82	6.13
	12/9/2008		28.96	24.85	4.11			28.82	3.97
	3/12/2009		28.96	22.28	6.68			28.81	6.53
	6/24/2009		28.96	22.55	6.41			28.81	6.26
	9/9/2009		28.96	22.47	6.49			28.81	6.34

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						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-12a (cont.)	12/29/2009		28.96	22.82	6.14				28.80	5.98
	3/9/2010		28.96	22.19	6.77				28.80	6.61
	6/28/2010		28.96	21.93	7.03				28.79	6.86
	9/24/2010		28.96	22.40	6.56				28.79	6.39
	12/27/2010		28.96	22.25	6.71				28.79	6.54
	3/28/2011		28.96	21.79	7.17				28.78	6.99
	5/6/2011		28.96	21.57	7.39				28.78	7.21
	9/30/2011		28.96	COVERED					28.77	
	11/10/2011		28.96	22.20	6.76				28.77	6.57
	3/3/2012		28.96	COVERED					28.77	
	5/18/2012		28.96	COVERED					28.76	
	12/20/2012		28.96	22.08	6.88				28.76	6.68
	3/8/2013		28.96	COVERED					28.75	
	6/26/2013		28.96	22.54	6.42				28.75	6.21
	9/12/2013		28.96	COVERED					28.75	
	12/30/2013		28.96	22.83	6.13				28.75	5.92
	GW-13a	2/7/2000	waste	16.80	3.98	12.82	16.77	16.63	16.49	16.80
7/18/2000			16.80	4.66	12.14				16.80	12.14
9/18/2000			16.80	12.17	4.63				16.79	4.62
10/27/2000			16.80	12.10	4.70				16.79	4.69
11/28/2000			16.80	11.99	4.81				16.79	4.80
12/27/2000			16.80	11.95	4.85				16.79	4.84
1/30/2001			16.80	12.27	4.53				16.79	4.52
2/28/2001			16.80	11.81	4.99				16.79	4.98
3/28/2001			16.80	11.77	5.03				16.79	5.02
5/4/2001			16.80	11.88	4.92				16.79	4.91
5/31/2001			16.80	11.95	4.85				16.79	4.84
6/11/2001			16.80	12.02	4.78				16.79	4.77
7/31/2001			16.80	12.10	4.70				16.79	4.69
8/30/2001			16.80	12.12	4.68				16.79	4.67
9/24/2001			16.80	12.12	4.68				16.79	4.67
10/30/2001			16.80	12.06	4.74				16.78	4.72
11/28/2001			16.80	12.01	4.79				16.78	4.77
12/26/2001			16.80	11.71	5.09				16.78	5.07
1/7/2002			16.80	11.33	5.47				16.78	5.45
2/15/2002			16.80	11.73	5.07				16.78	5.05
3/18/2002			16.80	11.91	4.89				16.78	4.87
4/30/2002			16.80	11.83	4.97				16.78	4.95
5/30/2002			16.80	11.81	4.99				16.78	4.97
6/19/2002			16.80	12.02	4.78				16.78	4.76
7/14/2002			16.80	12.08	4.72				16.78	4.70
8/10/2002			16.80	12.10	4.70				16.78	4.68
9/21/2002			16.80	12.27	4.53				16.78	4.51
10/26/2002			16.80	12.29	4.51				16.78	4.49
11/16/2002			16.80	12.21	4.59				16.77	4.56
12/13/2002			16.80	12.32	4.48				16.77	4.45
1/11/2003			16.80	11.83	4.97				16.77	4.94
2/8/2003			16.80	11.87	4.93				16.77	4.90
3/13/2003			16.80	11.66	5.14				16.77	5.11
4/19/2003			16.80	11.88	4.92				16.77	4.89
5/23/2003			16.80	11.83	4.97				16.77	4.94
6/24/2003			16.80	12.13	4.67				16.76	4.63
7/18/2003		16.80	12.01	4.79				16.76	4.75	
8/2/2003		16.80	12.02	4.78				16.76	4.74	
9/22/2003		16.80	12.01	4.79				16.76	4.75	
10/11/2003		16.80	12.11	4.69				16.75	4.64	
11/22/2003		16.80	12.22	4.58				16.75	4.53	
12/7/2003		16.80	12.13	4.67				16.75	4.62	
1/11/2004		16.80	11.46	5.34				16.75	5.29	
2/8/2004		16.80	11.47	5.33				16.74	5.27	
3/6/2004		16.80	11.55	5.25				16.74	5.19	
4/10/2004		16.80	11.60	5.20				16.74	5.14	
5/1/2004		16.80	11.97	4.83				16.74	4.77	
6/6/2004		16.80	11.89	4.91				16.73	4.84	
7/10/2004		16.80	12.19	4.61				16.73	4.54	

Notes:
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**Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California**

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-13a (cont.)	8/1/2004		16.80	12.36	4.44				16.73	4.37
	12/5/2004		16.80	11.42	5.38				16.72	5.30
	3/5/2005		16.80	10.86	5.94				16.71	5.85
	6/17/2005		16.80	11.13	5.67				16.70	5.57
	9/17/2005		16.80	11.55	5.25				16.69	5.14
	12/24/2005		16.80	11.49	5.31				16.68	5.19
	3/11/2006		16.80	10.76	6.04				16.67	5.91
	6/11/2006		16.80	10.76	6.04				16.66	5.90
	9/24/2006		16.80	11.54	5.26				16.65	5.11
	12/16/2006		16.80	11.15	5.65				16.65	5.50
	3/17/2007		16.80	11.24	5.56				16.64	5.40
	6/16/2007		16.80	11.62	5.18				16.63	5.01
	8/26/2007		16.80	11.70	5.10				16.63	4.93
	12/2/2007		16.80	11.98	4.82				16.62	4.64
	3/9/2008		16.80	11.02	5.78				16.61	5.59
	6/24/2008		16.80	8.50	8.30				16.61	8.11
	9/30/2008		16.80	11.74	5.06				16.60	4.86
	12/9/2008		16.80	11.82	4.98				16.60	4.78
	3/12/2009		16.80	11.48	5.32				16.59	5.11
	6/24/2009		16.80	11.64	5.16				16.58	4.94
	9/9/2009		16.80	11.59	5.21				16.58	4.99
	12/29/2009		16.80	11.66	5.14				16.57	4.91
	3/9/2010		16.80	10.65	6.15				16.57	5.92
	6/28/2010		16.80	10.95	5.85				16.56	5.61
	9/24/2010		16.80	11.42	5.38				16.55	5.13
	12/27/2010		16.80	10.85	5.95				16.55	5.70
	3/28/2011		16.80	10.52	6.28				16.54	6.02
	5/6/2011		16.80	10.49	6.31				16.54	6.05
	9/30/2011		16.80	11.20	5.60				16.53	5.33
	11/10/2011		16.80	11.20	5.60				16.53	5.33
	3/3/2012		16.80	11.43	5.37				16.52	5.09
5/18/2012		16.80	11.35	5.45				16.52	5.17	
12/20/2012		16.80	10.41	6.39				16.50	6.09	
3/8/2013		16.80	11.18	5.62				16.50	5.32	
6/26/2013		16.80	11.53	5.27				16.49	4.96	
9/12/2013		16.80	11.57	5.23				16.49	4.92	
12/30/2013		16.80	11.75	5.05				16.49	4.74	
GW-14a	2/7/2000	waste	8.87	12.53	-3.66	8.83	8.66	8.53	8.87	-3.66
	7/18/2000		8.87	4.14	4.73				8.86	4.72
	9/18/2000		8.87	4.26	4.61				8.86	4.60
	10/27/2000		8.87	3.73	5.14				8.86	5.13
	11/28/2000		8.87	3.08	5.79				8.86	5.78
	12/27/2000		8.87	4.19	4.68				8.86	4.67
	1/30/2001		8.87	3.97	4.90				8.86	4.89
	2/28/2001		8.87	3.82	5.05				8.86	5.04
	3/28/2001		8.87	4.24	4.63				8.86	4.62
	5/4/2001		8.87	3.76	5.11				8.85	5.09
	5/31/2001		8.87	4.13	4.74				8.85	4.72
	6/11/2001		8.87	4.30	4.57				8.85	4.55
	7/31/2001		8.87	4.13	4.74				8.85	4.72
	8/30/2001		8.87	4.10	4.77				8.85	4.75
	9/24/2001		8.87	3.79	5.08				8.85	5.06
	10/30/2001		8.87	3.24	5.63				8.85	5.61
	11/28/2001		8.87	4.65	4.22				8.85	4.20
	12/26/2001		8.87	3.02	5.85				8.85	5.83
	1/7/2002		8.87	3.61	5.26				8.85	5.24
	2/15/2002		8.87	3.47	5.40				8.85	5.38
	3/18/2002		8.87	4.30	4.57				8.84	4.54
	4/30/2002		8.87	3.72	5.15				8.84	5.12
	5/30/2002		8.87	4.00	4.87				8.84	4.84
	6/19/2002		8.87	3.99	4.88				8.84	4.85
	7/14/2002		8.87	3.64	5.23				8.84	5.20
	8/10/2002		8.87	3.70	5.17				8.84	5.14
	9/21/2002		8.87	3.80	5.07				8.84	5.04
10/26/2002		8.87	3.78	5.09				8.84	5.06	

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Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California**

Well Design	Date Measured	Screened Lithology	TOC					Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)	
			Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	Elevation on 2/21/2003 (ft. MLLW)	Elevation on 7/3/2007 (ft. MLLW)			Elevation on 6/12/2013 (ft. MLLW)
GW-14a (cont.)	11/16/2002		8.87	3.30	5.57			8.84	5.54	
	12/13/2002		8.87	2.80	6.07			8.84	6.04	
	1/11/2003		8.87	2.99	5.88			8.83	5.84	
	2/8/2003		8.87	3.87	5.00			8.83	4.96	
	3/13/2003		8.87	3.83	5.04			8.83	5.00	
	4/19/2003		8.87	3.73	5.14			8.83	5.10	
	5/23/2003		8.87	3.99	4.88			8.83	4.84	
	6/24/2003		8.87	4.30	4.57			8.82	4.52	
	7/18/2003		8.87	3.95	4.92			8.82	4.87	
	8/2/2003		8.87	4.00	4.87			8.82	4.82	
	9/22/2003		8.87	3.79	5.08			8.81	5.02	
	10/11/2003		8.87	4.11	4.76			8.81	4.70	
	11/22/2003		8.87	3.16	5.71			8.81	5.65	
	12/7/2003		8.87	2.35	6.52			8.80	6.45	
	1/11/2004		8.87	3.45	5.42			8.80	5.35	
	2/8/2004		8.87	3.77	5.10			8.80	5.03	
	3/6/2004		8.87	3.76	5.11			8.79	5.03	
	4/10/2004		8.87	3.69	5.18			8.79	5.10	
	5/1/2004		8.87	4.00	4.87			8.79	4.79	
	6/6/2004		8.87	3.61	5.26			8.78	5.17	
	7/10/2004		8.87	4.02	4.85			8.78	4.76	
	8/1/2004		8.87	3.57	5.30			8.78	5.21	
	12/5/2004		8.87	3.71	5.16			8.76	5.05	
	3/5/2005		8.87	3.01	5.86			8.75	5.74	
	6/17/2005		8.87	3.91	4.96			8.74	4.83	
	9/17/2005		8.87	3.56	5.31			8.73	5.17	
	12/24/2005		8.87	3.03	5.84			8.72	5.69	
	3/11/2006		8.87	2.61	6.26			8.71	6.10	
	6/11/2006		8.87	3.58	5.29			8.70	5.12	
	9/24/2006		8.87	3.56	5.31			8.69	5.13	
	12/16/2006		8.87	2.57	6.30			8.68	6.11	
	3/17/2007		8.87	3.60	5.27			8.67	5.07	
	6/16/2007		8.87	3.42	5.45			8.66	5.24	
	8/26/2007		8.87	3.51	5.36			8.66	5.15	
	12/2/2007		8.87	3.80	5.07			8.65	4.85	
	3/9/2008		8.87	3.84	5.03			8.65	4.81	
	6/24/2008		8.87	3.91	4.96			8.64	4.73	
	9/30/2008		8.87	2.80	6.07			8.63	5.83	
	12/9/2008		8.87	3.25	5.62			8.63	5.38	
	3/12/2009		8.87	2.85	6.02			8.62	5.77	
6/24/2009		8.87	2.93	5.94			8.62	5.69		
9/9/2009		8.87	2.18	6.69			8.61	6.43		
12/29/2009		8.87	2.56	6.31			8.61	6.05		
3/9/2010		8.87	3.77	5.10			8.60	4.83		
6/28/2010		8.87	3.22	5.65			8.59	5.37		
9/24/2010		8.87	3.33	5.54			8.59	5.26		
12/27/2010		8.87	2.42	6.45			8.58	6.16		
3/28/2011		8.87	3.22	5.65			8.58	5.36		
5/6/2011		8.87	3.69	5.18			8.58	4.89		
9/30/2011		8.87	2.33	6.54			8.57	6.24		
11/10/2011		8.87	2.95	5.92			8.56	5.61		
3/3/2012		8.87	3.53	5.34			8.56	5.03		
5/18/2012		8.87	3.73	5.14			8.55	4.82		
12/20/2012		8.87	3.73	6.33			8.54	4.81		
3/8/2013		8.87	3.50	5.50			8.54	5.04		
6/26/2013		8.87	3.47	5.47			8.53	5.06		
9/12/2013		8.87	3.50	5.47			8.53	5.03		
12/30/2013		8.87	3.00	6.47			8.53	5.53		
GW-15a	2/7/2000	waste	9.66	4.45	5.21	9.62	9.37	9.18	9.66	5.21
	7/18/2000		9.66	4.11	5.55				9.65	5.54
	9/18/2000		9.66	4.31	5.35				9.65	5.34
	10/27/2000		9.66	4.23	5.43				9.65	5.42
	11/28/2000		9.66	3.41	6.25				9.65	6.24
	12/27/2000		9.66	4.33	5.33				9.65	5.32
	1/30/2001		9.66	3.93	5.73				9.65	5.72

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South San Francisco, California

Well Design	Date Measured	Screened Lithology	TOC					Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
			Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	Elevation on 2/21/2003 (ft. MLLW)	Elevation on 7/3/2007 (ft. MLLW)		
GW-15a	2/28/2001		9.66	3.91	5.75			9.65	5.74
(cont.)	3/28/2001		9.66	3.93	5.73			9.65	5.72
	5/4/2001		9.66	3.98	5.68			9.64	5.66
	5/31/2001		9.66	4.01	5.65			9.64	5.63
	6/11/2001		9.66	4.07	5.59			9.64	5.57
	7/31/2001		9.66	4.15	5.51			9.64	5.49
	8/30/2001		9.66	4.24	5.42			9.64	5.40
	9/24/2001		9.66	4.38	5.28			9.64	5.26
	10/30/2001		9.66	4.27	5.39			9.64	5.37
	11/28/2001		9.66	3.44	6.22			9.64	6.20
	12/26/2001		9.66	4.04	5.62			9.64	5.60
	1/7/2002		9.66	3.87	5.79			9.64	5.77
	2/15/2002		9.66	3.81	5.85			9.64	5.83
	3/18/2002		9.66	3.90	5.76			9.63	5.73
	4/30/2002		9.66	3.76	5.90			9.63	5.87
	5/30/2002		9.66	3.81	5.85			9.63	5.82
	6/19/2002		9.66	3.99	5.67			9.63	5.64
	7/14/2002		9.66	3.95	5.71			9.63	5.68
	8/10/2002		9.66	4.02	5.64			9.63	5.61
	9/21/2002		9.66	4.21	5.45			9.63	5.42
	10/26/2002		9.66	4.28	5.38			9.63	5.35
	11/16/2002		9.66	4.20	5.46			9.63	5.43
	12/13/2002		9.66	4.17	5.49			9.63	5.46
	1/11/2003		9.66	3.79	5.87			9.63	5.84
	2/8/2003		9.66	3.89	5.77			9.62	5.73
	3/13/2003		9.66	4.01	5.65			9.62	5.61
	4/19/2003		9.66	3.79	5.87			9.62	5.83
	5/23/2003		9.66	3.29	6.37			9.62	6.33
	6/24/2003		9.66	4.04	5.62			9.61	5.57
	7/18/2003		9.66	3.89	5.77			9.61	5.72
	8/2/2003		9.66	3.99	5.67			9.61	5.62
	9/22/2003		9.66	3.96	5.70			9.60	5.64
	10/11/2003		9.66	4.16	5.50			9.59	5.43
	11/22/2003		9.66	4.20	5.46			9.59	5.39
	12/7/2003		9.66	4.11	5.55			9.58	5.47
	1/11/2004		9.66	3.76	5.90			9.58	5.82
	2/8/2004		9.66	3.77	5.89			9.58	5.81
	3/6/2004		9.66	3.68	5.98			9.57	5.89
	4/10/2004		9.66	3.62	6.04			9.57	5.95
	5/1/2004		9.66	3.71	5.95			9.56	5.85
	6/6/2004		9.66	3.77	5.89			9.56	5.79
	7/10/2004		9.66	3.90	5.76			9.55	5.65
	8/1/2004		9.66	4.01	5.65			9.54	5.53
	12/5/2004		9.66	4.05	5.61			9.52	5.47
	3/5/2005		9.66	3.23	6.43			9.51	6.28
	6/17/2005		9.66	3.23	6.43			9.49	6.26
	9/17/2005		9.66	3.46	6.20			9.47	6.01
	12/24/2005		9.66	3.48	6.18			9.46	5.98
	3/11/2006		9.66	3.01	6.65			9.45	6.44
	6/11/2006		9.66	2.78	6.88			9.43	6.65
	9/24/2006		9.66	3.43	6.23			9.41	5.98
	12/16/2006		9.66	3.31	6.35			9.40	6.09
	3/17/2007		9.66	3.41	6.25			9.38	5.97
	6/16/2007		9.66	3.52	6.14			9.37	5.85
	8/26/2007		9.66	3.70	5.96			9.37	5.67
	12/2/2007		9.66	4.03	5.63			9.36	5.33
	3/9/2008		9.66	3.52	6.14			9.35	5.83
	6/24/2008		9.66	3.50	6.16			9.34	5.84
	9/30/2008		9.66	3.62	6.04			9.33	5.71
	12/9/2008		9.66	3.91	5.75			9.32	5.41
	3/12/2009		9.66	3.44	6.22			9.32	5.88
	6/24/2009		9.66	3.54	6.12			9.31	5.77
	9/9/2009		9.66	3.54	6.12			9.30	5.76
	12/29/2009		9.66	3.79	5.87			9.29	5.50
	3/9/2010		9.66	3.31	6.35			9.28	5.97
	6/28/2010		9.66	3.08	6.58			9.27	6.19

Notes:
 TOC = top of casing
 GW = groundwater
 Wells surveyed to Mean Low Low Water (MLLW) as established by NOS Tidal Benchmark Disc 12-1975

Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-15a (cont.)	9/24/2010		9.66	3.46	6.20				9.27	5.81
	12/27/2010		9.66	3.26	6.40				9.26	6.00
	3/28/2011		9.66	3.01	6.65				9.25	6.24
	5/6/2011		9.66	2.95	6.71				9.25	6.30
	9/30/2011		9.66	3.08	6.58				9.23	6.15
	11/10/2011		9.66	3.35	6.31				9.23	5.88
	3/3/2012		9.66	3.55	6.11				9.22	5.67
	5/18/2012		9.66	3.47	6.19				9.21	5.74
	12/20/2012		9.66	3.37	6.29				9.20	5.83
	3/8/2013		9.66	3.43	6.23				9.19	5.76
	6/26/2013		9.66	3.50	6.16				9.18	5.68
	9/12/2013		9.66	3.62	6.04				9.18	5.56
	12/30/2013		9.66	3.96	5.70				9.18	5.22
	GW-16a	2/7/2000	reworked clayey silt	9.35	3.52	5.83	9.26	9.02	8.76	9.35
7/18/2000			9.35	3.52	5.83				9.34	5.82
9/18/2000			9.35	3.76	5.59				9.33	5.57
10/27/2000			9.35	3.35	6.00				9.33	5.98
11/28/2000			9.35	3.23	6.12				9.33	6.10
12/27/2000			9.35	3.83	5.52				9.33	5.50
1/30/2001			9.35	3.86	5.49				9.32	5.46
2/28/2001			9.35	3.46	5.89				9.32	5.86
3/28/2001			9.35	3.72	5.63				9.32	5.60
5/4/2001			9.35	3.60	5.75				9.32	5.72
5/31/2001			9.35	3.67	5.68				9.31	5.64
6/11/2001			9.35	4.10	5.25				9.31	5.21
7/31/2001			9.35	3.50	5.85				9.31	5.81
8/30/2001			9.35	3.58	5.77				9.31	5.73
9/24/2001			9.35	3.80	5.55				9.31	5.51
10/30/2001			9.35	3.65	5.70				9.30	5.65
11/28/2001			9.35	3.25	6.10				9.30	6.05
12/26/2001			9.35	3.35	6.00				9.30	5.95
1/7/2002			9.35	3.54	5.81				9.30	5.76
2/15/2002			9.35	3.44	5.91				9.29	5.85
3/18/2002			9.35	3.67	5.68				9.29	5.62
4/30/2002			9.35	3.26	6.09				9.29	6.03
5/30/2002			9.35	3.35	6.00				9.29	5.94
6/19/2002			9.35	3.66	5.69				9.29	5.63
7/14/2002			9.35	3.30	6.05				9.28	5.98
8/10/2002			9.35	3.15	6.20				9.28	6.13
9/21/2002			9.35	3.43	5.92				9.28	5.85
10/26/2002			9.35	3.61	5.74				9.28	5.67
11/16/2002			9.35	3.44	5.91				9.27	5.83
12/13/2002			9.35	3.53	5.82				9.27	5.74
1/11/2003			9.35	3.23	6.12				9.27	6.04
2/8/2003			9.35	3.65	5.70				9.27	5.62
3/13/2003			9.35	3.92	5.43				9.29	5.37
4/19/2003			9.35	3.22	6.13				9.26	6.04
5/23/2003			9.35	3.65	5.70				9.25	5.60
6/24/2003			9.35	3.95	5.40				9.25	5.30
7/18/2003			9.35	3.50	5.85				9.25	5.75
8/2/2003		9.35	3.53	5.82				9.24	5.71	
9/22/2003		9.35	3.33	6.02				9.24	5.91	
10/11/2003		9.35	3.59	5.76				9.23	5.64	
11/22/2003		9.35	3.28	6.07				9.23	5.95	
12/7/2003		9.35	2.84	6.51				9.22	6.38	
1/11/2004		9.35	3.19	6.16				9.22	6.03	
2/8/2004		9.35	3.50	5.85				9.21	5.71	
3/6/2004		9.35	3.54	5.81				9.21	5.67	
4/10/2004		9.35	3.25	6.10				9.20	5.95	
5/1/2004		9.35	3.75	5.60				9.20	5.45	
6/6/2004		9.35	3.18	6.17				9.19	6.01	
7/10/2004		9.35	3.56	5.79				9.19	5.63	
8/1/2004		9.35	3.06	6.29				9.19	6.13	
12/5/2004		9.35	3.67	5.68				9.17	5.50	
3/5/2005		9.35	3.07	6.28				9.15	6.08	

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Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-16a (cont.)	6/17/2005		9.35	3.50	5.85				9.14	5.64
	9/17/2005		9.35	3.20	6.15				9.12	5.92
	12/24/2005		9.35	3.23	6.12				9.11	5.88
	3/11/2006		9.35	3.06	6.29				9.09	6.03
	6/11/2006		9.35	3.06	6.29				9.08	6.02
	9/24/2006		9.35	3.29	6.06				9.06	5.77
	12/16/2006		9.35	2.98	6.37				9.05	6.07
	3/17/2007		9.35	3.42	5.93				9.03	5.61
	6/16/2007		9.35	3.10	6.25				9.02	5.92
	8/26/2007		9.35	3.29	6.06				9.01	5.72
	12/2/2007		9.35	3.65	5.70				9.00	5.35
	3/9/2008		9.35	3.36	5.99				8.99	5.63
	6/24/2008		9.35	3.59	5.76				8.98	5.39
	9/30/2008		9.35	2.95	6.40				8.97	6.02
	12/9/2008		9.35	3.09	6.26				8.96	5.87
	3/12/2009		9.35	2.90	6.45				8.95	6.05
	6/24/2009		9.35	2.86	6.49				8.93	6.07
	9/9/2009		9.35	2.71	6.64				8.92	6.21
	12/29/2009		9.35	2.83	6.52				8.91	6.08
	3/9/2010		9.35	3.60	5.75				8.90	5.30
	6/28/2010		9.35	3.11	6.24				8.89	5.78
	9/24/2010		9.35	3.23	6.12				8.88	5.65
	12/27/2010		9.35	2.75	6.60				8.87	6.12
	3/28/2011		9.35	3.24	6.11				8.86	5.62
	5/6/2011		9.35	3.30	6.05				8.85	5.55
	9/30/2011		9.35	2.55	6.80				8.83	6.28
	11/10/2011		9.35	2.98	6.37				8.83	5.85
	3/3/2012		9.35	3.42	5.93				8.82	5.40
	5/18/2012		9.35	3.39	5.96				8.81	5.42
	12/20/2012		9.35	2.40	6.95				8.78	6.38
3/8/2013		9.35	3.22	6.13				8.77	5.55	
6/26/2013		9.35	3.12	6.23				8.76	5.64	
9/12/2013		9.35	3.34	6.01				8.76	5.42	
12/30/2013		9.35	3.02	6.33				8.76	5.74	
GW-17a	2/7/2000	waste	10.22	6.13	4.09	10.08	9.75	9.42	10.22	4.09
	7/18/2000		10.22	6.48	3.74				10.20	3.72
	9/18/2000		10.22	4.77	5.45				10.19	5.42
	10/27/2000		10.22	4.84	5.38				10.19	5.35
	11/28/2000		10.22	4.67	5.55				10.19	5.52
	12/27/2000		10.22	4.91	5.31				10.18	5.27
	1/30/2001		10.22	4.91	5.31				10.18	5.27
	2/28/2001		10.22	4.55	5.67				10.17	5.62
	3/28/2001		10.22	4.30	5.92				10.17	5.87
	5/4/2001		10.22	4.51	5.71				10.17	5.66
	5/31/2001		10.22	4.56	5.66				10.16	5.60
	6/11/2001		10.22	4.55	5.67				10.16	5.61
	7/31/2001		10.22	4.66	5.56				10.16	5.50
	8/30/2001		10.22	4.77	5.45				10.15	5.38
	9/24/2001		10.22	4.80	5.42				10.15	5.35
	10/30/2001		10.22	4.78	5.44				10.15	5.37
	11/28/2001		10.22	4.62	5.60				10.14	5.52
	12/26/2001		10.22	4.62	5.60				10.14	5.52
	1/7/2002		10.22	4.27	5.95				10.14	5.87
	2/15/2002		10.22	4.24	5.98				10.13	5.89
	3/18/2002		10.22	4.34	5.88				10.13	5.79
	4/30/2002		10.22	4.23	5.99				10.13	5.90
	5/30/2002		10.22	4.29	5.93				10.12	5.83
	6/19/2002		10.22	4.28	5.94				10.12	5.84
	7/14/2002		10.22	4.49	5.73				10.12	5.63
	8/10/2002		10.22	4.51	5.71				10.11	5.60
	9/21/2002		10.22	4.70	5.52				10.11	5.41
	10/26/2002		10.22	4.72	5.50				10.10	5.38
11/16/2002		10.22	4.77	5.45				10.10	5.33	
12/13/2002		10.22	4.78	5.44				10.10	5.32	
1/11/2003		10.22	4.57	5.65				10.10	5.53	

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						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
GW-17a (cont.)	2/9/2003		10.22	4.31	5.91				10.09	5.78
	3/13/2003		10.22	4.17	6.05				10.08	5.91
	4/19/2003		10.22	4.27	5.95				10.08	5.81
	5/23/2003		10.22	4.14	6.08				10.07	5.93
	6/24/2003		10.22	4.45	5.77				10.07	5.62
	7/18/2003		10.22	4.37	5.85				10.06	5.69
	8/2/2003		10.22	4.39	5.83				10.06	5.67
	9/22/2003		10.22	4.44	5.78				10.05	5.61
	10/11/2003		10.22	4.56	5.66				10.04	5.48
	11/22/2003		10.22	4.63	5.59				10.03	5.40
	12/7/2003		10.22	4.60	5.62				10.03	5.43
	1/11/2004		10.22	4.19	6.03				10.02	5.83
	2/8/2004		10.22	4.19	6.03				10.02	5.83
	3/6/2004		10.22	4.17	6.05				10.01	5.84
	4/10/2004		10.22	4.00	6.22				10.00	6.00
	5/1/2004		10.22	4.15	6.07				10.00	5.85
	6/6/2004		10.22	4.16	6.06				9.99	5.83
	7/10/2004		10.22	4.36	5.86				9.98	5.62
	8/1/2004		10.22	4.37	5.85				9.98	5.61
	12/5/2004		10.22	4.45	5.77				9.95	5.50
	3/5/2005		10.22	3.70	6.52				9.93	6.23
	6/17/2005		10.22	3.50	6.72				9.91	6.41
	9/17/2005		10.22	3.82	6.40				9.89	6.07
	12/24/2005		10.22	3.97	6.25				9.87	5.90
	3/11/2006		10.22	3.30	6.92				9.85	6.55
	6/11/2006		10.22	2.97	7.25				9.83	6.86
	9/24/2006		10.22	3.76	6.46				9.81	6.05
	12/16/2006		10.22	3.64	6.58				9.79	6.15
	3/17/2007		10.22	3.73	6.49				9.77	6.04
	6/16/2007		10.22	3.95	6.27				9.75	5.80
	8/26/2007		10.22	3.98	6.24				9.74	5.76
	12/2/2007		10.22	4.40	5.82				9.73	5.33
	3/9/2008		10.22	3.65	6.57				9.71	6.06
	6/24/2008		10.22	3.98	6.24				9.70	5.72
	9/30/2008		10.22	4.01	6.21				9.68	5.67
12/9/2008		10.22	4.23	5.99				9.67	5.44	
3/12/2009		10.22	3.84	6.38				9.66	5.82	
6/24/2009		10.22	3.92	6.30				9.64	5.72	
9/9/2009		10.22	3.83	6.39				9.63	5.80	
12/29/2009		10.22	4.03	6.19				9.61	5.58	
3/9/2010		10.22	3.59	6.63				9.60	6.01	
6/28/2010		10.22	3.25	6.97				9.58	6.33	
9/24/2010		10.22	3.70	6.52				9.57	5.87	
12/27/2010		10.22	3.57	6.65				9.56	5.99	
3/28/2011		10.22	UNDER WATER					9.54		
5/6/2011		10.22	3.00	7.22				9.54	6.54	
9/30/2011		10.22	3.42	6.80				9.51	6.09	
11/10/2011		10.22	3.43	6.79				9.51	6.08	
3/3/2012		10.22	3.74	6.48				9.49	5.75	
5/18/2012		10.22	3.69	6.53				9.48	5.79	
12/20/2012		10.22	3.60	6.62				9.45	5.85	
3/8/2013		10.22	3.56	6.66				9.43	5.87	
6/26/2013		10.22	3.82	6.40				9.42	5.60	
9/12/2013		10.22	3.83	6.39				9.42	5.59	
12/30/2013		10.22	4.13	6.09				9.42	5.29	
MW-5	2/7/2000	waste	22.45	16.90	5.55	22.44	22.29	22.24	22.55	5.65
	7/18/2000		22.45	17.15	5.30				22.53	5.38
	9/18/2000		22.45	17.27	5.18				22.52	5.25
	10/27/2000		22.45	17.36	5.09				22.52	5.16
	11/28/2000		22.45	17.25	5.20				22.52	5.27
	12/27/2000		22.45	16.77	5.68				22.51	5.74
	1/30/2001		22.45	17.14	5.31				22.51	5.37
	2/28/2001		22.45	16.18	6.27				22.51	6.33
3/28/2001		22.45	16.35	6.10				22.51	6.16	

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					Original GW Elevation (ft. MLLW)	on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)		
MW-5	5/4/2001		22.45	16.83	5.62			22.50	5.67
(cont.)	5/31/2001		22.45	17.08	5.37			22.50	5.42
	6/11/2001		22.45	17.08	5.37			22.50	5.42
	7/31/2001		22.45	17.31	5.14			22.49	5.18
	8/30/2001		22.45	17.29	5.16			22.49	5.20
	9/24/2001		22.45	17.34	5.11			22.49	5.15
	10/30/2001		22.45	17.33	5.12			22.49	5.16
	11/28/2001		22.45	17.27	5.18			22.48	5.21
	12/26/2001		22.45	16.42	6.03			22.48	6.06
	2/15/2002		22.45	16.46	5.99			22.48	6.02
	3/18/2002		22.45	16.64	5.81			22.47	5.83
	4/30/2002		22.45	16.81	5.64			22.47	5.66
	5/30/2002		22.45	16.89	5.56			22.47	5.58
	6/19/2002		22.45	17.06	5.39			22.46	5.40
	7/14/2002		22.45	17.20	5.25			22.46	5.26
	8/10/2002		22.45	17.30	5.15			22.46	5.16
	9/21/2002		22.45	17.42	5.03			22.45	5.03
	10/26/2002		22.45	17.47	4.98			22.45	4.98
	11/16/2002		22.45	17.40	5.05			22.45	5.05
	12/13/2002		22.45	17.54	4.91			22.45	4.91
	1/11/2003		22.45	16.17	6.28			22.44	6.27
	2/8/2003		22.45	16.46	5.99			22.44	5.98
	3/13/2003		22.45	16.68	5.77			22.44	5.76
	4/19/2003		22.45	16.85	5.60			22.44	5.59
	5/23/2003		22.45	16.86	5.59			22.43	5.57
	6/24/2003		22.45	17.01	5.44			22.43	5.42
	7/18/2003		22.45	17.08	5.37			22.43	5.35
	8/2/2003		22.45	17.05	5.40			22.43	5.38
	9/22/2003		22.45	17.05	5.40			22.42	5.37
	10/11/2003		22.45	17.22	5.23			22.42	5.20
	11/22/2003		22.45	17.34	5.11			22.42	5.08
	12/7/2003		22.45	17.35	5.10			22.41	5.06
	1/11/2004		22.45	16.06	6.39			22.41	6.35
	2/8/2004		22.45	16.34	6.11			22.41	6.07
	3/6/2004		22.45	15.89	6.56			22.41	6.52
	4/10/2004		22.45	16.47	5.98			22.40	5.93
	5/1/2004		22.45	16.73	5.72			22.40	5.67
	6/6/2004		22.45	16.93	5.52			22.40	5.47
	7/10/2004		22.45	17.07	5.38			22.39	5.32
	8/1/2004		22.45	17.21	5.24			22.39	5.18
	12/5/2004		22.45	17.12	5.33			22.38	5.26
	3/5/2005		22.45	15.41	7.04			22.37	6.96
	6/17/2005		22.45	16.20	6.25			22.36	6.16
	9/17/2005		22.45	16.69	5.76			22.35	5.66
	12/24/2005		22.45	16.70	5.75			22.34	5.64
	3/11/2006		22.45	15.46	6.99			22.34	6.88
	6/11/2006		22.45	15.80	6.65			22.33	6.53
	9/24/2006		22.45	16.58	5.87			22.32	5.74
	12/16/2006		22.45	16.49	5.96			22.31	5.82
	3/17/2007		22.45	DRY				22.30	
	6/16/2007		22.45	16.62	5.83			22.29	5.67
	8/26/2007		22.45	16.83	5.62			22.29	5.46
	12/2/2007		22.45	17.04	5.41			22.29	5.25
	3/9/2008		22.45	15.68	6.77			22.29	6.61
	6/24/2008		22.45	16.61	5.84			22.29	5.68
	9/30/2008		22.45	16.99	5.46			22.28	5.29
	12/9/2008		22.45	17.10	5.35			22.28	5.18
	3/12/2009		22.45	16.66	5.79			22.28	5.62
	6/24/2009		22.45	16.73	5.72			22.28	5.55
	9/9/2009		22.45	16.72	5.73			22.27	5.55
	12/29/2009		22.45	16.85	5.60			22.27	5.42
	3/9/2010		22.45	15.01	7.44			22.27	7.26
	6/28/2010		22.45	16.10	6.35			22.27	6.17
	9/24/2010		22.45	16.55	5.90			22.27	5.72

Notes:
 TOC = top of casing
 GW = groundwater
 Wells surveyed to Mean Low Low Water (MLLW) as established by NOS Tidal Benchmark Disc 12-1975

Table 3
Groundwater and Leachate Elevation
Former Oyster Point Landfill
South San Francisco, California

Well Design	Date Measured	Screened Lithology	Original TOC Elevation (ft. MLLW)	Depth to Groundwater (feet)	Original GW Elevation (ft. MLLW)	TOC Elevation			Adjusted TOC Elevations (ft. MLLW)	New GW Elevations (ft. MLLW)
						on 2/21/2003 (ft. MLLW)	on 7/3/2007 (ft. MLLW)	on 6/12/2013 (ft. MLLW)		
MW-5	12/27/2010		22.45	15.43	7.02			22.26	6.83	
(cont.)	3/28/2011		22.45	14.73	7.72			22.26	7.53	
	5/6/2011		22.45	15.38	7.07			22.26	6.88	
	9/30/2011		22.45	16.39	6.06			22.26	5.87	
	11/10/2011		22.45	16.53	5.92			22.26	5.73	
	3/3/2012		22.45	16.65	5.80			22.25	5.60	
	5/18/2012		22.45	16.31	6.14			22.25	5.94	
	12/20/2012		22.45	15.22	7.23			22.25	7.03	
	3/8/2013		22.45	16.13	6.32			22.25	6.12	
	6/26/2013		22.45	16.58	5.87			22.24	5.66	
	9/12/2013		22.45	16.74	5.71			22.24	5.50	
	12/30/2013		22.45	DRY				22.24		

Notes:
 TOC = top of casing
 GW = groundwater
 Wells surveyed to Mean Low Low Water (MLLW) as established by NOS Tidal Benchmark Disc 12-1975

Table 4
Water Quality Sample Analytical Reports
Former Oyster Point Landfill
South San Francisco, California

Well Designation	Date Collected	Benzene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Chorobenzene (ug/L)	Naphthalene (ug/L)
GW-1a	7/21/1999	20.6	313	573.8	138	77
	12/27/2000	52.1	<10.0	<10.0	<10.0	62.5
	3/29/2001	56.9	108	424.9	87.1	66.4
	6/11/2001	39.7	124	405.5	90.2	50.0
	9/24/2001	50.7	133	537	115	66.0
	12/26/2001	48	79	330	87	68
	6/19/2002	49	46	356	90	73
	12/13/2002	54	41	291	86	84
	6/24/2003	44	37	331	95	93
	12/18/2003	51	38	281	90	80
	6/21/2004	47	25	244	78	90
	12/16/2004	48	23	76	70	75
	12/28/2005	44	21	234	77	96
	12/1/2006	52	18	248	83	96
	12/5/2007	55	6.1	153	67	79
	12/11/2008	54	<20	120	63	92
	12/30/2009	55	3.3	91	60	98
	1/7/2011	90	2.8	95	61	130
	11/14/2011	80	3.2	71	64	96
	1/8/2013	89	<5.0	33	58	94
1/7/2014	90	1.9	34	64	93	
GW-2b (Point of Compliance)	7/27/1999	<0.5	<0.5	<0.5	<0.5	<1.0
	12/27/2000	0.820	<0.5	0.590	<0.5	<1.0
	3/28/2001	<0.5	<0.5	0.520	<0.5	<1.0
	6/11/2001	0.58	<0.5	<0.5	<0.5	<1.0
	9/24/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0
	3/18/2002	<5.0	<5.0	26	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	9/25/2002	<0.5	<0.5	<0.5	<0.5	<2.0
	12/13/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	3/13/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	9/22/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	<0.5	<0.5	0.7	<0.5	<2.0
	3/23/2004	<0.5	<0.5	0.8	<0.5	<2.0
	6/21/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	9/23/04***	<0.5	<0.5	<0.5	<0.5	<2.0
	12/16/2004	<5.0	<5.0	<5.0	<0.5	<5.0
	6/23/2005	<0.5	<0.5	<0.5	<0.5	<2.0
	12/28/2005	<0.5	<0.5	<0.5	<0.5	<5.0
	6/28/2006	<0.5	<0.5	<0.5	<0.5	<5.0
	12/1/2006	<0.5	<0.5	0.7	<0.5	<5.0
	6/18/2007	<0.5	<0.5	<0.5	<0.5	<5.0
	12/5/2007	<0.5	0.8	3.2	<0.5	<2.0
	6/24/2008	<0.5	<0.5	<0.5	<1.0	<2.0
	12/11/2008	<0.5	<0.5	<1.0	<0.5	<1.0
	12/30/2009	<0.5	<0.5	<1.0	<0.5	<1.0
6/29/2010	<0.5	<0.5	<1.0	<0.5	<1.0	
1/7/2011	<0.5	<0.5	<1.0	<0.5	<1.0	
5/10/2011	<0.5	<0.5	<1.0	<0.5	<1.0	
11/14/2011	<0.5	<0.5	<1.0	<0.5	<1.0	
5/22/2012	<0.5	<0.5	<1.0	<0.5	<1.0	
1/11/2013	<0.5	<0.5	<1.0	<0.5	<1.0	
6/27/2013	<0.5	<0.5	<1.0	<0.5	<1.0	
1/6/2014	<0.5	<0.5	<1.0	<0.5	<1.0	
GW-3a	7/21/1999	48	566	2,770	207	423
	12/27/2000	64.0	580	3,018	211	130
	3/29/2001	<50.0	517	2,224	88.7	<100
	6/11/2001	63.5	600	2,883	209	134
	9/24/2001	56	624	3,045	202	133
	12/26/2001	45	410	2,160	170	100
	6/19/2002	39	570	3,800	150	80

Table 4
 Water Quality Sample Analytical Reports
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Well Designation	Date Collected	Benzene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Chorobenzene (ug/L)	Naphthalene (ug/L)
GW-3a (cont.)	12/13/2002	41	420	2,780	150	99
	6/24/2003	42	580	2,580	160	140
	12/18/2003	53	350	2,540	190	130
	6/21/2004	55	360	2,610	190	140
	12/16/2004	<71	130	2,140	190	140
	12/28/2005	50	440	2,000	210	140
	12/1/2006	70	510	2,350	240	140
	12/5/2007	58	400	1,900	200	98
	12/10/2008	50	380	1,500	200	110
	1/4/2010	46	420	1,600	180	110
	1/7/2011	48	380	1,400	190	120
	11/14/2011	45	390	1,500	210	95
	1/4/2013	41	380	1,200	170	100
	1/3/2014	50	360	1,100	220	120
GW-4a (Point of Compliance)	7/21/1999	<0.5	<0.5	<0.5	<0.5	<1.0
	12/27/2000	<0.5	<0.5	<0.5	<0.5	<1.0
	3/29/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	6/11/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	9/24/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0
	3/18/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	9/25/2002	<0.5	<0.5	<0.5	<0.5	<2.0
	12/13/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	3/13/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	9/22/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	<0.5	<0.5	<0.5	<0.5	<2.0
	3/23/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	6/21/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	9/23/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	12/16/2004	<5.0	<5.0	<5.0	<5.0	<5.0
	6/23/2005	<0.5	<0.5	<0.5	<0.5	<2.0
	12/28/2005	<0.5	<0.5	<0.5	<0.5	<5.0
	6/28/2006	<0.5	<0.5	<0.5	<0.5	<5.0
	12/1/2006	<0.5	<0.5	<0.5	<0.5	<5.0
	6/18/2007	<0.5	<0.5	<0.5	<0.5	<5.0
	12/5/2007	<0.5	<0.5	<1.0	<0.5	<2.0
6/24/2008	<0.5	<0.5	<1.0	<0.5	<2.0	
12/10/2008	<0.5	<0.5	<1.0	<0.5	<1.0	
1/4/2010	<0.5	<0.5	<1.0	<0.5	<1.0	
7/1/2010	<0.5	<0.5	<1.0	<0.5	<1.0	
1/6/2011	<0.5	<0.5	<1.0	<0.5	<1.0	
5/9/2011	<0.5	<0.5	<1.0	<0.5	<1.0	
11/14/2011	<0.5	<0.5	<1.0	<0.5	<1.0	
5/22/2012	<0.5	<0.5	<1.0	<0.5	<1.0	
1/4/2013	<0.5	<0.5	<1.0	<0.5	<1.0	
6/27/2013	<0.5	<0.5	<1.0	<0.5	<1.0	
1/3/2014	<0.5	<0.5	<1.0	<0.5	<1.0	
GW-5a (Point of Compliance)	7/21/1999	<0.5	<0.5	<0.5	<0.5	<1.0
	12/27/2000	<0.5	<0.5	<0.5	<0.5	<1.0
	3/29/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	6/11/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	9/24/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0
	3/18/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	9/25/2002	<0.5	<0.5	<0.5	<0.5	<2.0
	12/13/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	3/13/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	9/22/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	<0.5	<0.5	<0.5	<0.5	<2.0

Table 4
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Well Designation	Date Collected	Benzene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Chorobenzene (ug/L)	Naphthalene (ug/L)
GW-5a (cont.)	3/23/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	6/21/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	9/23/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	12/16/2004	<5.0	<5.0	<5.0	<5.0	<5.0
	6/23/2005	<0.5	<0.5	<0.5	<0.5	<2.0
	12/28/2005	<0.5	<0.5	<0.5	<0.5	<5.0
	6/28/2006	<0.5	<0.5	<0.5	<0.5	<5.0
	12/1/2006	<0.5	<0.5	<0.5	<0.5	<5.0
	6/18/2007	<0.5	<0.5	<0.5	<0.5	<5.0
	12/5/2007	<0.5	<0.5	<1.0	<0.5	<2.0
	6/24/2008	<0.5	<0.5	<1.0	<0.5	<2.0
	12/11/2008	<0.5	<0.5	<1.0	<0.5	<1.0
	1/5/2010	<0.5	<0.5	<1.0	<0.5	<1.0
	7/1/2010	<0.5	<0.5	<1.0	<0.5	<1.0
	1/6/2011	<0.5	<0.5	<1.0	<0.5	<1.0
	5/9/2011	<0.5	<0.5	<1.0	<0.5	<1.0
	11/15/2011	<0.5	<0.5	<1.0	<0.5	<1.0
5/22/2012	<0.5	<0.5	<1.0	<0.5	<1.0	
1/4/2013	<0.5	<0.5	<1.0	<0.5	<1.0	
6/27/2013	<0.5	<0.5	<1.0	<0.5	<1.0	
1/3/2014	<0.5	<0.5	<1.0	<0.5	<1.0	
GW-6a (Point of Compliance)	6/18/2007	12.3	33.5	5.32	27.7	79.4
	12/5/2007	35.9	32.2	8.49	28.7	48.2
	3/29/2001	52.6	24.3	<5.0	19.3	42.8
	6/11/2001	52.5	19.8	2.47	15.0	45.7
	9/24/2001	44.4	62.4	<5.0	43.1	32
	12/26/2001	31	29	<5.0	23	29
	3/18/2002	50	35	<5.0	26	32
	6/19/2002	39	47	<5.0	34	18
	12/13/2002	35	37	<5.0	23	17
	6/24/2003	40	45	<5.0	34	25
	12/18/2003	32	39	3.0	29	14
	6/21/2004	39	47	4.5	36	9.2
	12/16/2004	28	51	<5.0	40	6.6
	6/23/2005	54	26	4.4	22	18
	12/28/2005	39	30	6.5	26	5.3
	6/28/2006	60	37	8.5	34	14
	12/1/2006	40	41	10.5	36	5.4
	6/18/2007	51	45	18.2	34	7.2
	12/5/2007	27	46	14	34	7.2
	6/24/2008	32	43	14	36	<20
12/11/2008	30	23	<10	17	<10	
1/4/2010	27	25	5.7	16	2.4	
7/1/2010	32	44	13	38	10	
1/6/2011	37	14	2.7	12	8.6	
5/10/2011	43	19	7.2	19	11	
11/15/2011	32	34	13	33	5.3	
5/24/2012	25	55	24	42	5.8	
1/4/2013	23	65	24	50	<10	
6/27/2013	22	70	32	58	<10	
1/6/2014	24	57	23	42	4.4	
GW-7a (Point of Compliance)	7/21/1999	<0.5	<0.5	<0.5	<0.5	<1.0
	12/27/2000	<0.5	<0.5	<0.5	<0.5	<1.0
	3/28/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	6/11/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	9/24/2001	<0.5	<0.5	<0.5	<0.5	<1.0
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	12/13/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	<0.5	<0.5	<0.5	<0.5	<2.0
	6/21/2004	<0.5	<0.5	<0.5	<0.5	<2.0
	12/16/2004	<5.0	<5.0	<5.0	<5.0	<5.0
	6/23/2005	<0.5	<0.5	<0.5	<0.5	<2.0
	12/28/2005	<0.5	<0.5	<0.5	<0.5	<5.0
	6/28/2006	<0.5	<0.5	<0.5	<0.5	<5.0
12/1/2006	<0.5	<0.5	<0.5	<0.5	<5.0	

Table 4
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Well Designation	Date Collected	Benzene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Chorobenzene (ug/L)	Naphthalene (ug/L)
GW-7a (cont.)	6/18/2007	<0.5	<0.5	<0.5	<0.5	<5.0
	12/5/2007	<0.5	<0.5	<1.0	<0.5	<2.0
	6/24/2008	<0.5	<0.5	<1.0	<0.5	<2.0
	12/10/2008	<0.5	<0.5	<1.0	<0.5	<1.0
	12/30/2009	<0.5	<0.5	<1.0	<0.5	<1.0
	6/29/2010	<0.5	<0.5	<1.0	<0.5	<1.0
	1/6/2011	<0.5	<0.5	<1.0	<0.5	<1.0
	5/9/2011	<0.5	<0.5	<1.0	<0.5	<1.0
	11/10/2011	<0.5	<0.5	<1.0	<0.5	<1.0
	5/22/2012	<0.5	<0.5	<1.0	<0.5	<1.0
	1/4/2013	<0.5	<0.5	<1.0	<0.5	<1.0
	6/28/2013	<0.5	<0.5	<1.0	<0.5	<1.0
	1/3/2014	<0.5	<0.5	<1.0	<0.5	<1.0
	GW-10a	7/27/1999	46.3	33.3	56.8	126
12/27/2000		33.6	23	28.3	89.1	2,790
3/29/2001		<50.00	<50.0	<50.0	83.9	2,000
6/11/2001		<50.00	<50.0	<50.0	<10.0	3,370
9/24/2001		47.8	60.6	<40.0	123	4,690
12/26/2001		31	19	26.7	95	1,400
6/19/2002		<50	<50	<50	94	1,200
12/13/2002		<50	<50	<50	93	1,300
6/24/2003		<36	<36	<36	94	480
12/18/2003		36	7.1	11.2	110	680
6/21/2004		29	5.6	8.9	94	470
12/16/2004		27	9.7	7.4	83	780 (1)
12/28/2005		28	12	11.3	80	1,100
12/1/2006		20	<4.2	<4.2	63	520
12/5/2007		44	54	<50	120	4,000
12/10/2008		<50	53	<100	140	3,600
12/30/2009		<50	<50	<100	110	3,300
1/10/2011		26	1.6	2.7	70	91
11/10/2011		32	45	31	85	3,400
1/8/2013		37	40	<50	100	3,000
1/3/2014	38	38	<50	110	2,400	
GW-11a (Point of Compliance)	7/21/1999	6.24	0.66	1.44	28.6	143
	12/27/2000	2.04	<0.5	1.45	30.4	8.39
	3/29/2001	2.89	<0.5	0.830	29.0	4.53
	6/11/2001	2.83	<0.5	1.36	30.3	5.96
	9/24/2001	2.35	<0.5	0.95	34.7	4.63
	12/26/2001	<5.0	<5.0	<5.0	31	<5.0
	6/19/2002	<5.0	<5.0	<5.0	33	<5.0
	12/13/2002	<5.0	<5.0	<5.0	33	<5.0
	6/24/2003	<5.0	<5.0	<5.0	40	<5.0
	12/18/2003	1.3	<0.5	0.8	32	<2.0
	6/21/2004	1.4	<0.5	0.9	35	<2.0
	12/16/2004	<5.0	<5.0	<5.0	34	<5.0
	6/23/2005	1.7	<0.5	0.8	40	<2.0
	12/28/2005	0.7	<0.5	0.9	37	<5.0
	6/28/2006	1.2	<0.5	0.8	42	7.2
	12/1/2006	1.1	<0.5	1.0	39	<5.0
	6/18/2007	1.1	<0.5	0.9	37	<5.0
	12/5/2007	<2.5	<2.5	<5.0	28	<1.0
	6/24/2008	<1.0	<1.0	<1.0	32	<4.0
	12/11/2008	<5.0	<5.0	<1.0	26	<1.0
12/29/2009	0.86	<0.5	<1.0	30	2.0	
6/29/2010	0.98	<0.5	1.0	35	3.3	
1/6/2011	1.1	<0.5	1.0	36	1.5	
5/9/2011	1.2	<0.5	<1.0	37	3.5	
11/14/2011	1.1	<0.5	1.3	38	1.4	
5/24/2012	1.1	<0.5	<1.0	36	8.6	
1/8/2013	0.96	<0.5	<1.0	34	3.0	
6/28/2013	1.0	<0.5	<1.0	35	4.2	
1/3/2014	0.9	<0.5	<1.0	32	<1.0	
GW-12a	2/7/2000	239	41.2	<20.0	765	174
	12/27/2000	62.6	<5.0	<5.0	84.7	24.1
	3/29/2001	84.6	<5.0	<5.0	146	23.5

Table 4
Water Quality Sample Analytical Reports
Former Oyster Point Landfill
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Well Designation	Date Collected	Benzene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Chorobenzene (ug/L)	Naphthalene (ug/L)
GW-12a (cont.)	6/11/2001	67.7	<2.5	<2.5	106	20.7
	9/24/2001	166	<20.0	<20.0	223	106
	12/26/2001	71	<5.0	<5.0	130	18
	6/19/2002	86	<5.0	<5.0	150	23
	12/13/2002	110	<5.0	<5.0	140	22
	6/24/2003	81	<5.0	<5.0	96	26
	12/18/2003	84	0.7	2.2	90	12
	6/21/2004	87	0.8	0.8	98	11
	12/16/2004	70	<7.1	<7.1	100	12
	12/28/2005	62	0.5	0.5	59	5.4
	12/1/2006	77	0.6	1.6	100	7.9
	12/5/2007	65	<1.0	<2.0	86	6.0
	12/10/2008	39	<1.0	<2.0	61	4.2
	12/30/2009	53	<0.5	<1.0	81	9.3
	1/10/2011	83	<1.0	<2.0	140	9.6
	11/12/2011	73	0.67	1.3	110	5.1
	1/4/2013	58	<0.5	<1.0	110	4.2
	1/3/2014	33	<1.0	<2.0	71	<2.0
	GW-13a	2/7/2000	22.4	0.740	2.77	97.9
12/27/2000		29.8	<5.0	<5.0	113	<10.0
3/28/2001		21.6	<5.0	<5.0	110	<10.0
6/11/2001		25.9	<2.5	<2.5	104	<5.0
9/24/2001		29.8	<10.0	<10.0	112	26.8
12/26/2001		22	<5.0	<5.0	110	<5.0
6/19/2002		29	<5.0	<5.0	120	<5.0
12/13/2002		34	<5.0	<5.0	120	<5.0
6/24/2003		30	<5.0	<5.0	120	<5.0
12/18/2003		37	<0.5	0.5	130	<2.0
6/21/2004		38	<0.7	<0.7	110	<2.9
12/16/2004		31	<7.1	<7.1	110	<7.1
12/28/2005		25	<0.7	<0.7	100	<7.1
12/1/2006		32	<0.7	<0.7	120	<7.1
12/5/2007		33	<1.0	<2.0	110	<4.0
12/11/2008		20	<2.0	<4.0	100	<4.0
1/4/2010		15	<2.5	<5.0	110	<5.0
1/7/2011		21	<2.5	<5.0	120	<5.0
11/15/2011		10	<2.5	<5.0	120	<5.0
1/8/2013	14	<0.5	<1.0	250	<1.0	
1/6/2014	6.1	<1.0	<2.0	110	<2.0	
GW-14a (Point of Compliance)	2/7/2000	0.640	<0.5	<0.5	15.5	<1.0
	12/27/2000	0.630	<0.5	<0.5	21.7	<1.0
	3/28/2001	0.500	<0.5	<0.5	11.7	<1.0
	6/11/2001	0.56	<0.5	<0.5	14.4	<1.0
	9/24/2001	0.54	<0.5	<0.5	17	<1.0
	12/26/2001	<5.0	<5.0	<5.0	12	<5.0
	6/19/2002	<5.0	<5.0	<5.0	12	<5.0
	12/13/2002	<5.0	<5.0	<5.0	9.4	<5.0
	6/24/03*	<5.0	<5.0	<5.0	13	<5.0
	12/18/2003	<0.5	<0.5	<0.5	7.0	<2.0
	6/21/2004**	<0.5	<0.5	<0.5	15	<2.0
	12/16/2004	<5.0	<5.0	<5.0	11	<5.0
	6/23/2005	<0.5	<0.5	<0.5	12	<2.0
	12/28/2005	<0.5	<0.5	<0.5	11	<5.0
	6/28/2006	0.5	<0.5	<0.5	8.0	<5.0
	12/1/2006	0.5	<0.5	<0.5	8.8	<5.0
	6/18/2007	0.5	<0.5	<0.5	5.7	<5.0
	12/5/2007	<0.5	<0.5	<1.0	8.2	<2.0
	6/24/2008	<1.0	<1.0	<1.0	7.6	<4.0
12/11/2008	<1.0	<1.0	<2.0	8.5	<2.0	
1/4/2010	<0.5	<0.5	<1.0	3.4	<1.0	
6/29/2010	<0.5	<0.5	<1.0	9.6	<1.0	
1/6/2011	<0.5	<0.5	<1.0	5.2	<1.0	
5/9/2011	<0.5	<0.5	<1.0	8.9	<1.0	
11/15/2011	<0.5	<0.5	<1.0	6.3	<1.0	
5/24/2012	<0.5	<0.5	<1.0	5.4	<1.0	
1/8/2013	<0.5	<0.5	<1.0	5.2	<1.0	

Table 4
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Former Oyster Point Landfill
South San Francisco, California

Well Designation	Date Collected	Benzene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Chorobenzene (ug/L)	Naphthalene (ug/L)
GW-14a	6/28/2013	<0.5	<0.5	<1.0	6.7	<1.0
(cont.)	1/6/2014	<0.5	<0.5	<1.0	5.7	<1.0
GW-15a (Point of Compliance)	2/7/2000	6.32	<0.5	1.78	16.9	64.3
	12/27/2000	1.91	2.29	11.94	11.3	13.5
	3/29/2001	3.49	<0.5	<0.5	11.4	19.6
	6/11/2001	7.19	<1.0	<1.0	17.6	80.0
	9/24/2001	3.93	<0.5	<0.5	19.1	11.9
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	7.7	<5.0	<5.0	23	59
	12/13/2002	<5.0	<5.0	<5.0	22	<5.0
	6/24/2003	5.7	<5.0	<5.0	22	34
	12/18/2003	0.5	<0.5	<0.5	7.7	<2.0
	6/21/2004	5.9	<0.5	0.6	31	11
	12/16/2004	<5.0	<5.0	<5.0	13	<5.0
	6/23/2005	3.5	<0.5	<0.5	16	12
	12/28/2005	1.4	<0.5	<0.5	15	<5.0
	6/28/2006	6.8	<0.5	1.1	27	23
	12/1/2006	3.7	<0.5	<0.5	20	<5.0
	6/18/2007	4.2	<0.5	0.7	26	5.1
	12/5/2007	3.7	<2.5	<5.0	28	<10
	6/24/2008	4.8	<2.5	<5.0	28	<10
	12/10/2008	1.5	<1.0	<2.0	37	<2.0
	1/4/2010	0.67	<0.5	<1.0	29	<1.0
	7/1/2010	4.9	<0.5	1.2	25	11
	1/7/2011	1.2	<0.5	<1.0	17	1.4
	5/10/2011	4.4	<0.5	<1.0	21	5.3
	11/15/2011	5.0	<0.5	<1.0	28	3.2
	5/24/2012	2.5	<0.5	<1.0	24	1.7
	1/4/2013	0.7	<0.5	<1.0	22	<1.0
	6/27/2013	2.6	<0.5	<1.0	28	<1.0
	1/6/2014	1.3	<0.5	<1.0	34	<1.0
GW-16a (Point of Compliance)	2/7/2000	2.14	6.41	9.00	4.52	8.11
	12/27/2000	2.41	2.25	2.21	4.24	2.12
	3/29/2001	1.73	2.11	2.40	3.74	1.51
	6/11/2001	1.88	1.94	1.99	3.63	<1.0
	9/24/2001	2.75	2.64	2.97	4.45	1.33
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0
	3/18/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	9/25/2002	2.24	1.76	2.54	3.73	<2.0
	12/13/2002	<5.0	<5.0	<5.0	<5.0	<5.0
	3/13/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	9/29/2003	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	2.7	2.5	3.5	6.3	<2.0
	3/23/2004	1.9	2.0	2.4	4.7	<2.0
	6/21/2004	2.1	1.7	2.5	4.7	<2.0
	9/23/2004	2.5	2.0	2.5	4.7	<2.0
	12/16/2004	<5.0	<5.0	<5.0	<5.0	<5.0
	6/23/2005	2.0	2.4	2.7	5.1	<2.0
	12/28/2005	1.2	1.4	2.3	5.8	<5.0
	6/28/2006	1.9	1.7	2.5	4.8	<5.0
	12/1/2006	1.9	1.5	2.9	4.4	<5.0
	6/18/2007	1.9	2.4	2.8	5.1	<5.0
	12/5/2007	1.2	<1.0	<2.0	3.4	<4.0
	6/24/2008	1.7	1.6	1.8	3.8	<2.0
	12/11/2008	1.4	1.1	1.3	4.9	<1.0
	1/4/2010	1.2	0.91	1.2	4.6	<1.0
	6/29/2010	1.2	0.78	1.2	3.7	<1.0
	1/6/2011	1.3	1.2	1.4	3.8	<1.0
	5/10/2011	1.2	0.74	1.0	3.8	<1.0
	11/15/2011	1.2	0.72	1.1	4.4	<1.0
	5/24/2012	1.0	0.55	<1.0	3.7	<1.0
	1/8/2013	<0.5	<0.5	<1.0	4.9	<1.0
	6/28/2013	1.0	0.7	1.2	3.9	<1.0
	1/6/2014	1.0	0.54	<1.0	3.9	<1.0

Table 4
 Water Quality Sample Analytical Reports
 Former Oyster Point Landfill
 South San Francisco, California

Well Designation	Date Collected	Benzene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Chorobenzene (ug/L)	Naphthalene (ug/L)
July 2004 MACL's		71	86	2,200	129	470

Notes:

ug/L = Micrograms per liter

< = Compound not detected at or above the stated laboratory reporting limit

Samples analyzed by EPA Test Method 8260

MACL's - Maximum Allowable Concentrations Limits

* = Carbon disulfide was detected at a concentration of 14 micrograms per liter.

** = Carbon disulfide was detected at a concentration of 2.1 micrograms per liter.

*** = Acetone was detected at a concentration of 54 micrograms per liter.

(1) = Naphthalene was reported four days past the seven day hold time for unpreserved VOAs due to a naphthalene concentration in excess of the instrument's calibration range, which required a dilution

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition (%)			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄	CO ₂	O ₂ (5)					
LFG-1	4/22/2003	0	0.0	0.5	0.9	7.0	91.6	10	2.4	1.0	---
		258	4.3	0.4	1.1	7.0	91.5	8	nm	nm	---
		516	8.6	0.3	1.4	4.0	94.3	6	nm	nm	---
		774	12.9	0.3	1.6	2.8	95.3	6	-81.3	1.0	---
	11/14/2003	0	0.0	0.0	0.9	18.5	80.3	0	-1.0	0.5	17.01
		312	2.6	0.0	2.8	17.1	80.0	0	nm	0.5	---
		624	5.2	0.0	2.0	18.2	79.8	0	nm	0.5	---
		936	7.8	0.0	1.8	18.5	79.9	0	nm	0.5	---
	2/11/2004	0	0.0	0.0	1.4	4.0	94.6	0	1.6	0.5	17.58
		324	2.7	0.0	2.3	14.9	82.9	0	nm	0.5	---
		648	5.4	0.0	2.1	13.8	82.5	0	nm	0.5	---
		972	8.1	0.0	2.4	14.1	82.8	0	-49.5	0.5	---
	5/12/2004	0	0.0	0.0	0.0	19.3	81.4	0	2.7	0.5	12.91
		240	2.0	0.0	0.7	15.0	84.3	0	nm	0.5	---
		480	4.0	0.0	0.7	14.7	84.8	0	nm	0.5	---
		720	6.0	0.0	0.8	14.7	84.9	0	-20.2	0.5	---
	7/22/2004	0	0.0	0.0	2.4	16.8	80.8	0	0.0	0.5	15.40
		300	2.5	0.0	3.0	15.7	81.3	0	nm	0.5	---
		600	5.0	0.0	2.9	16.5	80.6	0	nm	0.5	---
		900	7.5	0.0	2.7	17.2	80.1	0	-2.8	0.5	---
	8/31/2004	0	0.0	0.0	3.4	17.4	79.2	0	0.0	0.5	16.35
		300	2.5	0.0	2.0	17.4	80.6	0	nm	0.5	---
		600	5.0	0.0	2.0	18.6	79.4	0	nm	0.5	---
		900	7.5	0.0	2.0	18.7	79.3	0	-1.8	0.5	---
	11/17/2004	0	0.0	0.0	3.1	18.5	87.4	0	0.0	0.5	17.87
		300	2.5	0.0	3.3	13.3	83.4	0	nm	0.5	---
		600	5.0	0.0	3.1	13.2	83.7	0	nm	0.5	---
		900	7.5	0.0	3.0	13.1	83.9	0	-0.5	0.5	---
	2/2/2005	0	0.0	0.0	2.5	9.3	88.2	0	5.5	0.5	18.02
		300	2.5	0.0	2.6	9.2	88.2	0	nm	0.5	---
		600	5.0	0.0	2.5	9.3	88.2	0	nm	0.5	---
		900	7.5	0.0	2.5	9.7	87.8	0	-70.6	0.5	---
	5/18/2005	0	0.0	0.0	0.0	18.9	81.1	0	-0.1	0.5	14.03
		300	2.5	0.0	0.6	18.9	80.5	0	nm	0.5	---
		600	5.0	0.0	0.6	19.0	80.4	0	nm	0.5	---
		900	7.5	0.0	0.6	19.1	80.3	0	-10.1	0.5	---
	8/10/2005	0	0.0	0.1	1.3	17.7	80.9	2	-1.8	0.5	14.28
		300	2.5	0.1	2.5	16.3	81.1	2	nm	0.5	---
		600	5.0	0.1	2.5	16.4	81.0	2	nm	0.5	---
		900	7.5	0.1	2.3	17.6	80.0	2	-1.9	0.5	---
	11/30/2005	0	0.0	0.0	0.1	21.5	87.4	0	-1.6	0.5	17.00
		300	2.5	0.0	2.7	20.0	77.3	0	nm	0.5	---
		600	5.0	0.0	2.4	20.3	77.3	0	nm	0.5	---
		900	7.5	0.0	2.1	20.6	77.3	0	-1.6	0.5	---
	2/17/2006	0	0.0	0.0	2.3	16.9	80.8	0	-1.3	0.5	14.06
		300	2.5	0.0	1.5	18.4	80.1	0	nm	0.5	---
		600	5.0	0.0	1.1	18.9	80.0	0	nm	0.5	---
		900	7.5	0.0	1.0	19.1	79.9	0	-1.3	0.5	---
	5/26/2006	0	0.0	0.3	1.8	12.5	85.4	5	-1.1	0.5	9.80
		300	2.5	0.4	2.2	10.8	86.6	7	nm	0.5	---
		600	5.0	0.2	2.1	7.4	90.3	3	nm	0.5	---
		900	7.5	0.1	2.3	4.4	93.2	1	-20.7	0.5	---
	8/25/2006	0	0.0	0.0	2.9	17.8	79.3	0	nm ⁽²⁾	0.5	14.13
		300	2.5	0.1	3.9	17.0	79.0	1	nm ⁽²⁾	0.5	---
		600	5.0	0.1	3.5	18.0	78.4	1	nm ⁽²⁾	0.5	---
		900	7.5	0.1	3.1	18.6	78.2	1	nm ⁽²⁾	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-1 (Cont.)	11/22/2006	0	0.0	0.0	2.0	17.8	80.2	0	-0.04	0.5	16.33
		300	2.5	0.0	3.1	18.1	78.8	0	nm	0.5	---
		600	5.0	0.0	2.9	18.3	78.8	0	nm	0.5	---
		900	7.5	0.0	2.8	18.4	78.8	0	-0.04	0.5	---
	2/17/2007	0	0.0	0.0	2.3	11.7	86.0	0	0.31	0.5	17.73
		300	2.5	0.0	2.7	8.4	88.9	0	nm	0.5	---
		600	5.0	0.0	2.6	8.5	88.9	0	nm	0.5	---
		900	7.5	0.0	2.6	8.4	89.0	0	0.31	0.5	---
	5/31/2007	0	0.0	0.0	0.1	20.2	79.7	0	nm	0.5	15.30
		300	2.5	0.0	3.2	13.0	83.8	0	nm	0.5	---
		600	5.0	0.0	3.2	13.3	83.5	0	nm	0.5	---
		900	7.5	0.0	3.2	13.9	82.9	0	nm	0.5	---
	8/31/2007	0	0.0	0.0	3.0	17.7	79.3	0	nm	0.5	16.87
		300	2.5	0.0	3.4	17.5	79.1	0	nm	0.5	---
		600	5.0	0.0	3.6	17.3	79.1	0	nm	0.5	---
		900	7.5	0.0	3.7	17.1	79.2	0	-13.3	0.5	---
	11/30/2007	0	0.0	0.0	0.7	19.7	79.6	0	nm	0.5	18.33
		300	2.5	0.0	3.0	18.5	78.5	0	nm	0.5	---
		600	5.0	0.0	3.4	18.2	78.4	0	nm	0.5	---
		900	7.5	0.0	3.3	18.2	78.5	0	-13.4	0.5	---
	2/14/2008	0	0.0	0.0	2.0	18.4	79.6	0	nm	0.5	19.14
		300	2.5	0.0	3.4	16.4	80.2	0	nm	0.5	---
		600	5.0	0.0	3.3	16.7	80.0	0	nm	0.5	---
		900	7.5	0.0	3.2	17.0	79.8	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	1.0	18.6	80.4	0	nm	0.5	15.30
		300	2.5	0.0	1.7	16.6	81.7	0	nm	0.5	---
		600	5.0	0.0	1.8	16.4	81.8	0	nm	0.5	---
		900	7.5	0.0	1.8	16.4	81.8	0	-12.9	0.5	---
	7/15/2008	0	0.0	0.0	0.8	20.7	78.5	0	-0.4	0.5	16.35
		300	2.5	0.0	3.9	17.5	78.6	0	-0.4	0.5	---
		600	5.0	0.0	3.9	17.7	78.4	0	-0.4	0.5	---
	10/29/2008	0	0.0	0.0	0.6	20.1	79.3	0	-0.2	0.5	18.43
		300	2.5	0.0	3.9	17.9	78.2	0	-0.2	0.5	---
		600	5.0	0.0	4.0	17.7	78.3	0	-0.2	0.5	---
	1/30/2009	0	0.0	0.0	0.5	21.1	78.4	0	-0.24	0.5	19.85
		300	2.5	0.0	2.9	17.5	79.6	0	-0.24	0.5	---
		600	5.0	0.0	2.8	17.6	79.6	0	-0.24	0.5	---
	4/21/2009	0	0.0	0.0	0.0	16.3	83.7	0	-0.60	0.5	19.98
		300	2.5	0.0	2.6	8.3	89.1	0	-1.45	0.5	---
		600	5.0	0.0	2.6	8.3	89.1	0	-1.45	0.5	---
	7/23/2009	0	0.0	0.0	0.1	21.6	78.3	0	-0.3	0.5	19.93
		300	2.5	0.0	4.0	18.0	78.0	0	-0.3	0.5	---
		600	5.0	0.0	3.9	18.2	77.9	0	-0.3	0.5	---
	10/22/2009	0	0.0	0.0	0.1	19.9	80.0	0	0.0	0.5	20.29
		300	2.5	0.0	3.1	16.0	80.9	0	-0.14	0.5	---
		600	5.0	0.0	3.1	16.0	80.9	0	-0.14	0.5	---
	2/3/2010	0	0.0	0.0	0.0	20.7	79.3	0	0.0	0.5	21.18
		300	2.5	0.0	3.3	12.8	83.9	0	-0.62	0.5	---
		600	5.0	0.0	3.4	12.7	83.9	0	-0.63	0.5	---
	5/21/2010	0	0.0	0.2	0.0	19.8	80.0	4	0.0	0.5	19.45
		300	2.5	0.2	3.1	10.2	86.5	4	-12.0	0.5	---
		600	5.0	0.2	3.2	9.6	87.0	4	-20.0	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas (%)			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)						
LFG-1 (Cont.)	7/21/2010	0	0.0	0.0	0.0	19.4	80.6	0	0.0	0.5	17.80	
		300	2.5	0.0	4.2	11.5	84.3	0	-2.5	0.5	---	
		600	5.0	0.0	4.3	11.8	83.9	0	-2.5	0.5	---	
	10/1/2010	0	0.0	0.0	0.0	20.1	79.9	0	0.0	0.5	17.12	
		300	2.5	0.0	4.5	16.8	78.7	0	0.0	0.5	---	
		600	5.0	0.0	4.4	17.0	78.6	0	0.0	0.5	---	
	1/21/2011	0	0.0	0.0	0.1	21.6	78.3	0	0.0	0.5	18.15	
		300	2.5	0.0	3.4	12.6	84.0	0	-8.0	0.5	---	
		600	5.0	0.0	3.4	12.5	84.1	0	-8.5	0.5	---	
	4/21/2011	0	0.0	0.0	0.0	21.0	79.0	0	0.0	0.5	7.95	
		300	2.5	0.0	1.6	15.4	83.0	0	-40.0	0.5	---	
		600	5.0	0.0	1.5	15.0	83.5	0	-41.0	0.5	---	
	7/8/2011	0	0.0	0.0	0.0	21.5	78.5	0	0.0	0.5	12.90	
		300	2.5	0.0	4.0	6.3	89.7	0	-4.5	0.5	---	
		600	5.0	0.0	4.1	6.2	89.7	0	-4.5	0.5	---	
	10/26/2011	0	0.0	0.0	0.1	21.5	78.4	0	0.0	0.5	15.25	
		300	2.5	0.0	4.6	18.1	77.3	0	-1.0	0.5	---	
		600	5.0	0.0	4.7	18.0	77.3	0	-1.0	0.5	---	
	1/13/2012	0	0.0	0.0	0.0	22.3	77.7	0	0.0	0.5	16.75	
		300	2.5	0.0	2.9	19.8	77.3	0	-1.2	0.5	---	
		600	5.0	0.0	2.8	20.0	77.2	0	-1.2	0.5	---	
	4/18/2012	0	0.0	0.0	0.0	20.5	79.5	0	0.0	0.5	17.81	
		300	2.5	0.0	2.7	14.7	82.6	0	-40.0	0.5	---	
		600	5.0	0.0	3.0	13.6	83.4	0	-60.0	0.5	---	
	7/13/2012	0	0.0	0.0	0.0	20.9	79.1	0	0.0	0.5	14.78	
		300	2.5	0.0	4.5	11.6	83.9	0	-5.0	0.5	---	
		600	5.0	0.0	4.5	12.2	83.3	0	-5.0	0.5	---	
	10/29/2012	0	0.0	0.0	0.0	20.8	79.2	0	0.0	0.5	16.60	
		300	2.5	0.0	4.5	17.6	77.9	0	-2.0	0.5	---	
		600	5.0	0.0	4.4	17.7	77.9	0	-2.0	0.5	---	
	2/1/2013	0	0.0	0.0	0.2	20.8	79.0	0	0.0	0.5	13.25	
		300	2.5	0.0	3.7	12.8	83.5	0	-4.0	0.5	---	
		600	5.0	0.0	3.7	12.7	83.6	0	-4.0	0.5	---	
	6/4/2013	0	0.0	0.0	0.0	20.5	79.5	0	0.0	0.5	14.77	
		300	2.5	0.0	4.0	13.7	82.3	0	-3.5	0.5	---	
		600	5.0	0.0	4.0	13.6	82.4	0	-3.5	0.5	---	
	9/9/2013	0	0.0	0.1	0.1	18.7	81.1	1	0.0	0.5	16.37	
		300	2.5	0.1	4.6	16.0	79.3	1	-1.5	0.5	---	
		600	5.0	0.0	4.6	16.4	79.0	0	-1.5	0.5	---	
	11/25/2013	0	0.0	0.0	0.1	20.8	79.1	1	0.0	0.5	17.66	
		300	2.5	0.0	4.0	18.1	77.9	1	-3.0	0.5	---	
		600	5.0	0.0	3.9	18.2	77.9	0	-3.0	0.5	---	
	LFG-2	4/22/2003	0	0.0	4.7	0.3	2.3	92.7	94	1.9	1.0	---
			324	5.4	2.2	0.6	3.1	94.2	44	nm	nm	---
			648	10.8	0.1	0.7	3.5	95.7	2	nm	nm	---
			972	16.2	0.2	0.4	5.1	94.3	4	-24.2	0.7	---
		11/14/2003	0	0.0	0.0	0.7	10.4	91.3	0	-1.2	0.5	dry
			648	5.4	0.0	1.6	5.0	93.2	0	nm	0.5	---
1296			10.8	0.0	1.5	8.4	90.9	0	nm	0.5	---	
1944			16.2	0.0	1.9	7.5	90.6	0	-30.1	0.5	---	
2/11/2004		0	0.0	0.0	0.3	20.5	72.5	0	1.5	0.5	dry	
		648	5.4	0.0	1.4	3.7	94.7	0	nm	0.5	---	
		1296	10.8	0.0	1.7	4.5	92.3	0	nm	0.5	---	
		1944	16.2	0.0	1.9	5.0	91.9	0	-37.2	0.5	---	

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
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Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-2 (Cont.)	5/12/2004	0	0.0	0.1	0.0	19.0	81.3	2	0.8	0.5	30.87
		576	4.8	0.0	0.9	3.8	95.4	0	nm	0.5	---
		1152	9.4	0.1	0.8	5.2	93.9	2	nm	0.5	---
		1728	14.4	0.0	0.5	6.3	93.3	0	-34.9	0.5	---
	7/22/2004	0	0.0	0.0	0.0	9.0	90.0	0	0.0	0.5	31.52
		600	5.0	0.0	1.6	6.4	92.0	0	nm	0.5	---
		1200	10.0	0.0	1.7	7.0	91.3	0	nm	0.5	---
		1800	15.0	0.0	1.8	7.2	91.0	0	-27.2	0.5	---
	8/31/2004	0	0.0	0.0	1.4	8.4	90.2	0	0.0	0.5	31.91
		600	5.0	0.0	1.7	7.5	90.8	0	nm	0.5	---
		1200	10.0	0.0	1.9	8.6	89.5	0	nm	0.5	---
		1800	15.0	0.0	1.9	9.0	89.1	0	-30.0	0.5	---
	11/17/2004	0	0.0	0.0	2.5	9.3	88.2	0	0.0	0.5	32.13
		600	5.0	0.0	2.6	7.0	90.4	0	nm	0.5	---
		1200	10.0	0.0	2.7	9.3	88.0	0	nm	0.5	---
		1800	15.0	0.0	2.7	8.4	88.9	0	-9.8	0.5	---
	2/2/2005	0	0.0	0.0	0.3	17.6	82.1	0	-2.3	0.5	27.70
		600	5.0	0.0	1.7	9.7	88.6	0	nm	0.5	---
		1200	10.0	0.0	1.7	9.3	89.0	0	nm	0.5	---
		1800	15.0	0.0	1.7	9.0	89.3	0	-29.0	0.5	---
	5/18/2005	0	0.0	0.0	2.2	10.5	87.3	0	-0.3	0.5	31.02
		600	5.0	0.0	0.2	19.5	80.3	0	nm	0.5	---
		1200	10.0	0.0	0.3	18.5	81.2	0	nm	0.5	---
		1800	15.0	0.0	0.1	19.2	80.7	0	-15.5	0.5	---
	8/10/2005	0	0.0	0.0	0.5	19.0	80.5	0	-2.1	0.5	28.65
		600	5.0	0.0	0.2	19.8	80.0	0	nm	0.5	---
		1200	10.0	0.0	0.2	19.1	80.7	0	nm	0.5	---
		1800	15.0	0.0	0.2	19.1	80.7	0	-4.7	0.5	---
	11/30/2005	0	0.0	0.0	1.0	18.0	81.0	0	-1.6	0.5	30.65
		600	5.0	0.0	0.8	19.0	80.2	0	nm	0.5	---
		1200	10.0	0.0	0.8	19.4	79.8	0	nm	0.5	---
		1800	15.0	0.0	0.8	19.6	79.6	0	-1.6	0.5	---
	2/17/2006	0	0.0	0.0	1.3	13.8	84.9	0	-1.3	0.5	27.63
		600	5.0	0.1	1.1	14.3	84.5	1	nm	0.5	---
		1200	10.0	0.5	1.0	13.8	84.7	10	nm	0.5	---
		1800	15.0	0.7	1.0	13.8	84.5	14	-1.3	0.5	---
	5/26/2006	0	0.0	0.0	1.3	14.5	84.2	0	-1.0	0.5	24.07
		600	5.0	0.0	0.5	18.4	81.1	0	nm	0.5	---
		1200	10.0	0.0	0.4	18.4	81.2	0	nm	0.5	---
		1800	15.0	0.0	0.4	18.3	81.3	0	-13.7	0.5	---
	8/25/2006	0	0.0	0.1	1.2	16.5	82.2	1	nm ⁽²⁾	0.5	27.46
		600	5.0	0.1	0.6	18.4	80.9	1	nm ⁽²⁾	0.5	---
		1200	10.0	0.1	0.7	17.9	81.3	1	nm ⁽²⁾	0.5	---
		1800	15.0	0.1	0.7	17.7	81.5	1	nm ⁽²⁾	0.5	---
	11/22/2006	0	0.0	0.1	1.4	16.4	82.1	1	-0.04	0.5	28.85
		600	5.0	0.0	1.0	17.7	81.3	0	nm	0.5	---
		1200	10.0	0.0	1.1	17.8	81.1	0	nm	0.5	---
		1800	15.0	0.0	1.1	18.0	80.9	0	-0.04	0.5	---
	2/17/2007	0	0.0	0.0	1.3	17.3	81.4	0	0.31	0.5	28.40
		600	5.0	0.0	1.6	15.0	83.4	0	nm	0.5	---
		1200	10.0	0.0	1.6	14.9	83.5	0	nm	0.5	---
		1800	15.0	0.0	1.5	15.3	83.2	0	0.31	0.5	---
	5/31/2007	0	0.0	0.0	1.0	17.5	81.5	0	nm	0.5	28.84
		600	5.0	0.0	0.9	16.9	82.2	0	nm	0.5	---
		1200	10.0	0.0	0.9	16.6	82.5	0	nm	0.5	---
		1800	15.0	0.0	1.0	16.2	82.8	0	nm	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
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Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-2 (Cont.)	8/31/2007	0	0.0	0.0	0.9	16.2	82.9	0	nm	0.5	32.70
		600	5.0	0.0	1.0	16.0	83.0	0	nm	0.5	---
		1200	10.0	0.0	1.0	15.9	83.1	0	nm	0.5	---
		1800	15.0	0.0	1.0	15.8	83.2	0	-20.2	0.5	---
	11/30/2007	0	0.0	0.0	1.0	17.7	81.3	0	nm	0.5	30.62
		600	5.0	0.0	1.1	17.6	81.3	0	nm	0.5	---
		1200	10.0	0.0	1.0	17.6	81.4	0	nm	0.5	---
		1800	15.0	0.0	1.0	17.6	81.4	0	-11.6	0.5	---
	2/14/2008	0	0.0	0.0	1.1	16.7	82.2	0	nm	0.5	27.84
		600	5.0	0.0	0.9	17.3	81.9	0	nm	0.5	---
		1200	10.0	0.0	0.9	17.1	82.0	0	nm	0.5	---
		1800	15.0	0.0	1.0	16.9	82.1	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	0.9	17.8	81.3	0	nm	0.5	28.30
		600	5.0	0.0	0.8	17.9	81.3	0	nm	0.5	---
		1200	10.0	0.0	0.8	18.0	81.2	0	nm	0.5	---
		1800	15.0	0.0	0.8	17.9	81.3	0	-19.6	0.5	---
	7/15/2008	0	0.0	0.0	0.1	21.7	78.2	0	nm	0.5	29.53
		600	5.0	0.0	1.6	14.8	83.6	0	-13	0.5	---
		1200	10.0	0.0	1.7	14.2	84.1	0	-13	0.5	---
		1800	15.0	0.0	1.7	14.3	84.0	0	-13	0.5	---
	10/29/2008	0	0.0	0.0	0.1	20.4	79.5	0	-3	0.5	31.10
		600	5.0	0.0	2.0	13.9	84.1	0	-12	0.5	---
		1200	10.0	0.0	2.0	14.0	84.0	0	-13	0.5	---
		1800	15.0	0.0	1.9	14.1	84.0	0	-13	0.5	---
	1/30/2009	0	0.0	0.0	0.4	20.8	78.8	0	-3	0.5	30.59
		600	5.0	0.0	1.9	16.7	81.4	0	-13	0.5	---
		1200	10.0	0.0	1.8	17.4	80.8	0	-13	0.5	---
		1800	15.0	0.0	1.8	17.5	80.7	0	-12.75	0.5	---
	4/21/2009	0	0.0	0.0	0.0	17.4	82.6	0	-1.5	0.5	28.79
		600	5.0	0.0	1.7	10.0	88.3	0	-10	0.5	---
		1200	10.0	0.0	1.7	9.8	88.5	0	-10	0.5	---
		1800	15.0	0.0	1.6	9.6	88.8	0	-10	0.5	---
	7/23/2009	0	0.0	0.0	0.0	21.9	78.1	0	-2.0	0.5	30.17
		600	5.0	0.0	2.4	13.2	84.4	0	-8.5	0.5	---
		1200	10.0	0.0	2.4	12.7	84.9	0	-8.75	0.5	---
		1800	15.0	0.0	2.4	12.6	85.0	0	-9.0	0.5	---
	10/22/2009	0	0.0	0.0	0.1	20.4	79.5	0	0.0	0.5	31.10
		600	5.0	0.0	2.2	9.7	88.1	0	-9.5	0.5	---
		1200	10.0	0.0	2.2	9.7	88.1	0	-10.5	0.5	---
		1800	15.0	0.0	2.2	9.8	88.0	0	-10.5	0.5	---
	2/3/2010	0	0.0	0.0	0.0	20.4	79.6	0	0.0	0.5	27.18
		600	5.0	0.0	2.2	12.3	85.5	0	-9.0	0.5	---
		1200	10.0	0.0	2.2	12.2	85.6	0	-9.5	0.5	---
		1800	15.0	0.0	2.2	12.2	85.6	0	-9.5	0.5	---
	5/21/2010	0	0.0	0.2	0.0	20.3	79.5	4	0.0	0.5	26.23
		600	5.0	0.2	2.4	9.4	88.0	4	-15.5	0.5	---
		1200	10.0	0.2	2.3	9.0	88.5	4	-17.5	0.5	---
		1800	15.0	0.2	2.3	8.7	88.8	3	-17.5	0.5	---
	7/21/2010	0	0.0	0.0	0.0	19.6	80.4	0	0.0	0.5	27.76
		600	5.0	0.0	1.4	12.5	86.1	0	-13.0	0.5	---
		1200	10.0	0.0	1.4	12.1	86.5	0	-13.5	0.5	---
		1800	15.0	0.0	1.4	11.9	86.7	0	-14.0	0.5	---
	10/1/2010	0	0.0	0.0	0.0	20.6	79.4	0	0.0	0.5	29.35
		600	5.0	0.0	2.0	11.5	86.5	0	-12.0	0.5	---
		1200	10.0	0.0	2.0	11.2	86.8	0	-12.5	0.5	---
		1800	15.0	0.0	2.0	11.0	87.0	0	-12.5	0.5	---

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Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition (%)			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄	CO ₂	O ₂ (5)						
LFG-2 (Cont.)	1/21/2011	0	0.0	0.0	0.1	20.7	79.2	0	0.0	0.5	25.86	
		600	5.0	0.0	1.8	13.0	85.2	0	-16.0	0.5	---	
		1200	10.0	0.0	1.6	14.1	84.3	0	-18.3	0.5	---	
		1800	15.0	0.0	1.5	14.5	84.0	0	-18.3	0.5	---	
	4/21/2011	0	0.0	0.0	0.0	0.0	21.5	78.5	0	0.0	0.5	23.38
		600	5.0	0.0	0.6	18.7	80.7	0	-20.0	0.5	---	
		1200	10.0	0.0	0.1	20.4	79.5	0	-17.0	0.5	---	
		1800	15.0	0.0	0.2	20.0	79.8	0	-14.0	0.5	---	
	7/8/2011	0	0.0	0.0	0.0	0.0	21.6	78.4	0	0.0	0.5	25.93
		600	5.0	0.0	0.3	20.3	79.4	0	-7.0	0.5	---	
		1200	10.0	0.0	0.3	20.3	79.4	0	-7.0	0.5	---	
		1800	15.0	0.0	0.4	20.1	79.5	0	-7.0	0.5	---	
	10/26/2011	0	0.0	0.0	0.0	0.0	21.3	78.7	0	0.0	0.5	28.71
		600	5.0	0.0	1.8	17.3	80.9	0	-11.5	0.5	---	
		1200	10.0	0.0	1.8	17.3	80.9	0	-11.5	0.5	---	
		1800	15.0	0.0	1.8	17.3	80.9	0	-11.5	0.5	---	
	1/13/2012	0	0.0	0.0	0.0	0.0	21.6	78.4	0	0.0	0.5	29.40
		600	5.0	0.0	2.0	20.3	77.7	0	-14.0	0.5	---	
		1200	10.0	0.0	1.7	20.3	78.0	0	-13.5	0.5	---	
		1800	15.0	0.0	1.5	20.1	78.4	0	-12.0	0.5	---	
	4/18/2012	0	0.0	0.0	0.0	0.0	21.1	78.9	0	0.0	0.5	27.40
		600	5.0	0.0	2.0	14.5	83.5	0	-14.0	0.5	---	
		1200	10.0	0.0	1.9	14.1	84.0	0	-14.0	0.5	---	
		1800	15.0	0.0	1.9	14.2	83.9	0	-14.0	0.5	---	
	7/13/2012	0	0.0	0.0	0.0	0.0	21.3	78.7	0	0.0	0.5	28.18
		600	5.0	0.0	1.8	14.2	84.0	0	-11.5	0.5	---	
		1200	10.0	0.0	1.8	13.5	84.7	0	-12.0	0.5	---	
		1800	15.0	0.0	1.8	13.1	85.1	0	-12.0	0.5	---	
	10/29/2012	0	0.0	0.0	0.0	0.0	21.0	79.0	0	0.0	0.5	29.99
		600	5.0	0.0	2.4	15.9	81.7	0	-1.0	0.5	---	
		1200	10.0	0.0	2.4	15.9	81.7	0	-1.0	0.5	---	
		1800	15.0	0.0	2.4	15.8	81.8	0	-1.0	0.5	---	
	2/1/2013	0	0.0	0.0	0.2	20.7	79.1	0	0.0	0.5	24.62	
		600	5.0	0.0	1.4	16.9	81.7	0	-13.5	0.5	---	
		1200	10.0	0.0	0.9	18.0	81.1	0	-13.0	0.5	---	
		1800	15.0	0.0	0.8	18.1	81.1	0	-13.0	0.5	---	
	6/4/2013	0	0.0	0.0	0.0	0.0	20.4	79.6	0	0.0	0.5	27.80
		600	5.0	0.0	1.6	16.3	82.1	0	-13.5	0.5	---	
		1200	10.0	0.0	1.6	15.7	82.7	0	-14.0	0.5	---	
		1800	15.0	0.0	1.6	15.6	82.8	0	-14.0	0.5	---	
	9/9/2013	0	0.0	0.1	0.1	20.1	79.7	0	0.0	0.5	29.70	
		600	5.0	0.1	2.2	12.3	85.4	0	-7.0	0.5	---	
		1200	10.0	0.1	2.2	12.3	85.4	0	-7.0	0.5	---	
		1800	15.0	0.1	2.2	12.3	85.4	0	-7.0	0.5	---	
	11/25/2013	0	0.0	0.0	0.1	20.9	79.0	0	0.0	0.5	30.70	
		600	5.0	0.0	2.9	15.3	81.8	0	-6.0	0.5	---	
		1200	10.0	0.0	2.9	15.4	81.7	0	-6.0	0.5	---	
		1800	15.0	0.0	2.9	15.3	81.8	0	-6.0	0.5	---	
LFG-3	4/22/2003	0	0.0	40.2	5.3	0.4	54.1	>100	1.4	1.0	---	
		234	3.9	26.3	4.8	1.7	67.2	>100	nm	nm	---	
		468	7.8	44.4	7.9	1.1	46.6	>100	nm	nm	---	
		702	11.7	61.1	10.3	1.0	27.6	>100	-95.0	0.8	---	
	11/14/2003	0	0.0	0.0	4.2	17.2	63.6	0	-1.1	0.5	21.62	
		396	3.3	61.6	12.0	1.4	25.5	>100	nm	0.5	---	
		792	6.6	57.5	14.0	2.4	25.6	>100	nm	0.5	---	
		1188	9.9	59.0	15.0	2.1	24.1	>100	-31.6	0.5	---	

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-3 (Cont.)	2/11/2004	0	0.0	0.0	2.2	15.0	82.8	0	1.8	0.5	10.75
		204	1.7	4.0	0.4	19.9	76.6	80	nm	0.5	---
		408	3.4	1.3	0.0	20.6	78.0	26	nm	0.5	---
		612	5.1	1.6	0.0	20.5	77.9	32	-18.5	0.5	---
	5/12/2004	0	0.0	41.5	1.8	9.2	44.6	>100	2.8	0.5	17.04
		312	2.6	14.0	2.2	15.8	67.8	>100	nm	0.5	---
		624	5.2	13.7	2.0	17.3	67.2	>100	nm	0.5	---
		936	7.8	14.2	2.2	17.3	66.5	>100	-18.8	0.5	---
	8/31/2004	0	0.0	8.9	3.1	16.7	71.3	>100	0.2	0.5	20.64
		300	2.5	2.3	1.0	19.5	77.2	46	nm	0.5	---
		600	5.0	2.7	1.1	19.5	76.7	54	nm	0.5	---
		900	7.5	2.7	1.1	19.5	76.7	54	-10.8	0.5	---
	11/17/2004	0	0.0	41.0	13.6	3.4	42.0	>100	0.0	0.5	19.01
		300	2.5	55.8	17.1	0.0	27.1	>100	nm	0.5	---
		600	5.0	66.9	17.8	0.0	15.3	>100	nm	0.5	---
		900	7.5	71.0	18.0	0.0	11.0	>100	-23.3	0.5	---
	2/2/2005	0	0.0	45.0	9.8	5.1	60.1	>100	1.9	0.5	9.78
		300	2.5	7.9	1.3	18.0	72.8	>100	nm	0.5	---
		600	5.0	2.8	0.3	19.9	77.0	56	nm	0.5	---
		900	7.5	0.0	0.0	20.8	79.2	0	-28.8	0.5	---
	5/18/2005	0	0.0	71.8	15.4	0.0	12.8	>100	0.1	0.5	15.94
		300	2.5	72.2	15.6	0.0	12.2	>100	nm	0.5	---
		600	5.0	80.0	18.4	0.0	1.6	>100	nm	0.5	---
		900	7.5	79.9	20.1	0.0	0.0	>100	-30.2	0.5	---
	8/10/2005	0	0.0	62.7	14.5	1.8	21.0	>100	-2.1	0.5	18.05
		300	2.5	55.9	12.7	3.4	28.0	>100	nm	0.5	---
		600	5.0	53.0	13.0	4.4	29.6	>100	nm	0.5	---
		900	7.5	52.3	14.2	4.7	28.8	>100	-2.1	0.5	---
	11/30/2005	0	0.0	74.5	16.8	2.6	6.1	>100	-1.6	0.5	21.32
		300	2.5	65.2	14.6	3.8	16.4	>100	nm	0.5	---
		600	5.0	62.8	14.2	4.4	18.6	>100	nm	0.5	---
		900	7.5	60.4	13.9	4.7	21.0	>100	-1.6	0.5	---
	2/17/2006	0	0.0	67.8	12.6	2.7	16.9	>100	-1.5	0.5	17.71
		300	2.5	46.0	8.5	5.7	39.8	>100	nm	0.5	---
		600	5.0	42.2	7.9	6.5	43.4	>100	nm	0.5	---
		900	7.5	43.2	8.3	6.6	41.9	>100	-1.5	0.5	---
	5/26/2006	0	0.0	74.0	13.1	0.2	12.7	>100	-1.0	0.5	12.50
		300	2.5	76.6	13.8	0.0	6.6	>100	nm	0.5	---
		600	5.0	79.8	16.5	0.0	3.7	>100	nm	0.5	---
		900	7.5	81.4	17.7	0.0	0.9	>100	-47.3	0.5	---
	8/25/2006	0	0.0	35.4	8.7	11.0	44.9	>100	nm ⁽²⁾	0.5	19.71
		300	2.5	17.6	3.7	16.8	61.9	>100	nm ⁽²⁾	0.5	---
		600	5.0	16.7	3.3	17.2	62.8	>100	nm ⁽²⁾	0.5	---
		900	7.5	15.7	3.2	17.4	63.7	>100	nm ⁽²⁾	0.5	---
	11/22/2006	0	0.0	1.7	15.4	11.7	71.2	34	0.38	0.5	21.75
		300	2.5	62.6	16.3	0.0	21.1	>100	nm	0.5	---
		600	50.0	64.2	15.8	1.0	19.0	>100	nm	0.5	---
		900	7.5	65.4	15.5	1.7	17.4	>100	0.38	0.5	---
	2/17/2007	0	0.0	68.3	13.7	0.0	18.0	>100	0.31	0.5	16.75
		300	2.5	42.1	10.0	5.2	42.7	>100	nm	0.5	---
		600	5.0	22.9	5.0	13.6	58.5	>100	nm	0.5	---
		900	7.5	15.4	3.3	16.2	65.1	>100	0.31	0.5	---
	5/31/2007	0	0.0	0.0	0.2	21.2	78.6	0	nm	0.5	18.80
		300	2.5	72.0	14.4	0.0	13.6	>100	nm	0.5	---
		600	5.0	72.7	14.9	0.0	12.4	>100	nm	0.5	---
		900	7.5	72.3	15.1	0.0	12.6	>100	nm	0.5	---

Table 5
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-3 (Cont.)	8/31/2007	0	0.0	0.0	11.2	5.1	36.4	>100	nm	0.5	22.38
		300	2.5	72.0	16.1	0.0	14.0	>100	nm	0.5	---
		600	5.0	72.7	17.0	0.0	14.7	>100	nm	0.5	---
		900	7.5	72.3	17.2	0.0	14.8	>100	-34.0	0.5	---
	11/30/2007	0	0.0	5.5	9.7	5.1	79.7	>100	nm	0.5	21.46
		300	2.5	8.9	15.5	0.0	75.6	>100	nm	0.5	---
		600	5.0	8.3	15.7	0.0	76.0	>100	nm	0.5	---
		900	7.5	7.2	15.9	0.0	76.9	>100	-32.7	0.5	---
	2/14/2008	0	0.0	0.5	6.2	5.5	87.8	10	nm	0.5	9.47
		300	2.5	0.6	9.7	3.3	86.4	12	nm	0.5	---
		600	5.0	0.6	4.4	11.1	83.9	12	nm	0.5	---
		900	7.5	0.5	4.4	10.9	84.2	10	nm	0.5	---
	5/12/2008	0	0.0	0.0	3.3	15.0	81.7	0	nm	0.5	17.60
		300	2.5	1.6	10.2	3.9	84.3	32	nm	0.5	---
		600	5.0	2.3	10.7	3.8	83.2	46	nm	0.5	---
		900	7.5	2.4	8.6	6.8	82.2	48	-50.6	0.5	---
	7/15/2008	0	0.0	0.1	6.0	13.2	80.7	1	nm	0.5	21.16
		300	2.5	0.1	13.4	0.8	85.7	2	nm	0.5	---
		600	5.0	0.1	11.5	3.2	85.2	2	nm	0.5	---
		900	7.5	0.2	10.4	5.7	83.7	4	< -50	0.5	---
	10/29/2008	0	0.0	0.0	14.5	0.0	85.5	0	-5.0	0.5	23.81
		300	2.5	0.0	4.5	13.3	82.2	0	-14.0	0.5	---
		600	5.0	0.0	1.9	16.8	81.3	0	-14.5	0.5	---
		900	7.5	0.0	1.4	17.5	81.1	0	-12.5	0.5	---
	1/30/2009	0	0.0	0.0	6.5	13.1	80.4	0	-7.0	0.5	19.60
		300	2.5	0.0	10.9	3.4	85.7	0	< -20	0.5	---
		600	5.0	0.0	10.6	3.9	85.5	0	< -20	0.5	---
		900	7.5	0.0	10.5	4.0	85.5	0	< -20	0.5	---
	4/21/2009	0	0.0	0.0	0.0	20.5	79.5	0	-3.0	0.5	13.85
		300	2.5	0.0	0.2	19.9	79.9	0	< -20	0.5	---
		600	5.0	0.3	10.7	0.2	88.8	6	< -20	0.5	---
		900	7.5	0.3	9.9	1.2	88.6	6	< -20	0.5	---
	7/23/2009	0	0.0	0.0	2.0	19.4	78.6	0	-6.0	0.5	19.15
		300	2.5	0.5	12.6	0.0	86.9	10	-23.0	0.5	---
		600	5.0	0.5	12.7	0.0	86.8	10	-36.0	0.5	---
		900	7.5	0.4	13.1	0.0	86.5	8	-45.0	0.5	---
	10/22/2009	0	0.0	0.0	0.1	19.4	80.5	0	0.0	0.5	19.19
		300	2.5	0.0	6.3	9.9	83.8	0	-20.0	0.5	---
		600	5.0	0.0	0.6	18.4	81.0	0	-23.0	0.5	---
		900	7.5	0.0	0.2	19.4	80.4	0	-23.0	0.5	---
	2/3/2010	0	0.0	0.0	0.1	20.1	79.8	0	0.0	0.5	8.21
		300	2.5	0.0	0.7	18.7	80.6	0	-25	0.5	---
		600	5.0	0.0	0.3	19.9	79.8	0	-25	0.5	---
		900	7.5	0.0	0.3	19.9	79.8	0	-25	0.5	---
	5/21/2010	0	0.0	0.2	0.0	19.3	80.5	3	0	0.5	11.40
		300	2.5	6.9	10.4	0.0	82.7	>100	-3	0.5	---
		600	5.0	6.4	9.3	2.5	81.8	>100	-58	0.5	---
		900	7.5	6.0	8.5	4.3	81.2	>100	-65	0.5	---
	7/21/2010	0	0.0	0.0	0.0	17.6	82.4	0	0	0.5	16.73
		300	2.5	4.8	8.4	2.4	84.4	96	-20	0.5	---
		600	5.0	3.2	6.3	5.7	84.8	64	-32	0.5	---
		900	7.5	2.2	5.4	9.0	83.4	44	-37	0.5	---
	10/1/2010	0	0.0	0.0	0.0	20.0	80.0	0	0	0.5	18.71
		300	2.5	2.4	12.9	0.0	84.7	48	-23	0.5	---
		600	5.0	2.3	13.0	0.1	84.6	45	-32	0.5	---
		900	7.5	2.2	13.1	0.1	84.6	44	-40	0.5	---

Table 5
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-3 (Cont.)	1/21/2011	0	0.0	0.0	0.1	20.6	79.3	0	0	0.5	10.81
		300	2.5	0.0	12.8	0.2	87.0	0	-48	0.5	---
		600	5.0	0.0	11.6	2.0	86.4	0	-73	0.5	---
		900	7.5	0.0	8.9	5.8	85.3	0	-85	0.5	---
	4/21/2011	0	0.0	0.0	0.0	20.5	79.5	0	0	0.5	7.46
		300	2.5	0.0	3.0	16.3	80.7	0	-82	0.5	---
		600	5.0	0.0	0.2	20.2	79.6	0	-84	0.5	---
		900	7.5	0.0	0.1	20.3	79.6	0	-80	0.5	---
	7/8/2011	0	0.0	0.0	0.0	20.6	79.4	0	0	0.5	15.22
		300	2.5	0.2	10.0	0.0	89.8	0	-41	0.5	---
		600	5.0	0.2	8.8	0.9	90.1	0	-61	0.5	---
		900	7.5	0.1	8.0	2.2	89.7	0	-72	0.5	---
	10/26/2011	0	0.0	0.0	0.1	21.0	78.9	0	0	0.5	19.23
		300	2.5	0.0	12.7	1.1	86.2	0	-30	0.5	---
		600	5.0	0.0	10.0	5.8	84.2	0	-42	0.5	---
		900	7.5	0.0	7.7	8.9	83.4	0	-47	0.5	---
	1/13/2012	0	0.0	0.0	0.0	21.7	78.3	0	0	0.5	19.90
		300	2.5	0.0	10.0	4.3	85.7	0	-29	0.5	---
		600	5.0	0.0	5.5	11.6	82.9	0	-37	0.5	---
		900	7.5	0.0	4.4	14.0	81.6	0	-37	0.5	---
	4/18/2012	0	0.0	0.0	0.0	20.0	80.0	0	0	0.5	11.36
		300	2.5	0.0	6.4	7.3	86.3	0	-50	0.5	---
		600	5.0	0.0	1.7	16.4	81.9	0	-61	0.5	---
		900	7.5	0.0	0.2	19.7	80.1	0	-61	0.5	---
	7/13/2012	0	0.0	0.0	0.0	21.1	78.9	0	0	0.5	17.93
		300	2.5	0.0	10.8	4.0	85.2	0	-34	0.5	---
		600	5.0	0.0	8.9	6.8	84.3	0	-52	0.5	---
		900	7.5	0.0	6.0	10.9	83.1	0	-60	0.5	---
	10/29/2012	0	0.0	0.0	0.0	21.0	79.0	0	0	0.5	21.07
		300	2.5	0.0	13.0	1.3	85.7	0	-30	0.5	---
		600	5.0	0.0	11.8	3.8	84.4	0	-43	0.5	---
		900	7.5	0.0	10.8	6.0	83.2	0	-50	0.5	---
	2/1/2013	0	0.0	0.0	0.2	20.7	79.1	0	0	0.5	12.65
		300	2.5	0.0	9.7	4.6	85.7	0	-45	0.5	---
		600	5.0	0.0	4.4	12.5	83.1	0	-61	0.5	---
		900	7.5	0.0	0.9	18.7	80.4	0	-65	0.5	---
	6/4/2013	0	0.0	0.0	0.0	20.4	79.6	0	0	0.5	19.52
		300	2.5	4.8	10.0	2.8	82.4	97	-30	0.5	---
		600	5.0	6.3	8.2	6.4	79.1	>100	-47	0.5	---
		900	7.5	14.7	5.6	11.8	67.9	>100	-54	0.5	---
	9/9/2013	0	0.0	0.1	0.1	20.4	79.4	0	0	0.5	21.05
		300	2.5	1.6	13.7	2.8	81.9	31	-22	0.5	---
		600	5.0	0.5	6.7	6.4	86.4	10	-30	0.5	---
		900	7.5	1.7	5.2	11.8	81.3	34	-38	0.5	---
	11/25/2013	0	0.0	0.0	0.1	20.7	79.2	0	0	0.5	21.78
		300	2.5	0.0	11.0	6.2	82.8	0	-26	0.5	---
		600	5.0	0.0	9.5	7.8	82.7	0	-38	0.5	---
		900	7.5	0.0	8.6	9.0	82.4	0	-42	0.5	---
LFG-4	4/22/2003	0	0.0	41.8	1.7	16.6	39.9	>100	0.0	1.0	---
		138	2.3	0.7	3.3	15.4	80.6	14	nm	nm	---
		276	4.6	0.5	1.7	16.3	81.5	10	nm	nm	---
		414	6.9	0.5	3.2	15.6	80.7	10	1.2	0.8	---
	11/14/2003	0	0.0	0.0	0.5	20.2	78.7	0	nm	0.5	10.58
		192	1.6	0.0	5.1	16.9	78.0	0	nm	0.5	---
		348	3.2	0.0	5.1	16.9	78.2	0	nm	0.5	---
		576	4.8	0.0	4.9	17.0	78.1	0	-11.1	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-4 (Cont.)	2/11/2004	0	0.0	0.0	0.2	19.9	80.2	0	1.2	0.5	9.58
		180	1.5	0.0	3.4	13.8	82.8	0	nm	0.5	---
		360	3.0	0.0	3.4	13.9	82.7	0	nm	0.5	---
		540	4.5	0.0	3.3	13.8	82.8	0	-14.7	0.5	---
	5/12/2004	0	0.0	0.1	0.0	20.4	79.6	2	1.9	0.5	9.03
		168	1.4	0.0	4.7	14.2	81.0	0	nm	0.5	---
		336	2.8	0.0	4.7	14.1	81.0	0	nm	0.5	---
		504	4.2	0.0	4.8	14.3	80.8	0	-10.2	0.5	---
	8/31/2004	0	0.0	0.0	5.7	16.0	78.3	0	0.2	0.5	10.21
		200	1.7	0.0	5.7	15.9	78.4	0	nm	0.5	---
		400	3.4	0.0	5.9	16.0	78.1	0	nm	0.5	---
		600	5.0	0.0	5.9	16.0	78.1	0	-13.2	0.5	---
	11/17/2004	0	0.0	0.0	5.9	16.0	78.1	0	0.0	0.5	10.52
		200	1.7	0.0	5.8	15.6	78.6	0	nm	0.5	---
		400	3.4	0.0	6.0	15.6	78.4	0	nm	0.5	---
		600	5.0	0.0	5.8	15.9	78.3	0	-6.2	0.5	---
	2/2/2005	0	0.0	0.0	2.3	12.6	85.1	0	-0.9	0.5	8.91
		200	1.7	0.0	4.2	12.6	83.2	0	nm	0.5	---
		400	3.4	0.0	4.3	12.4	83.3	0	nm	0.5	---
		600	5.0	0.0	4.2	12.5	83.3	0	-3.0	0.5	---
	5/18/2005	0	0.0	0.5	5.7	12.4	81.4	10	0.0	0.5	9.78
		200	1.7	0.1	6.0	10.9	83.0	2	nm	0.5	---
		400	3.4	0.0	6.0	10.9	83.1	0	nm	0.5	---
		600	5.0	0.0	6.0	11.0	83.0	0	-8.2	0.5	---
	8/10/2005	0	0.0	0.1	6.2	15.2	78.5	2	-2.1	0.5	9.65
		200	1.7	0.1	6.3	15.0	78.6	2	nm	0.5	---
		400	3.4	0.1	6.3	15.1	78.5	2	nm	0.5	---
		600	5.0	0.0	6.3	15.1	78.6	0	-2.1	0.5	---
	11/30/2005	0	0.0	0.0	5.8	18.0	76.2	0	-1.6	0.5	10.65
		200	1.7	0.0	5.9	17.7	76.4	0	nm	0.5	---
		400	3.4	0.0	5.9	17.7	76.4	0	nm	0.5	---
		600	5.0	0.0	5.8	17.8	76.4	0	-1.6	0.5	---
	2/17/2006	0	0.0	0.1	6.2	15.2	78.5	2	-2.1	0.5	9.16
		200	1.7	0.1	6.3	15.0	78.6	2	nm	0.5	---
		400	3.4	0.1	6.3	15.1	78.5	2	nm	0.5	---
		600	5.0	0.0	6.3	15.1	78.6	0	-2.1	0.5	---
	5/26/2006	0	0.0	0.0	5.2	4.4	90.4	0	-1.2	0.5	8.22
		200	1.7	0.0	5.3	4.4	90.3	0	nm	0.5	---
		400	3.4	0.0	5.4	4.4	90.2	0	nm	0.5	---
		600	5.0	0.0	5.4	4.6	90.0	0	-7.6	0.5	---
	8/25/2006	0	0.0	0.2	4.5	17.0	78.3	4	nm ⁽²⁾	0.5	8.22
		200	1.7	0.1	7.0	14.7	78.2	1	nm ⁽²⁾	0.5	---
		400	3.4	0.2	7.1	14.8	77.9	4	nm ⁽²⁾	0.5	---
		600	5.0	0.2	7.1	14.9	77.8	4	nm ⁽²⁾	0.5	---
	11/22/2006	0	0.0	0.0	6.2	16.8	77.0	0	0.38	0.5	10.68
		200	1.7	0.0	6.1	16.6	77.3	0	nm	0.5	---
		400	3.4	0.0	6.1	16.7	77.2	0	nm	0.5	---
		600	5.0	0.1	6.1	16.7	77.1	1	0.38	0.5	---
	2/17/2007	0	0.0	0.0	4.1	16.3	79.6	0	0.31	0.5	10.33
		200	1.7	0.0	4.2	16.9	78.9	0	nm	0.5	---
		400	3.4	0.0	4.2	17.1	78.7	0	nm	0.5	---
		600	5.0	0.0	4.1	17.1	78.8	1	0.31	0.5	---
	5/31/2007	0	0.0	0.0	4.7	17.0	78.3	0	nm	0.5	10.05
		200	1.7	0.0	4.9	16.8	78.3	0	nm	0.5	---
		400	3.4	0.0	4.9	16.9	78.2	0	nm	0.5	---
		600	5.0	0.0	5.0	16.9	78.1	0	nm	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition (%)			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄	CO ₂	O ₂ (5)					
LFG-4 (Cont.)	8/31/2007	0	0.0	0.0	2.6	19.3	78.1	0	nm	0.5	10.64
		200	1.7	0.0	5.6	17.3	77.1	0	nm	0.5	---
		400	3.4	0.0	5.6	17.2	77.2	0	nm	0.5	---
		600	5.0	0.0	5.6	17.2	77.2	0	-19.3	0.5	---
	11/30/2007	0	0.0	0.0	5.2	17.1	77.7	0	nm	0.5	10.43
		200	1.7	0.0	5.1	17.2	77.7	0	nm	0.5	---
		400	3.4	0.0	5.1	17.2	77.7	0	nm	0.5	---
		600	5.0	0.0	5.1	17.2	77.7	0	-15.6	0.5	---
	2/14/2008	0	0.0	0.0	4.5	17.5	78.0	0	nm	0.5	6.35
		200	1.7	0.0	5.9	16.4	77.8	0	nm	0.5	---
		400	3.4	0.0	5.9	16.4	77.7	0	nm	0.5	---
		600	5.0	0.0	6.0	16.4	77.6	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	4.2	14.9	80.9	0	nm	0.5	9.73
		200	1.7	0.0	4.2	14.9	80.9	0	nm	0.5	---
		400	3.4	0.0	4.2	15.0	80.8	0	nm	0.5	---
		600	5.0	0.0	4.2	14.9	80.9	0	-22.00	0.5	---
	7/15/2008	0	0.0	0.1	0.2	21.1	78.6	0	nm	0.5	10.34
		200	1.7	0.0	5.2	16.5	78.3	0	-1.3	0.5	---
		400	3.4	0.0	5.2	16.5	78.3	0	-1.3	0.5	---
		600	5.0	0.0	5.2	16.6	78.2	0	-1.3	0.5	---
	10/29/2008	0	0.0	0.0	3.1	18.0	78.9	0	-0.8	0.5	10.95
		200	1.7	0.1	5.4	16.1	78.4	0	-0.8	0.5	---
		400	3.4	0.0	5.4	16.1	78.5	0	-0.85	0.5	---
		600	5.0	0.0	5.4	16.3	78.3	0	-0.85	0.5	---
	1/30/2009	0	0.0	0.0	3.0	20.1	76.9	0	-1.0	0.5	11.40
		200	1.7	0.0	4.0	19.1	76.9	0	-1.1	0.5	---
		400	3.4	0.0	3.9	19.2	76.9	0	-1.1	0.5	---
		600	5.0	0.0	3.9	19.2	76.9	0	-1.1	0.5	---
	4/21/2009	0	0.0	0.0	0.0	20.8	79.2	0	-0.90	0.5	10.70
		200	1.7	0.0	3.4	14.9	81.7	0	-0.95	0.5	---
		400	3.4	0.0	3.4	14.8	81.8	0	-0.95	0.5	---
		600	5.0	0.0	3.4	14.7	81.9	0	-0.95	0.5	---
	7/23/2009	0	0.0	0.0	0.0	21.2	78.8	0	-0.75	0.5	10.43
		200	1.7	0.0	5.1	16.2	78.7	0	-0.75	0.5	---
		400	3.4	0.0	5.1	16.3	78.6	0	-0.75	0.5	---
		600	5.0	0.0	5.1	16.3	78.6	0	-0.75	0.5	---
	10/22/2009	0	0.0	0.0	0.0	20.1	79.9	0	0.00	0.5	10.70
		200	1.7	0.0	5.2	15.3	79.5	0	-0.66	0.5	---
		400	3.4	0.0	5.2	15.3	79.5	0	-0.66	0.5	---
		600	5.0	0.0	5.1	15.1	79.8	0	-0.67	0.5	---
	2/3/2010	0	0.0	0.0	0.0	19.5	80.5	0	0.0	0.5	10.22
		200	1.7	0.0	2.9	14.6	82.5	0	-3.5	0.5	---
		400	3.4	0.0	3.0	14.5	82.5	0	-3.5	0.5	---
		600	5.0	0.0	3.0	14.5	82.5	0	-3.6	0.5	---
	5/21/2010	0	0.0	0.2	0.0	20.1	79.7	4	0.0	0.5	8.60
		200	1.7	0.2	4.3	1.9	93.6	4	-4.5	0.5	---
		400	3.4	0.2	4.4	1.9	93.5	4	-4.5	0.5	---
		600	5.0	0.2	4.6	1.8	93.4	4	-4.5	0.5	---
	7/21/2010	0	0.0	0.0	0.0	18.7	81.3	0	0.0	0.5	9.60
		200	1.7	0.0	6.5	4.8	88.7	0	-2.4	0.5	---
		400	3.4	0.0	6.5	4.9	88.6	0	-2.4	0.5	---
		600	5.0	0.0	6.5	5.0	88.5	0	-2.4	0.5	---
	10/1/2010	0	0.0	0.0	0.0	20.8	79.2	0	0.0	0.5	10.33
		200	1.7	0.0	7.5	13.1	79.4	0	-1.1	0.5	---
		400	3.4	0.0	7.4	13.1	79.5	0	-1.1	0.5	---
		600	5.0	0.0	7.5	13.1	79.4	0	-1.1	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-4 (Cont.)	1/21/2011	0	0.0	0.0	0.1	20.4	79.5	0	0.0	0.5	9.96
		200	1.7	0.0	5.2	11.2	83.6	0	-2.3	0.5	---
		400	3.4	0.0	5.2	10.9	83.9	0	-2.4	0.5	---
		600	5.0	0.0	5.2	10.9	83.9	0	-2.4	0.5	---
	4/21/2011	0	0.0	0.0	0.0	20.9	79.1	0	0.0	0.5	7.26
		200	1.7	0.0	4.0	4.4	91.6	0	-28.0	0.5	---
		400	3.4	0.0	4.4	3.7	91.9	0	-28.0	0.5	---
		600	5.0	0.0	5.0	2.6	92.4	0	-28.0	0.5	---
	7/8/2011	0	0.0	0.0	0.0	20.6	79.4	0	0.0	0.5	9.15
		200	1.7	0.0	7.1	2.8	90.1	0	-4.5	0.5	---
		400	3.4	0.0	7.1	2.8	90.1	0	-4.5	0.5	---
		600	5.0	0.0	7.1	2.8	90.1	0	-4.5	0.5	---
	10/26/2011	0	0.0	0.0	0.0	21.2	78.8	0	0.0	0.5	10.42
		200	1.7	0.0	9.0	13.3	77.7	0	-1.5	0.5	---
		400	3.4	0.0	9.0	13.3	77.7	0	-1.5	0.5	---
		600	5.0	0.0	9.0	13.3	77.7	0	-1.5	0.5	---
	1/13/2012	0	0.0	0.0	0.0	22.0	78.0	0	0.0	0.5	10.81
		200	1.7	0.0	5.3	17.2	77.5	0	-1.5	0.5	---
		400	3.4	0.0	5.3	17.1	77.6	0	-1.5	0.5	---
		600	5.0	0.0	5.3	17.2	77.5	0	-1.5	0.5	---
	4/18/2012	0	0.0	0.0	0.0	20.3	79.7	0	0.0	0.5	10.58
		200	1.7	0.0	4.5	13.1	82.4	0	-11.0	0.5	---
		400	3.4	0.0	4.7	12.9	82.4	0	-11.0	0.5	---
		600	5.0	0.0	5.0	12.7	82.3	0	-11.0	0.5	---
	7/13/2012	0	0.0	0.0	0.0	20.4	79.6	0	0.0	0.5	10.41
		200	1.7	0.0	8.8	10.7	80.5	0	-2.0	0.5	---
		400	3.4	0.0	8.8	10.7	80.5	0	-2.0	0.5	---
		600	5.0	0.0	8.8	11.1	80.1	0	-2.0	0.5	---
	10/29/2012	0	0.0	0.0	0.0	20.6	79.4	0	0.0	0.5	10.78
		200	1.7	0.0	8.3	14.2	77.5	0	-1.5	0.5	---
		400	3.4	0.0	8.2	14.3	77.5	0	-1.5	0.5	---
		600	5.0	0.0	8.3	14.2	77.5	0	-1.5	0.5	---
	2/1/2013	0	0.0	0.0	0.2	20.7	79.1	0	0.0	0.5	9.55
		200	1.7	0.0	5.7	9.3	85.0	0	-3.0	0.5	---
		400	3.4	0.0	5.7	9.3	85.0	0	-3.0	0.5	---
		600	5.0	0.0	5.7	9.3	85.0	0	-3.0	0.5	---
	6/4/2013	0	0.0	0.0	0.0	20.5	79.5	0	0.0	0.5	10.61
		200	1.7	0.0	7.3	12.4	80.3	0	-1.4	0.5	---
		400	3.4	0.0	7.3	12.4	80.3	0	-1.4	0.5	---
		600	5.0	0.0	7.3	12.4	80.3	0	-1.4	0.5	---
	9/9/2013	0	0.0	0.1	0.1	19.3	80.5	0	0.0	0.5	10.94
		200	1.7	0.1	9.8	11.8	78.3	1	0.0	0.5	---
		400	3.4	0.1	9.8	11.8	78.3	1	0.0	0.5	---
		600	5.0	0.0	9.7	11.0	79.3	0	0.0	0.5	---
	11/25/2013	0	0.0	0.0	0.1	20.8	79.1	0	0.0	0.5	11.21
		200	1.7	0.1	7.5	15.2	77.2	1	-1.5	0.5	---
		400	3.4	0.1	7.4	15.2	77.3	1	-1.5	0.5	---
		600	5.0	0.1	7.5	15.2	77.2	1	-1.5	0.5	---
LFG-5	11/14/2003	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.17
	2/11/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.95
	5/12/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.05
	8/31/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.88
	11/17/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.01
	2/2/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.32
	5/18/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.73
	8/10/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.93
	11/30/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.89
	2/17/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.69
	5/26/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.36
	8/25/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.60

Table 5
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)						
LFG-5 (Cont.)	11/22/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.85	
	2/17/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.40	
	5/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.70	
	8/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.92	
	11/30/2007	0	0.0	0.0	0.0	3.9	12.6	83.5	0	nm	0.5	7.70
		200	1.7	0.0	4.2	12.4	83.4	0	nm	0.5	---	
		400	3.4	0.0	4.2	12.4	83.4	0	nm	0.5	---	
		600	5.0	0.0	4.2	12.4	83.4	0	-12.7	0.5	---	
	2/14/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.72	
		5/12/2008	NA	ng	ng	ng	ng	ng	ng	ng	3.57	
	7/15/2008	0	0.0	0.0	0.0	0.0	21.7	78.3	0	nm	0.5	5.50
		200	1.7	0.1	0.0	0.0	21.7	78.2	1	-10.5	0.5	---
		400	3.4	0.0	0.0	0.0	21.7	78.3	0	-10.5	0.5	---
		600	5.0	0.0	0.0	0.0	21.8	78.2	0	-10.5	0.5	---
	10/29/2008	0	0.0	0.1	3.3	16.7	79.9	79.9	1	-0.10	0.5	8.65
		200	1.7	0.0	5.5	13.5	81.0	81.0	0	-0.15	0.5	---
		400	3.4	0.0	5.4	13.9	80.7	80.7	0	-0.15	0.5	---
		600	5.0	0.0	5.2	14.0	80.8	80.8	0	-0.15	0.5	---
	1/30/2009	0	0.0	0.0	0.1	21.9	78.0	78.0	0	< -20	0.5	5.50
		200	1.7	0.0	0.1	21.9	78.0	78.0	0	< -20	0.5	---
		400	3.4	0.0	0.1	21.9	78.0	78.0	0	< -20	0.5	---
		600	5.0	0.0	0.1	21.9	78.0	78.0	0	< -20	0.5	---
	4/21/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.95	
	7/23/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.53	
	10/22/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.48	
	2/3/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.39	
	5/21/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.65	
	7/21/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.90	
	10/1/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.20	
	1/21/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.05	
	4/21/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.34	
	7/8/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.80	
	10/26/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.22	
	1/13/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.48	
	4/18/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.88	
	7/13/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.41	
	10/29/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.32	
	2/1/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.52	
	6/4/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.47	
	9/9/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.47	
11/25/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.87		
LFG-6	11/14/2003	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.56	
	2/11/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.15	
	5/12/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.92	
	8/31/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.75	
	11/17/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.81	
	2/2/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.52	
	5/18/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.76	
	8/10/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.20	
	11/30/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.17	
	2/17/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.20	
	5/26/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.00	
	8/25/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.84	
	11/22/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.70	
	2/17/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.32	
	5/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.53	
	8/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.98	
	11/30/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.61	
	2/14/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.10	
	5/12/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.95	
	7/15/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.16	

Table 5
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Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-6 (Cont.)	10/29/2008	0	0.0	0.0	0.1	20.4	79.5	0	-2.4	0.5	5.40
		200	1.7	0.0	0.0	20.7	79.3	0	-2.4	0.5	---
		400	3.4	0.1	0.0	20.6	79.3	1	-2.4	0.5	---
		600	5.0	0.0	0.0	20.7	79.3	0	-2.4	0.5	---
	1/30/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.80
	4/21/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.26
	7/23/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	10/22/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	2/3/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	5/21/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	7/21/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	10/1/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	1/21/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	4/21/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.52
	7/8/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	10/26/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	1/13/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	4/18/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	7/13/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	10/29/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
2/1/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled	
6/4/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled	
9/9/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled	
11/25/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.26	
LFG-7	11/14/2003	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.87
	2/11/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.09
	5/12/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.09
	8/31/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.35
	11/17/2004	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.39
	2/2/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.83
	5/18/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.02
	8/10/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.54
	11/30/2005	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.64
	2/17/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.60
	5/26/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.10
	8/25/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.54
	11/22/2006	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.23
	2/17/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.87
	5/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.06
	8/31/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.74
	11/30/2007	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.25
	2/14/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.35
	5/12/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.65
	7/15/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	3.81
	10/29/2008	NA	ng	ng	ng	ng	ng	ng	ng	ng	4.96
	1/30/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.60
	4/21/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.03
	7/23/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.20
	10/22/2009	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.73
	2/3/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	5/21/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	7/21/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled
	10/1/2010	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.80
	1/21/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.91
	4/21/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.65
7/8/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled	
10/26/2011	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled	
1/13/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.45	
4/18/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	Filled	
7/13/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.01	
10/29/2012	NA	ng	ng	ng	ng	ng	ng	ng	ng	0.84	
2/1/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	2.27	
6/4/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.23	
9/9/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.20	
11/25/2013	NA	ng	ng	ng	ng	ng	ng	ng	ng	1.45	

Table 5
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Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-8	5/31/2007	0	0.0	0.0	0.0	20.8	79.2	0	nm	0.5	dry
		200	1.0	1.0	0.9	15.8	82.3	19	nm	0.5	---
		400	3.4	0.2	0.9	15.8	83.1	3	nm	0.5	---
		600	5.0	0.0	0.8	15.8	83.4	1	nm	0.5	---
	8/31/2007	0	0.0	0.0	1.2	18.2	80.6	0	nm	0.5	dry
		200	1.7	0.0	1.3	17.9	80.8	0	nm	0.5	---
		400	3.4	0.0	1.3	18.0	80.7	0	nm	0.5	---
		600	5.0	0.0	1.3	18.0	80.7	0	-14.3	0.5	---
	11/30/2007	0	0.0	0.0	5.6	12.8	81.6	0	nm	0.5	dry
		200	1.7	0.0	6.2	12.0	81.8	0	nm	0.5	---
		400	3.4	0.0	6.5	11.5	82.0	0	nm	0.5	---
		600	5.0	0.0	6.5	11.4	82.1	0	-12.8	0.5	---
	2/14/2008	0	0.0	0.0	0.6	19.5	79.9	0	nm	0.5	dry
		200	1.7	0.0	1.0	18.1	80.9	0	nm	0.5	---
		400	3.4	0.0	1.1	18.2	80.7	0	nm	0.5	---
		600	5.0	0.0	1.3	18.2	80.5	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	2.0	13.8	84.2	0	nm	0.5	dry
		200	1.7	0.0	2.5	11.9	85.6	0	nm	0.5	---
		400	3.4	0.0	2.5	11.8	85.7	0	nm	0.5	---
		600	5.0	0.0	2.5	12.3	85.2	0	-13.9	0.5	---
	7/15/2008	0	0.0	0.0	1.1	20.0	78.9	0	nm	0.5	dry
		200	1.7	0.0	2.1	18.5	79.4	0	-0.1	0.5	---
		400	3.4	0.0	2.1	18.6	79.3	0	-0.1	0.5	---
		600	5.0	0.0	2.0	18.6	79.4	0	-0.1	0.5	---
	10/29/2008	0	0.0	0.0	1.2	19.3	79.5	0	-0.15	0.5	dry
		200	1.7	0.0	1.9	18.3	79.8	0	-0.15	0.5	---
		400	3.4	0.0	1.8	18.2	80.0	0	-0.15	0.5	---
		600	5.0	0.0	1.8	18.2	80.0	0	-0.15	0.5	---
	1/30/2009	0	0.0	0.0	0.0	21.0	79.0	0	-0.50	0.5	dry
		200	1.7	0.0	0.0	16.2	83.8	0	-0.85	0.5	---
		400	3.4	0.0	0.0	16.1	83.9	0	-0.92	0.5	---
		600	5.0	0.0	0.0	16.0	84.0	0	-0.94	0.5	---
	4/21/2009	0	0.0	0.0	0.0	16.4	83.6	0	-0.50	0.5	dry
		200	1.7	0.0	1.1	10.4	88.5	0	-1.25	0.5	---
		400	3.4	0.0	1.3	9.9	88.8	0	-1.30	0.5	---
		600	5.0	0.0	1.3	10.0	88.7	0	-1.30	0.5	---
	7/23/2009	0	0.0	0.0	2.3	19.5	78.2	0	0.0	0.5	dry
		200	1.7	0.0	2.7	18.6	78.7	0	0.0	0.5	---
		400	3.4	0.0	2.8	18.4	78.8	0	0.0	0.5	---
		600	5.0	0.0	2.8	18.4	78.8	0	0.0	0.5	---
	10/22/2009	0	0.0	0.0	0.1	19.7	80.2	0	0.0	0.5	dry
		200	1.7	0.0	1.5	15.9	82.6	0	-0.13	0.5	---
		400	3.4	0.0	1.6	15.7	82.7	0	-0.13	0.5	---
		600	5.0	0.0	1.6	15.5	82.9	0	-0.13	0.5	---
	2/3/2010	0	0.0	0.0	0.0	20.6	79.4	0	0.0	0.5	7.51
		200	1.7	0.0	0.2	20.4	79.4	0	-25	0.5	---
		400	3.4	0.0	0.2	20.4	79.4	0	-31	0.5	---
		600	5.0	0.0	0.1	20.5	79.4	0	-31	0.5	---
5/21/2010	0	0.0	0.2	0.0	19.9	79.9	3	0.0	0.5	dry	
	200	1.7	0.2	0.9	15.3	83.6	3	-3.9	0.5	---	
	400	3.4	0.2	1.1	14.4	84.3	3	-4.0	0.5	---	
	600	5.0	0.2	1.1	14.4	84.3	3	-4.1	0.5	---	
7/21/2010	0	0.0	0.0	0.0	19.5	80.5	0	0.0	0.5	dry	
	200	1.7	0.0	2.8	13.4	83.8	0	0.0	0.5	---	
	400	3.4	0.0	2.9	13.3	83.8	0	0.0	0.5	---	
	600	5.0	0.0	2.9	13.3	83.8	0	0.0	0.5	---	

Table 5
Landfill Gas Perimeter Monitoring Results
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Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition (%)			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄	CO ₂	O ₂ (5)					
LFG-8 (Cont.)	10/1/2010	0	0.0	0.0	20.2	79.8	0	0.0	0.5	dry	
		200	1.7	0.0	2.0	18.1	79.9	0	0.0	0.5	---
		400	3.4	0.0	2.2	17.7	80.1	0	0.0	0.5	---
		600	5.0	0.0	2.2	17.8	80.0	0	0.0	0.5	---
	1/21/2011	0	0.0	0.0	0.1	21.6	78.3	0	0.0	0.5	11.55
		200	1.7	0.0	0.8	16.7	82.5	0	-6.0	0.5	---
		400	3.4	0.0	1.1	15.2	83.7	0	-6.8	0.5	---
		600	5.0	0.0	1.1	15.0	83.9	0	-7.0	0.5	---
	4/21/2011	0	0.0	0.0	0.0	20.8	79.2	0	0.0	0.5	10.75
		200	1.7	0.0	1.9	11.2	86.9	0	-3.25	0.5	---
		400	3.4	0.0	1.9	11.1	87.0	0	-3.25	0.5	---
		600	5.0	0.0	1.9	11.2	86.9	0	-3.25	0.5	---
	7/8/2011	0	0.0	0.0	0.0	21.4	78.6	0	0.0	0.5	dry
		200	1.7	0.0	3.2	17.3	79.5	0	0.0	0.5	---
		400	3.4	0.0	3.1	17.4	79.5	0	0.0	0.5	---
		600	5.0	0.0	3.2	17.3	79.5	0	0.0	0.5	---
	10/26/2011	0	0.0	0.0	0.0	21.4	78.6	0	0.0	0.5	dry
		200	1.7	0.0	2.0	19.7	78.3	0	0.0	0.5	---
		400	3.4	0.1	2.3	19.4	78.2	0	0.0	0.5	---
		600	5.0	0.1	2.3	19.4	78.2	0	0.0	0.5	---
	1/13/2012	0	0.0	0.0	0.0	22.1	77.9	0	0.0	0.5	dry
		200	1.7	0.0	1.3	20.6	78.1	0	0.0	0.5	---
		400	3.4	0.0	1.3	20.6	78.1	0	0.0	0.5	---
		600	5.0	0.0	1.3	20.6	78.1	0	0.0	0.5	---
	4/18/2012	0	0.0	0.0	0.0	20.8	79.2	0	0.0	0.5	8.59
		200	1.7	0.0	0.9	16.3	82.8	0	-8.25	0.5	---
		400	3.4	0.0	1.0	15.8	83.2	0	-8.50	0.5	---
		600	5.0	0.0	1.0	15.8	83.2	0	-8.50	0.5	---
	7/13/2012	0	0.0	0.0	0.0	20.9	79.1	0	0.0	0.5	dry
		200	1.7	0.0	3.0	17.0	80.0	0	-0.20	0.5	---
		400	3.4	0.0	3.0	17.0	80.0	0	-0.20	0.5	---
		600	5.0	0.0	3.0	17.1	79.9	0	-0.20	0.5	---
	10/29/2012	0	0.0	0.0	0.0	20.9	79.1	0	0.0	0.5	dry
		200	1.7	0.0	1.8	18.9	79.3	0	-0.20	0.5	---
		400	3.4	0.0	1.9	18.8	79.3	0	-0.20	0.5	---
		600	5.0	0.0	1.9	18.8	79.3	0	-0.20	0.5	---
	2/1/2013	0	0.0	0.0	0.2	20.8	79.0	0	0.0	0.5	dry
		200	1.7	0.0	2.1	12.6	85.3	0	0.0	0.5	---
		400	3.4	0.0	2.1	12.6	85.3	0	0.0	0.5	---
		600	5.0	0.0	2.0	12.7	85.3	0	0.0	0.5	---
	6/4/2013	0	0.0	0.0	0.0	20.7	79.3	0	0.0	0.5	dry
		200	1.7	0.0	2.2	17.8	80.0	0	0.0	0.5	---
		400	3.4	0.0	2.2	17.7	80.1	0	0.0	0.5	---
		600	5.0	0.0	2.2	17.8	80.0	0	0.0	0.5	---
	9/9/2013	0	0.0	0.1	0.1	19.2	80.6	1	0.0	0.5	dry
		200	1.7	0.1	1.6	17.7	80.6	1	0.0	0.5	---
		400	3.4	0.1	2.1	17.1	80.7	1	0.0	0.5	---
		600	5.0	0.0	2.1	17.0	80.9	0	0.0	0.5	---
11/25/2013	0	0.0	0.0	0.1	20.8	79.1	0	0.0	0.5	dry	
	200	1.7	0.0	1.7	19.0	79.3	0	0.0	0.5	---	
	400	3.4	0.0	1.7	19.0	79.3	0	0.0	0.5	---	
	600	5.0	0.0	1.8	18.9	79.3	0	0.0	0.5	---	
LFG-9	5/31/2007	0	0.0	0.0	10.3	11.6	78.1	0	nm	0.5	dry
		200	1.7	0.1	13.4	6.5	80.0	1	nm	0.5	---
		400	3.4	0.0	13.0	6.7	80.3	1	nm	0.5	---
		600	5.0	0.0	13.0	6.7	80.3	1	nm	0.5	---

Table 5
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition (%)			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄	CO ₂	O ₂ (5)					
LFG-9 (Cont.)	8/31/2007	0	0.0	0.0	4.3	13.7	82.0	0	nm	0.5	dry
		200	1.7	0.0	5.7	11.5	82.8	0	nm	0.5	---
		400	3.4	0.0	5.7	11.4	82.9	0	nm	0.5	---
		600	5.0	0.0	5.7	11.4	82.9	0	-12.9	0.5	---
	11/30/2007	0	0.0	0.0	8.2	6.6	85.2	0	nm	0.5	dry
		200	1.7	0.0	9.2	5.1	85.7	0	nm	0.5	---
		400	3.4	0.0	10.2	3.8	86.0	0	nm	0.5	---
		600	5.0	0.0	10.2	3.8	86.0	0	-13.0	0.5	---
	2/14/2008	0	0.0	0.0	9.3	12.7	78.1	0	nm	0.5	dry
		200	1.7	0.0	9.6	10.0	80.5	0	nm	0.5	---
		400	3.4	0.0	11.1	9.1	79.9	0	nm	0.5	---
		600	5.0	0.0	10.3	9.1	80.7	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	6.0	15.4	78.6	0	nm	0.5	dry
		200	1.7	0.0	5.9	15.4	78.7	0	nm	0.5	---
		400	3.4	0.0	6.0	15.4	78.6	0	nm	0.5	---
		600	5.0	0.0	5.9	15.4	78.7	0	-12.5	0.5	---
	7/15/2008	0	0.0	0.0	5.3	12.9	81.8	0	nm	0.5	dry
		200	1.7	0.1	5.3	12.8	81.8	1	-0.1	0.5	---
		400	3.4	0.1	5.3	12.9	81.7	1	-0.1	0.5	---
		600	5.0	0.0	5.3	12.8	81.9	0	-0.1	0.5	---
	10/29/2008	0	0.0	0.0	5.7	13.1	81.2	0	-0.15	0.5	dry
		200	1.7	0.0	7.3	8.4	84.3	0	-0.15	0.5	---
		400	3.4	0.0	7.2	8.5	84.3	0	-0.15	0.5	---
		600	5.0	0.0	7.3	8.4	84.3	0	-0.15	0.5	---
	1/30/2009	0	0.0	0.0	5.3	12.9	81.8	0	0.0	0.5	dry
		200	1.7	0.0	11.6	3.0	85.4	0	0.0	0.5	---
		400	3.4	0.0	11.5	2.9	85.6	0	0.0	0.5	---
		600	5.0	0.0	11.4	2.9	85.7	0	0.0	0.5	---
	4/21/2009	0	0.0	0.0	0.0	16.5	83.5	0	0.0	0.5	dry
		200	1.7	0.0	0.8	15.7	83.5	0	0.0	0.5	---
		400	3.4	0.0	4.5	13.0	82.5	0	0.0	0.5	---
		600	5.0	0.0	4.5	13.1	82.4	0	0.0	0.5	---
	7/23/2009	0	0.0	0.1	2.2	20.0	77.7	1.0	0.0	0.5	dry
		200	1.7	0.0	4.6	15.9	79.5	0.0	0.0	0.5	---
		400	3.4	0.0	4.6	15.9	79.5	0.0	0.0	0.5	---
		600	5.0	0.0	4.6	15.8	79.6	0.0	0.0	0.5	---
	10/22/2009	0	0.0	0.0	0.2	20.2	79.6	0.0	0.0	0.5	dry
		200	1.7	0.0	8.9	4.7	86.4	0.0	0.0	0.5	---
		400	3.4	0.0	9.6	3.3	87.1	0.0	0.0	0.5	---
		600	5.0	0.0	9.6	3.2	87.2	0.0	0.0	0.5	---
	2/3/2010	0	0.0	0.0	0.0	20.8	79.2	0.0	0.0	0.5	dry
		200	1.7	7.8	13.5	0.0	78.7	>100	0.0	0.5	---
		400	3.4	7.8	13.6	0.0	78.6	>100	0.0	0.5	---
		600	5.0	7.7	13.7	0.0	78.6	>100	0.0	0.5	---
	5/21/2010	0	0.0	0.2	0.0	20.0	79.8	4	0.0	0.5	dry
		200	1.7	1.8	14.5	0.0	83.7	36	0.0	0.5	---
		400	3.4	1.6	14.8	0.0	83.6	32	0.0	0.5	---
		600	5.0	1.5	14.8	0.0	83.7	30	0.0	0.5	---
	7/21/2010	0	0.0	0.0	0.0	19.6	80.4	0.0	0.0	0.5	dry
		200	1.7	0.0	5.3	13.5	81.2	0.0	0.0	0.5	---
		400	3.4	0.0	5.3	13.6	81.1	0.0	0.0	0.5	---
		600	5.0	0.0	5.3	13.7	81.0	0.0	0.0	0.5	---
	10/1/2010	0	0.0	0.0	0.0	20.3	79.7	0.0	0.0	0.5	dry
		200	1.7	0.0	6.8	10.0	83.2	0.0	0.0	0.5	---
		400	3.4	0.0	6.8	10.0	83.2	0.0	0.0	0.5	---
		600	5.0	0.0	6.8	10.0	83.2	0.0	0.0	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Gas Composition (%)			Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄	CO ₂	O ₂ (5)					
LFG-9 (Cont.)	1/21/2011	0	0.0	0.0	0.1	21.6	78.3	0.0	0.0	0.5	dry
		200	1.7	5.8	11.1	4.4	78.7	>100	0.0	0.5	---
		400	3.4	7.4	14.1	0.0	78.5	>100	0.0	0.5	---
		600	5.0	7.4	14.1	0.0	78.5	>100	0.0	0.5	---
	4/21/2011	0	0.0	0.0	0.0	21.8	78.2	0.0	0.0	0.5	dry
		200	1.7	5.5	13.5	0.3	80.7	>100	0.0	0.5	---
		400	3.4	5.2	13.3	0.1	81.4	>100	0.0	0.5	---
		600	5.0	5.2	13.3	0.0	81.5	>100	0.0	0.5	---
	7/8/2011	0	0.0	0.0	0.0	21.5	78.5	0.0	0.0	0.5	dry
		200	1.7	0.7	15.1	0.0	84.2	14	0.0	0.5	---
		400	3.4	0.8	15.3	0.0	83.9	16	0.0	0.5	---
		600	5.0	0.8	15.4	0.0	83.8	16	0.0	0.5	---
	10/26/2011	0	0.0	0.0	0.0	21.5	78.5	0.0	0.0	0.5	dry
		200	1.7	0.0	7.2	10.8	82.0	0.0	0.0	0.5	---
		400	3.4	0.0	7.2	10.8	82.0	0.0	0.0	0.5	---
		600	5.0	0.0	7.3	10.7	82.0	0.0	0.0	0.5	---
	1/13/2012	0	0.0	0.0	0.0	22.1	77.9	0.0	0.0	0.5	dry
		200	1.7	0.0	6.6	10.5	82.9	0.0	0.0	0.5	---
		400	3.4	0.0	6.6	10.4	83.0	0.0	0.0	0.5	---
		600	5.0	0.0	6.6	10.5	82.9	0.0	0.0	0.5	---
	4/18/2012	0	0.0	0.0	0.0	21.0	79.0	0.0	0.0	0.5	dry
		200	1.7	0.0	6.1	12.1	81.8	0.0	0.0	0.5	---
		400	3.4	0.0	6.0	12.2	81.8	0.0	0.0	0.5	---
		600	5.0	0.0	6.0	12.2	81.8	0.0	0.0	0.5	---
	7/13/2012	0	0.0	0.0	0.0	21.0	79.0	0.0	0.0	0.5	dry
		200	1.7	0.0	2.3	18.7	79.0	0.0	0.0	0.5	---
		400	3.4	0.0	2.3	18.8	78.9	0.0	0.0	0.5	---
		600	5.0	0.0	2.3	18.8	78.9	0.0	0.0	0.5	---
	10/29/2012	0	0.0	0.0	0.0	20.7	79.3	0.0	0.0	0.5	dry
		200	1.7	0.0	4.9	11.7	83.4	0.0	0.0	0.5	---
		400	3.4	0.0	5.0	11.6	83.4	0.0	0.0	0.5	---
		600	5.0	0.0	5.0	11.6	83.4	0.0	0.0	0.5	---
	2/1/2013	0	0.0	0.0	0.2	20.9	78.9	0.0	0.0	0.5	dry
		200	1.7	0.0	5.9	11.2	82.9	0.0	0.0	0.5	---
		400	3.4	0.0	5.9	11.2	82.9	0.0	0.0	0.5	---
		600	5.0	0.0	5.8	11.3	82.9	0.0	0.0	0.5	---
	6/4/2013	0	0.0	0.0	0.0	20.4	79.6	0.0	0.0	0.5	dry
		200	1.7	0.0	2.7	16.9	80.4	0.0	0.0	0.5	---
		400	3.4	0.0	2.7	16.9	80.4	0.0	0.0	0.5	---
		600	5.0	0.0	2.7	17.0	80.3	0.0	0.0	0.5	---
	9/9/2013	0	0.0	0.1	0.1	20.4	79.4	1.0	0.0	0.5	dry
		200	1.7	0.0	3.2	14.4	82.4	0.0	0.0	0.5	---
		400	3.4	0.0	3.2	14.3	82.5	0.0	0.0	0.5	---
		600	5.0	0.0	3.2	14.4	82.4	0.0	0.0	0.5	---
	11/25/2013	0	0.0	0.0	0.1	20.9	79.0	0.0	0.0	0.5	dry
		200	1.7	0.0	5.0	11.6	83.4	0.0	0.0	0.5	---
		400	3.4	0.0	5.1	11.5	83.4	0.0	0.0	0.5	---
		600	5.0	0.0	5.1	11.5	83.4	0.0	0.0	0.5	---
LFG-10	5/31/2007	0	0.0	1.7	6.9	14.2	77.2	>100	nm	0.5	dry
		200	1.7	4.5	8.4	12.6	74.5	>100	nm	0.5	---
		400	3.4	0.7	8.5	13.0	77.8	13	nm	0.5	---
		600	5.0	0.2	8.5	13.0	78.3	4	nm	0.5	---

Table 5
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in.water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
LFG-10 (Cont.)	8/31/2007	0	0.0	0.0	5.0	14.7	80.3	0	nm	0.5	dry
		200	1.7	0.0	5.3	13.6	81.1	0	nm	0.5	---
		400	3.4	0.0	5.2	13.5	81.3	0	nm	0.5	---
		600	5.0	0.0	5.2	13.4	81.4	0	-13.30	0.5	---
	11/30/2007	0	0.0	0.0	1.1	19.1	79.8	0	nm	0.5	dry
		200	1.7	0.0	1.2	18.6	80.2	0	nm	0.5	---
		400	3.4	0.0	1.3	18.6	80.1	0	nm	0.5	---
		600	5.0	0.0	1.2	18.6	80.2	0	-11.5	0.5	---
	2/14/2008	0	0.0	1.5	6.0	14.5	78.1	0	nm	0.5	dry
		200	1.7	0.8	6.3	13.9	79.0	0	nm	0.5	---
		400	3.4	0.8	6.4	13.3	79.6	0	nm	0.5	---
		600	5.0	0.6	6.4	13.2	79.8	0	nm	0.5	---
	5/12/2008	0	0.0	0.0	4.0	17.8	78.2	0	nm	0.5	dry
		200	1.7	0.0	4.5	17.5	78.0	0	nm	0.5	---
		400	3.4	0.0	4.4	17.5	78.1	0	nm	0.5	---
		600	5.0	0.0	4.4	17.5	78.1	0	-12.3	0.5	---
	7/15/2008	0	0.0	0.1	4.3	15.5	80.1	1	nm	0.5	dry
		200	1.7	0.1	4.6	15.1	80.2	1	-0.1	0.5	---
		400	3.4	0.1	4.6	15.2	80.1	1	-0.1	0.5	---
		600	5.0	0.1	4.6	15.2	80.1	1	-0.1	0.5	---
	10/29/2008	0	0.0	0.0	3.3	17.3	79.4	0	-0.1	0.5	dry
		200	1.7	0.0	5.1	13.2	81.7	0	-0.1	0.5	---
		400	3.4	0.0	5.1	13.2	81.7	0	-0.1	0.5	---
		600	5.0	0.0	5.1	13.2	81.7	0	-0.1	0.5	---
	1/30/2009	0	0.0	0.0	3.7	14.5	81.8	0	0.0	0.5	dry
		200	1.7	0.0	5.0	12.4	82.6	0	0.0	0.5	---
		400	3.4	0.0	4.9	12.5	82.6	0	0.0	0.5	---
		600	5.0	0.0	5.0	12.4	82.6	0	0.0	0.5	---
	4/21/2009	0	0.0	0.0	0.0	17.0	83.0	0	0.0	0.5	dry
		200	1.7	0.0	2.8	15.3	81.9	0	0.0	0.5	---
		400	3.4	0.0	2.7	15.4	81.9	0	0.0	0.5	---
		600	5.0	0.0	2.7	15.5	81.8	0	0.0	0.5	---
	7/23/2009	0	0.0	0.0	2.6	21.1	76.3	0	0.0	0.5	dry
		200	1.7	0.0	4.4	17.0	78.6	0	0.0	0.5	---
		400	3.4	0.0	4.3	17.1	78.6	0	0.0	0.5	---
		600	5.0	0.0	4.3	17.2	78.5	0	0.0	0.5	---
	10/22/2009	0	0.0	0.0	0.2	20.3	79.5	0	0.0	0.5	dry
		200	1.7	0.0	5.2	11.5	83.3	0	0.0	0.5	---
		400	3.4	0.0	5.3	11.1	83.6	0	0.0	0.5	---
		600	5.0	0.0	5.3	11.0	83.7	0	0.0	0.5	---
	2/3/2010	0	0.0	0.0	0.0	21.0	79.0	0	0.0	0.5	dry
		200	1.7	0.0	4.8	13.4	81.8	0	0.0	0.5	---
		400	3.4	0.0	5.5	11.5	83.0	0	0.0	0.5	---
		600	5.0	0.0	5.6	11.2	83.2	0	0.0	0.5	---
	5/21/2010	0	0.0	0.2	0.1	19.7	80.0	4	0.0	0.5	dry
		200	1.7	0.2	6.5	10.9	82.4	4	0.0	0.5	---
		400	3.4	0.2	6.5	10.9	82.4	4	0.0	0.5	---
		600	5.0	0.2	6.5	10.8	82.5	4	0.0	0.5	---
	7/21/2010	0	0.0	0.0	0.0	19.5	80.5	0	0.0	0.5	dry
		200	1.7	0.0	4.1	15.1	80.8	0	0.0	0.5	---
		400	3.4	0.0	4.1	15.2	80.7	0	0.0	0.5	---
		600	5.0	0.0	4.1	15.3	80.6	0	0.0	0.5	---
	10/1/2010	0	0.0	0.0	0.0	20.4	79.6	0	0.0	0.5	dry
		200	1.7	0.0	4.6	12.7	82.7	0	0.0	0.5	---
		400	3.4	0.0	4.7	12.8	82.5	0	0.0	0.5	---
		600	5.0	0.0	4.7	12.8	82.5	0	0.0	0.5	---

Table 5
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)						
LFG-10 (Cont.)	1/21/2011	0	0.0	0.0	0.2	21.5	78.3	0	0.0	0.5	dry	
		200	1.7	0.0	5.9	11.6	82.5	0	0.0	0.5	---	
		400	3.4	0.0	6.4	10.2	83.4	0	0.0	0.5	---	
		600	5.0	0.0	6.4	10.0	83.6	0	0.0	0.5	---	
	4/21/2011	0	0.0	0.0	0.0	22.0	78.0	0	0.0	0.5	dry	
		200	1.7	0.0	9.7	4.6	85.7	0	0.0	0.5	---	
		400	3.4	0.0	9.3	4.4	86.3	0	0.0	0.5	---	
		600	5.0	0.0	9.3	4.4	86.3	0	0.0	0.5	---	
	7/8/2011	0	0.0	0.0	0.0	21.5	78.5	0	0.0	0.5	dry	
		200	1.7	0.0	7.7	4.5	87.8	0	0.0	0.5	---	
		400	3.4	0.0	7.6	4.6	87.8	0	0.0	0.5	---	
		600	5.0	0.0	7.7	4.5	87.8	0	0.0	0.5	---	
	10/26/2011	0	0.0	0.0	0.1	21.5	78.4	0	0.0	0.5	dry	
		200	1.7	0.0	5.5	13.5	81.0	0	0.0	0.5	---	
		400	3.4	0.0	5.5	13.5	81.0	0	0.0	0.5	---	
		600	5.0	0.0	5.5	13.5	81.0	0	0.0	0.5	---	
	1/13/2012	0	0.0	0.0	0.0	22.0	78.0	0	0.0	0.5	dry	
		200	1.7	0.0	4.7	15.0	80.3	0	0.0	0.5	---	
		400	3.4	0.0	4.6	14.9	80.5	0	0.0	0.5	---	
		600	5.0	0.0	4.6	14.8	80.6	0	0.0	0.5	---	
	4/18/2012	0	0.0	0.0	0.0	21.1	78.9	0	0.0	0.5	dry	
		200	1.7	0.0	3.6	16.1	80.3	0	0.0	0.5	---	
		400	3.4	0.0	3.5	16.2	80.3	0	0.0	0.5	---	
		600	5.0	0.0	3.5	16.2	80.3	0	0.0	0.5	---	
	7/13/2012	0	0.0	0.0	0.0	21.1	78.9	0	0.0	0.5	dry	
		200	1.7	0.0	2.3	19.0	78.7	0	0.0	0.5	---	
		400	3.4	0.0	2.3	19.0	78.7	0	0.0	0.5	---	
		600	5.0	0.0	2.3	19.1	78.6	0	0.0	0.5	---	
	10/29/2012	0	0.0	0.0	0.0	20.7	79.3	0	0.0	0.5	dry	
		200	1.7	0.0	3.7	15.7	80.6	0	0.0	0.5	---	
		400	3.4	0.0	3.7	15.8	80.5	0	0.0	0.5	---	
		600	5.0	0.0	3.6	15.8	80.6	0	0.0	0.5	---	
	2/1/2013	0	0.0	0.0	0.2	21.0	78.8	0	0.0	0.5	dry	
		200	1.7	0.0	3.1	16.0	80.9	0	0.0	0.5	---	
		400	3.4	0.0	3.1	16.0	80.9	0	0.0	0.5	---	
		600	5.0	0.0	3.0	16.1	80.9	0	0.0	0.5	---	
	6/4/2013	NA										
	9/9/2013	0	0.0	0.0	0.1	20.3	79.6	0	0.0	0.5	dry	
		200	1.7	0.0	3.4	16.3	80.3	0	0.0	0.5	---	
		400	3.4	0.0	3.5	16.2	80.3	0	0.0	0.5	---	
		600	5.0	0.0	3.5	16.3	80.2	0	0.0	0.5	---	
	11/25/2013	0	0.0	0.0	0.1	21.0	78.9	0	0.0	0.5	dry	
		200	1.7	0.0	3.5	15.9	80.6	0	0.0	0.5	---	
		400	3.4	0.0	3.5	15.9	80.6	0	0.0	0.5	---	
		600	5.0	0.0	3.5	16.0	80.5	0	0.0	0.5	---	
	PVT-1	5/31/2007	200	1.7	6.1	18.1	1.4	74.4	>100	nm	0.5	nm
		8/31/2007	200	1.7	0.3	9.5	7.7	82.5	6	nm	0.5	nm
		11/30/2007	300	2.5	7.1	17.0	0.1	75.8	>100	-12.6	0.5	nm
2/14/2008		300	2.5	12.9	16.5	1.8	68.8	>100	nm	0.5	nm	
5/12/2008		300	2.5	3.5	13.2	6.7	76.6	70	0.0	0.5	nm	
7/15/2008		300	2.5	0.8	10.7	6.8	81.7	16	-0.1	0.5	nm	
10/29/2008		300	2.5	0.1	9.0	6.3	84.6	1	-0.1	0.5	nm	
1/30/2009		300	2.5	0.4	2.0	18.8	78.8	8	0.0	0.5	nm	
4/21/2009		300	2.5	0.0	0.0	17.1	82.9	0	0.0	0.5	nm	
7/23/2009		300	2.5	1.6	9.9	9.8	78.7	32	0.0	0.5	nm	
10/22/2009		300	2.5	8.2	19.5	0.0	72.3	>100	0.0	0.5	nm	
2/3/2010		300	2.5	20.3	19.4	0.0	60.3	>100	0.0	0.5	nm	
5/21/2010		300	2.5	9.2	17.3	0.0	73.5	>100	0.0	0.5	nm	
7/21/2010		300	2.5	1.0	10.0	9.0	80.0	20	0.0	0.5	nm	
10/1/2010	300	2.5	0.8	10.4	6.3	82.5	15	0.0	0.5	nm		

Table 5
Landfill Gas Perimeter Monitoring Results
Oyster Point Landfill
South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)	Balance Gas			LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)	
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
PVT-1 (Cont.)	1/21/2011	300	2.5	19.6	20.0	0.0	60.4	>100	0.0	0.5	nm
	4/21/2011	300	2.5	15.0	17.5	0.0	67.5	>100	0.0	0.5	nm
	7/8/2011	300	2.5	7.7	17.7	0.0	74.6	>100	0.0	0.5	nm
	10/26/2011	300	2.5	1.2	12.2	6.8	79.8	24	0.0	0.5	nm
	1/13/2012	300	2.5	0.0	0.5	21.2	78.3	0	0.0	0.5	nm
	4/18/2012	300	2.5	3.2	11.2	6.8	78.8	64	0.0	0.5	nm
	7/13/2012	300	2.5	0.0	6.4	14.0	79.6	0	0.0	0.5	nm
	10/29/2012	300	2.5	0.0	7.2	10.1	82.7	0	0.0	0.5	nm
	2/1/2013	300	2.5	0.0	6.1	11.8	82.1	0	0.0	0.5	nm
	6/4/2013	300	2.5	0.0	5.1	13.9	81.0	0	0.0	0.5	nm
	9/9/2013	300	2.5	0.0	6.0	11.6	82.4	0	0.0	0.5	nm
	11/25/2013	300	2.5	0.0	6.8	10.5	82.7	0	0.0	0.5	nm
	PVT-2	11/30/2007	300	2.5	69.0	18.2	1.2	11.6	>100	-12.0	0.5
2/14/2008		300	2.5	63.1	16.9	1.7	18.3	>100	-12.0	0.5	nm
5/12/2008		300	2.5	54.7	17.8	2.2	25.3	>100	0.0	0.5	nm
7/15/2008		300	2.5	51.5	19.0	1.5	28.0	>100	0.0	0.5	nm
10/29/2008		300	2.5	66.8	19.9	0.0	13.3	>100	0.0	0.5	nm
1/30/2009		300	2.5	78.2	17.5	1.6	2.7	>100	0.0	0.5	nm
4/21/2009		300	2.5	62.7	18.8	0.4	18.1	>100	0.0	0.5	nm
7/23/2009		300	2.5	45.0	18.1	2.7	34.2	>100	0.0	0.5	nm
10/22/2009		300	2.5	69.9	20.1	0.0	10.0	>100	0.0	0.5	nm
2/3/2010		300	2.5	75.5	18.5	0.2	5.8	>100	0.0	0.5	nm
5/21/2010		300	2.5	28.9	12.0	7.0	52.1	58	0.0	0.5	nm
7/21/2010		300	2.5	61.6	20.9	0.0	17.5	>100	0.0	0.5	nm
10/1/2010		300	2.5	57.4	19.6	0.8	22.2	>100	0.0	0.5	nm
1/21/2011		300	2.5	71.0	20.8	0.2	8.0	>100	0.0	0.5	nm
4/21/2011		300	2.5	0.9	0.9	18.7	79.5	18	0.0	0.5	nm
7/8/2011		300	2.5	76.7	22.6	0.0	0.7	>100	0.0	0.5	nm
10/26/2011		300	2.5	50.9	18.2	3.8	27.1	>100	0.0	0.5	nm
1/13/2012		300	2.5	58.2	16.3	3.1	22.4	>100	0.0	0.5	nm
4/18/2012		300	2.5	58.7	16.0	3.1	22.2	>100	0.0	0.5	nm
7/13/2012		300	2.5	43.2	16.8	4.9	35.1	>100	0.0	0.5	nm
10/29/2012		300	2.5	52.5	17.5	2.7	27.3	>100	0.0	0.5	nm
2/1/2013	300	2.5	70.7	19.4	0.0	9.9	>100	0.0	0.5	nm	
6/4/2013	300	2.5	63.7	18.5	1.4	16.4	>100	0.0	0.5	nm	
9/9/2013	300	2.5	69.9	24.4	1.6	4.1	>100	0.0	0.5	nm	
11/25/2013	300	2.5	65.8	21.3	1.6	11.3	>100	0.0	0.5	nm	
PVW-1	11/30/2007	300	2.5	7.2	0.5	7.2	85.1	>100	-15.1	0.5	nm
	2/14/2008	300	2.5	0.0	0.6	19.1	80.3	0	nm	0.5	nm
	5/12/2008	300	2.5	0.0	0.0	21.7	78.3	0	0.0	0.5	nm
	7/15/2008	300	2.5	0.1	0.2	21.0	78.7	1	0.0	0.5	nm
	10/29/2008	300	2.5	0.0	0.1	19.3	80.6	0	0.0	0.5	nm
	1/30/2009	300	2.5	0.0	0.1	21.6	78.3	0	0.0	0.5	nm
	4/21/2009	300	2.5	0.0	0.0	20.3	79.7	0	0.0	0.5	nm
	7/23/2009	300	2.5	0.0	0.0	20.7	79.3	0	0.0	0.5	nm
	10/22/2009	300	2.5	0.0	0.2	19.4	80.4	0	0.0	0.5	nm
	2/3/2010	300	2.5	0.0	0.1	20.2	79.7	0	0.0	0.5	nm
	5/21/2010	300	2.5	0.2	0.0	19.3	80.5	3	0.0	0.5	nm
	7/21/2010	300	2.5	0.0	0.0	17.6	82.4	0	0.0	0.5	nm
	10/1/2010	300	2.5	0.0	0.0	20.0	80.0	0	0.0	0.5	nm
	1/21/2011	300	2.5	0.0	0.2	20.5	79.3	0	0.0	0.5	nm
	4/21/2011	300	2.5	0.0	0.0	20.5	79.5	0	0.0	0.5	nm
	7/8/2011	300	2.5	0.0	0.0	20.1	79.9	0	0.0	0.5	nm
	10/26/2011	300	2.5	0.0	0.1	21.0	78.9	0	0.0	0.5	nm
	1/13/2012	300	2.5	0.0	0.0	21.6	78.4	0	1.0	0.5	nm
	4/18/2012	300	2.5	0.0	0.0	20.1	79.9	0	0.0	0.5	nm
	7/13/2012	300	2.5	0.0	0.0	20.3	79.7	0	0.0	0.5	nm
	10/29/2012	300	2.5	0.0	0.0	21.0	79.0	0	0.0	0.5	nm
2/1/2013	300	2.5	0.0	0.2	20.7	79.1	0	0.0	0.5	nm	
6/4/2013	300	2.5	0.0	0.0	20.4	79.6	0	0.0	0.5	nm	
9/9/2013	300	2.5	0.1	0.1	20.0	79.8	0	0.0	0.5	nm	
11/25/2013	300	2.5	0.0	0.1	20.6	79.3	0	0.0	0.5	nm	
MW-5	11/16/2011	0	0.0	0.0	-	20.9	79.1	0	0.0	0.5	14.21
		300	2.5	9.0	-	11.5	79.5	>100	0.0	0.5	---
		600	5.0	12.0	-	11.8	76.2	>100	0.0	0.5	---

Table 5
 Landfill Gas Perimeter Monitoring Results
 Oyster Point Landfill
 South San Francisco, CA

Well Identification	Date (m/d/y)	Time Elapsed (seconds)	Purged Volume (liters)				Balance Gas (%)	LEL (%)	SP (in. water)	Purge Flow Rate (L/min)	DTW (ft BTOC)
				CH ₄ (%)	CO ₂ (%)	O ₂ (5)					
MW-5 (Cont.)	1/13/2012	0	0.0	0.0	0.0	22.4	77.6	0	0.0	0.5	16.15
		200	1.7	15.3	4.6	5.0	75.1	>100	0.0	0.5	---
		400	3.4	17.3	5.2	2.4	75.1	>100	0.0	0.5	---
		600	5.0	18.5	5.5	0.8	75.2	>100	0.0	0.5	---
		800	6.7	19.0	5.7	0.1	75.2	>100	0.0	0.5	---
	4/18/2012	0	0.0	0.0	0.0	21.5	78.5	0	0.0	0.5	12.94
		300	2.5	18.8	1.8	3.7	75.7	>100	-1.4	0.5	---
		600	5.0	20.3	1.9	2.3	75.5	>100	-1.4	0.5	---
		900	7.5	20.5	2.0	2.1	75.4	>100	-1.4	0.5	---
	7/13/2012	0	0.0	0.0	0.0	21.3	78.7	0	0.0	0.5	12.94
		300	2.5	16.0	5.4	3.2	75.4	>100	-1.4	0.5	---
		600	5.0	17.7	6.0	0.8	75.5	>100	-1.4	0.5	---
		900	7.5	17.8	6.2	0.0	76.0	>100	-1.4	0.5	---
	10/29/2012	0	0.0	0.0	0.0	20.7	79.3	0	0.0	0.5	14.10
		300	2.5	16.6	4.1	2.4	76.9	>100	0.0	0.5	---
		600	5.0	18.0	4.5	0.3	77.2	>100	0.0	0.5	---
		900	7.5	18.3	4.6	0.0	77.1	>100	0.0	0.5	---
	2/1/2013	0	0.0	0.0	0.2	21.2	78.6	0	0.0	0.5	14.68
		300	2.5	15.8	4.2	3.6	76.4	>100	0.0	0.5	---
		600	5.0	17.5	4.6	1.4	76.5	>100	0.0	0.5	---
		900	7.5	18.5	5.0	0.1	76.4	>100	0.0	0.5	---
	6/4/2013	0	0.0	0.0	0.0	20.5	79.5	0	0.0	0.5	15.01
		300	2.5	17.3	4.5	4.1	74.1	>100	0.0	0.5	---
		600	5.0	20.2	5.2	1.4	73.2	>100	0.0	0.5	---
		900	7.5	20.8	5.4	0.8	73.0	>100	0.0	0.5	---
	9/9/2013	0	0.0	0.0	0.1	20.1	79.8	0	0.0	0.5	14.47
		300	2.5	16.5	4.9	4.6	74.0	>100	0.0	0.5	---
		600	5.0	18.4	5.6	2.3	73.7	>100	0.0	0.5	---
		900	7.5	19.1	6.5	0.5	73.9	>100	0.0	0.5	---
	11/25/2013	0	0.0	0.0	0.1	20.1	79.8	0	0.0	0.5	14.65
		300	2.5	13.9	5.2	4.2	76.7	>100	0.0	0.5	---
		600	5.0	15.2	5.8	2.0	77.0	>100	0.0	0.5	---
		900	7.5	17.1	6.0	0.2	76.7	>100	0.0	0.5	---

Table 6
 Results of Detailed Monitoring of Remediation at LFG-3
 Oyster Point Landfill
 South San Francisco, CA

Monitoring Date	Percent Methane		
	LFG-3	PVT-2	PVW-1
9/13/2007	69	88	nm
9/14/2007	68	66	nm
9/21/2007	69	66	nm
9/25/2007	67	66	nm
9/28/2007	58	55	nm
10/3/2007	42	54	nm
10/12/2007	35	46	nm
10/19/2007	27	66	nm
10/29/2007	18	64	nm
11/2/2007	17	67	10
11/11/2007	15	54	11
11/21/2007	12	53	11
11/30/2007	7	69	7
12/13/2007	7	80	1
12/27/2007	4.0	66	1.0
1/7/2008 ⁽¹⁾	3.0	0.0	0.0
1/22/2008	2.0	55	0.0
2/14/2008	0.5	63	0.0
4/17/2008	7.2	64	0.0
5/12/2008	2.6	55	0.0
6/11/2008	0.8	50	0.0
7/15/2008	0.2	52	0.1
7/17/2008	0.0	41	0.0
8/13/2008	0.0	51	0.1
9/8/2008	0.0	54	0.0
10/29/2008	0.0	67	0.0
1/9/2009	0.0	78	0.0
4/21/2009	0.3	63	0.0
7/23/2009	0.4	45	0.0
10/22/2009	0.0	70	0.0
2/3/2010	0.0	76	0.0
5/21/2010	6.0	29.0	0.2
7/21/2010	2.2	62.0	0.0
10/1/2010	2.2	57.0	0.0
1/21/2011	0.0	71.0	0.0
4/21/2011	0.0	0.9	0.0
7/8/2011	0.1	76.7	0.0
10/26/2011	0.0	50.9	0.0
1/13/2012	0.0	58.2	0.0
4/18/2012	0.0	58.7	0.0
7/13/2012	0.0	43.2	0.0
10/29/2012	0.0	52.5	0.0
2/1/2013	0.0	70.7	0.0
6/4/2013	14.7	63.7	0.0
9/9/2013	1.7	69.9	0.1
11/25/2013	0.0	65.8	0.0

Notes: nm Not Measured

FIGURES



0 0.50
SCALE IN MILES



CSS ENVIRONMENTAL SERVICES, INC.

SITE LOCATION MAP

Former Oyster Point Landfill
South San Francisco, CA

JOB NO.
6551

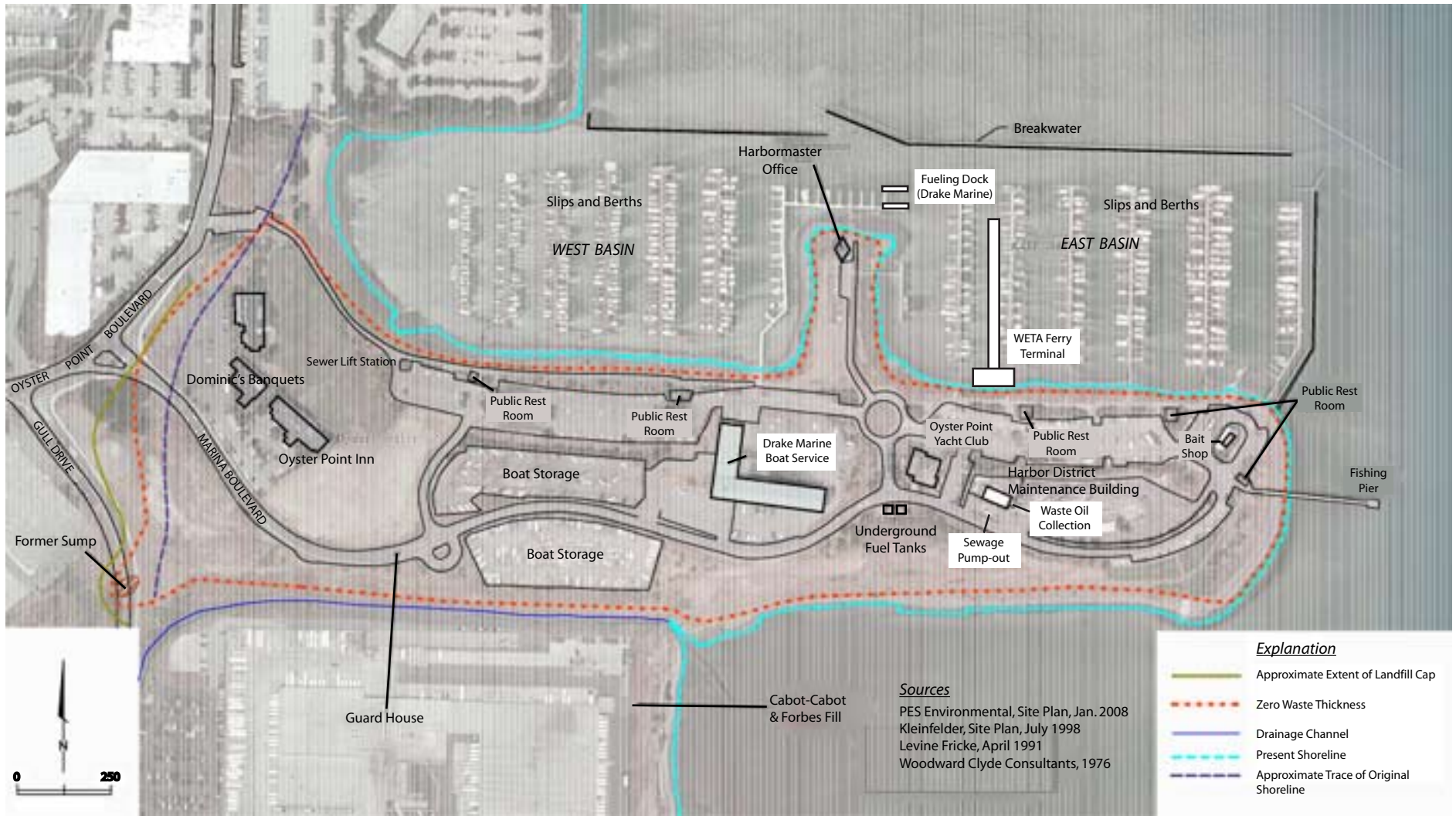
DATE
Oct '08

BY
AS

REVISED

FIGURE

1



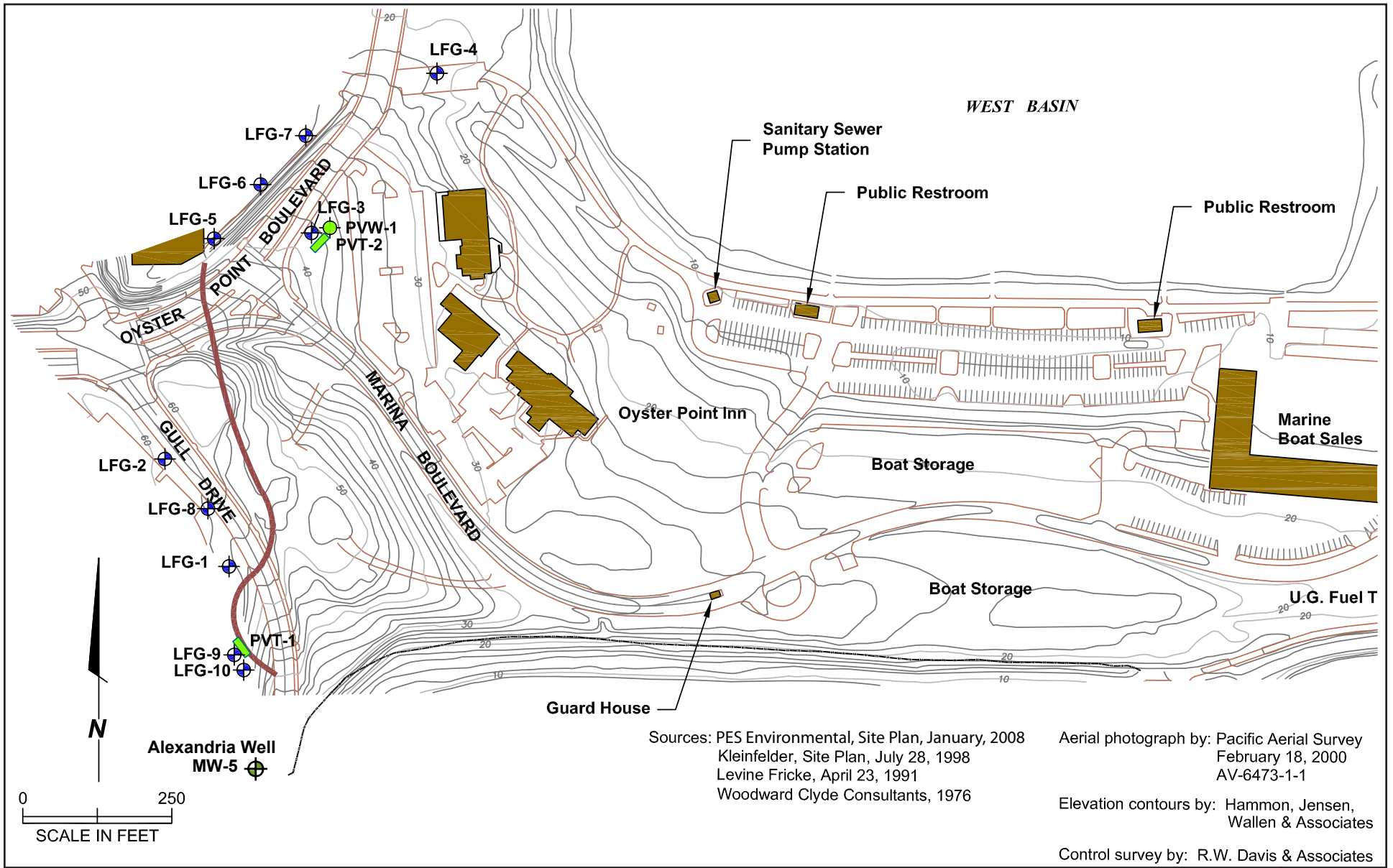
CSS ENVIRONMENTAL SERVICES, INC.

SITE PLAN
Former Oyster Point Landfill
South San Francisco, CA

JOB NO. 6551	DATE Oct '08	BY AS	REVISED March '13
------------------------	------------------------	-----------------	-----------------------------

FIGURE

2

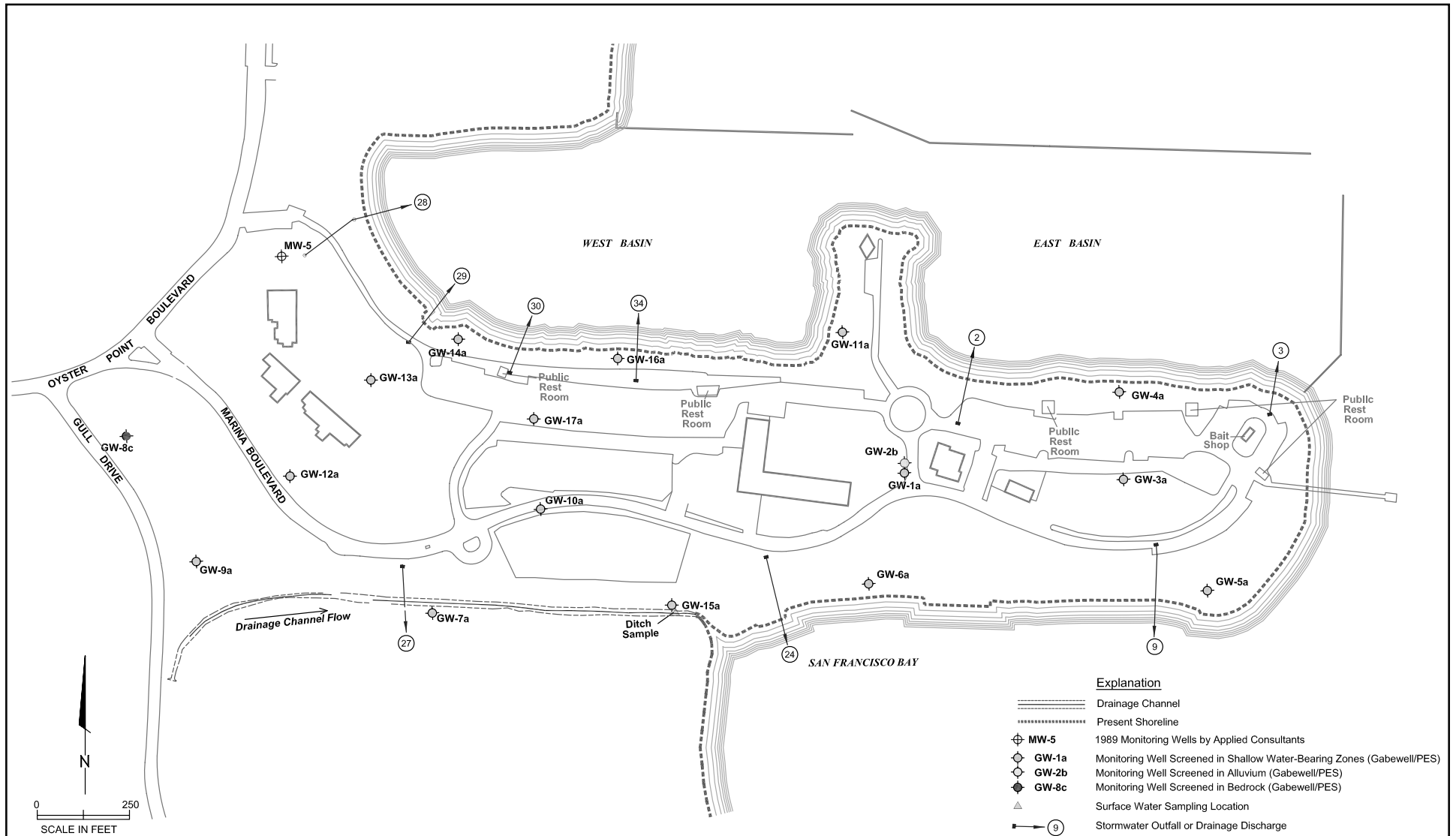


Explanation	
	Location of Landfill Gas Perimeter Monitoring Well
	Passive Landfill Gas Venting Trench
	Passive Landfill Gas Venting Well
	Approximate Extent of Landfill Cap


CSS ENVIRONMENTAL SERVICES, INC.

LANDFILL GAS MONITORING LOCATIONS			
Former Oyster Point Landfill South San Francisco, CA			
JOB NO. 6551	DATE Oct '08	BY AS	REVISED Jan '12

FIGURE
3



SOURCES: PES Environmental, Site Plan, January, 2008



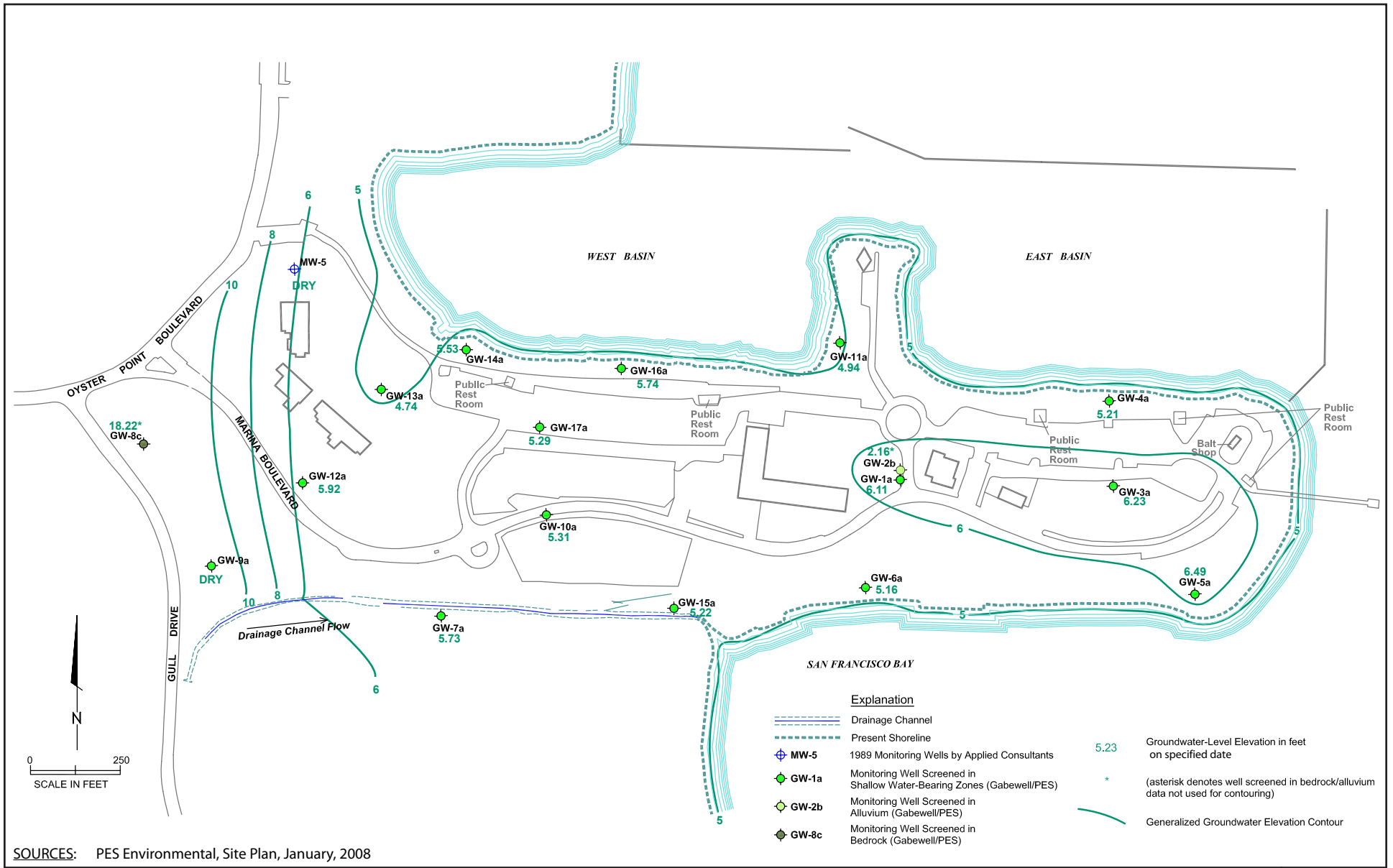
CSS ENVIRONMENTAL SERVICES, INC.

**Monitoring Well and Point of Compliance
Sampling Locations**
Former Oyster Point Landfill
South San Francisco, CA

JOB NO.	DATE	BY	REVISED
6551	Oct '08	AS	

FIGURE

4



CSS
 CSS ENVIRONMENTAL SERVICES, INC.

Potentiometric Surface Map December 30, 2013

Former Oyster Point Landfill
 South San Francisco, CA

JOB NO. 6551	DATE Jan '14	BY AS	REVISED
------------------------	------------------------	-----------------	---------

FIGURE
5

Figure 6a. Hydrograph for Well GW-1a

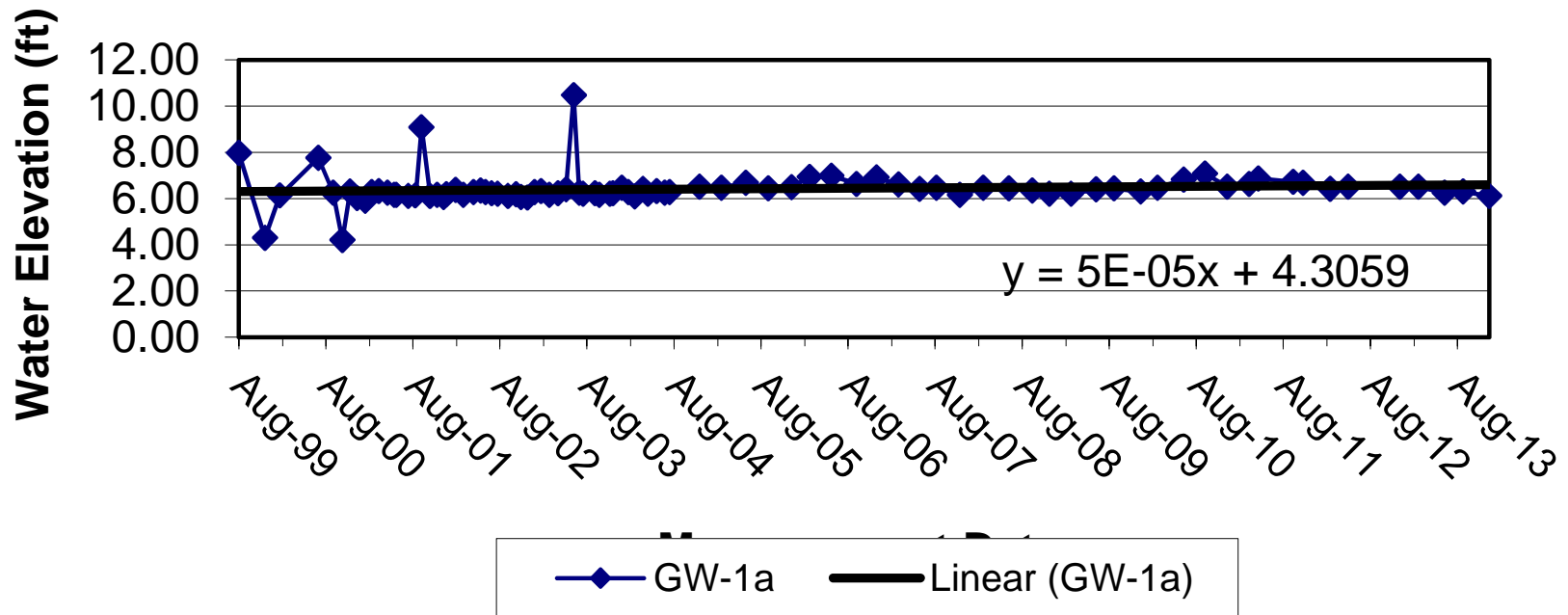


Figure 6b. Hydrograph for Well GW-2b

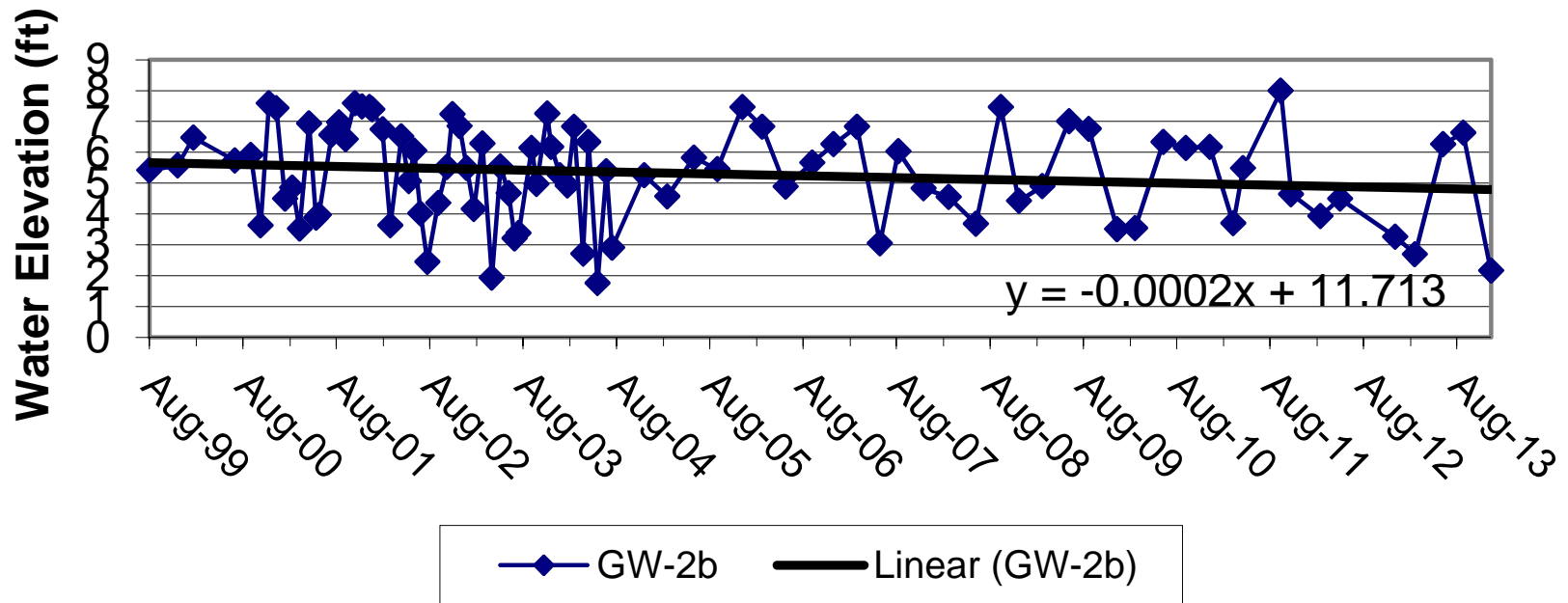


Figure 6c. Hydrograph for Well GW-3a

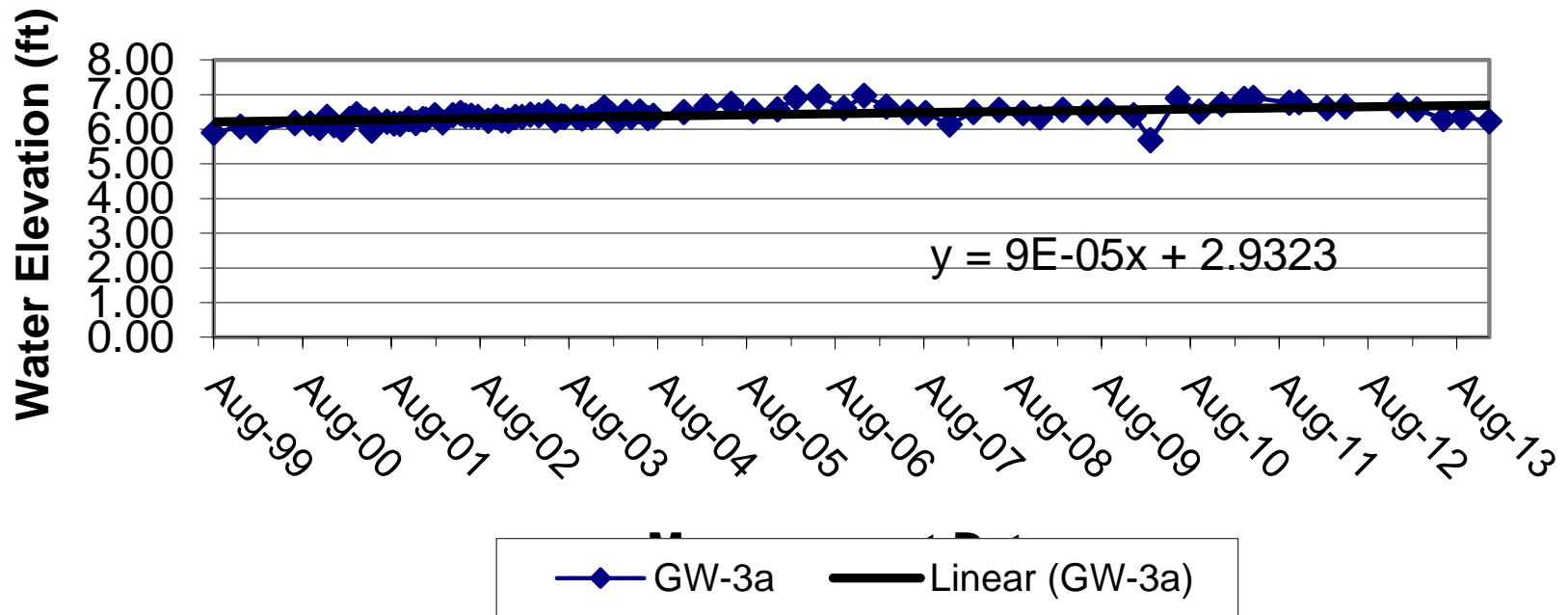


Figure 6d. Hydrograph for Well GW-4a

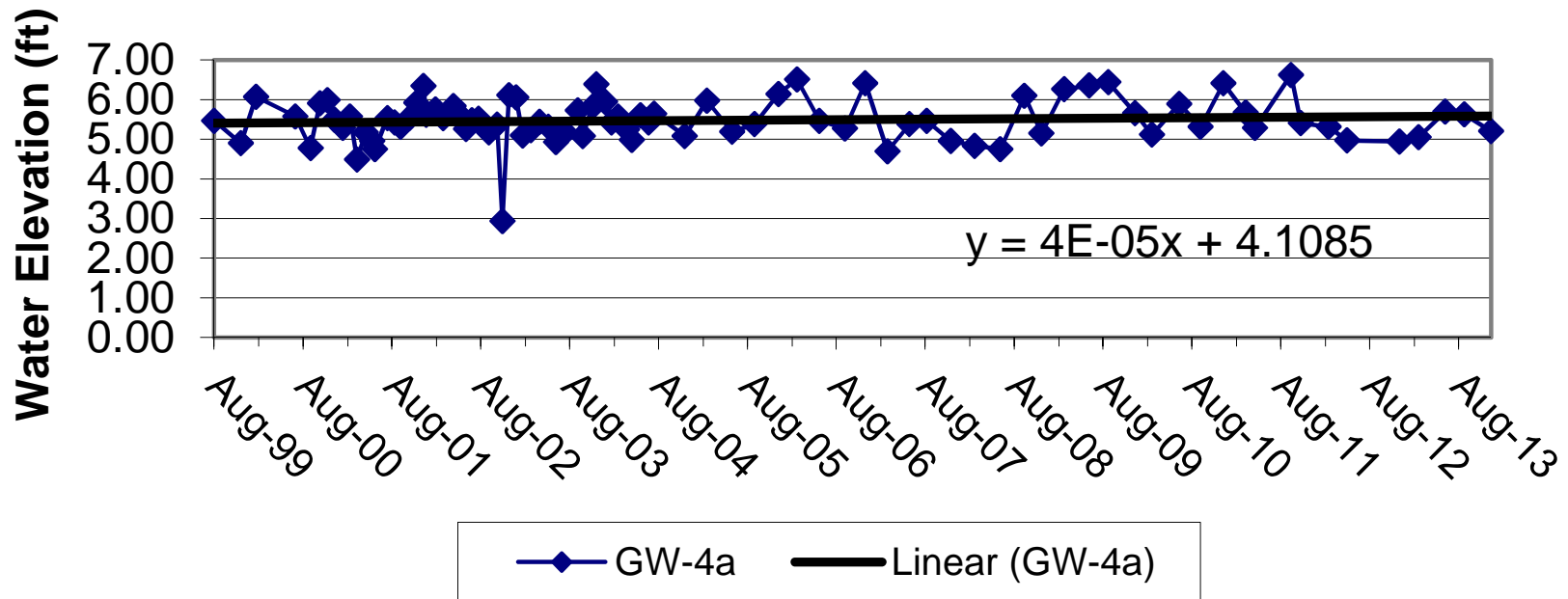


Figure 6e. Hydrograph for Well GW-5a

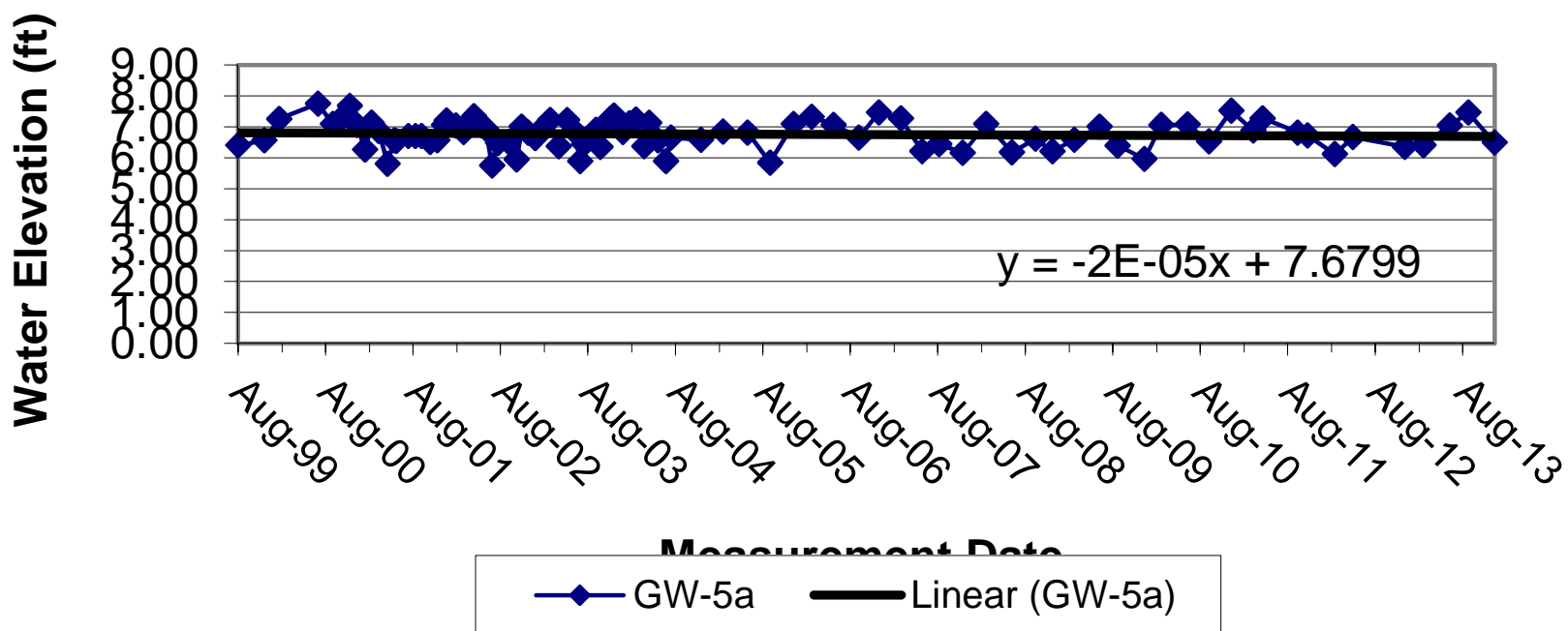


Figure 6f. Hydrograph for Well GW-6a

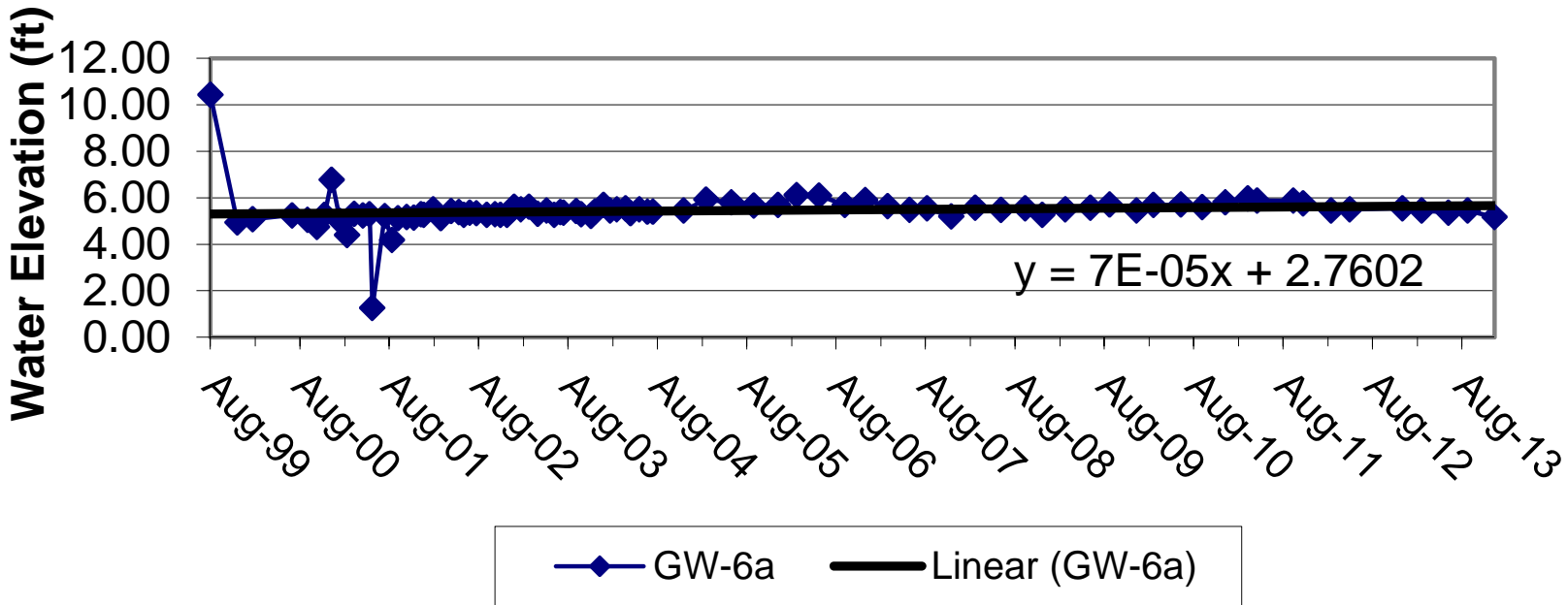


Figure 6g. Hydrograph for Well GW-7a

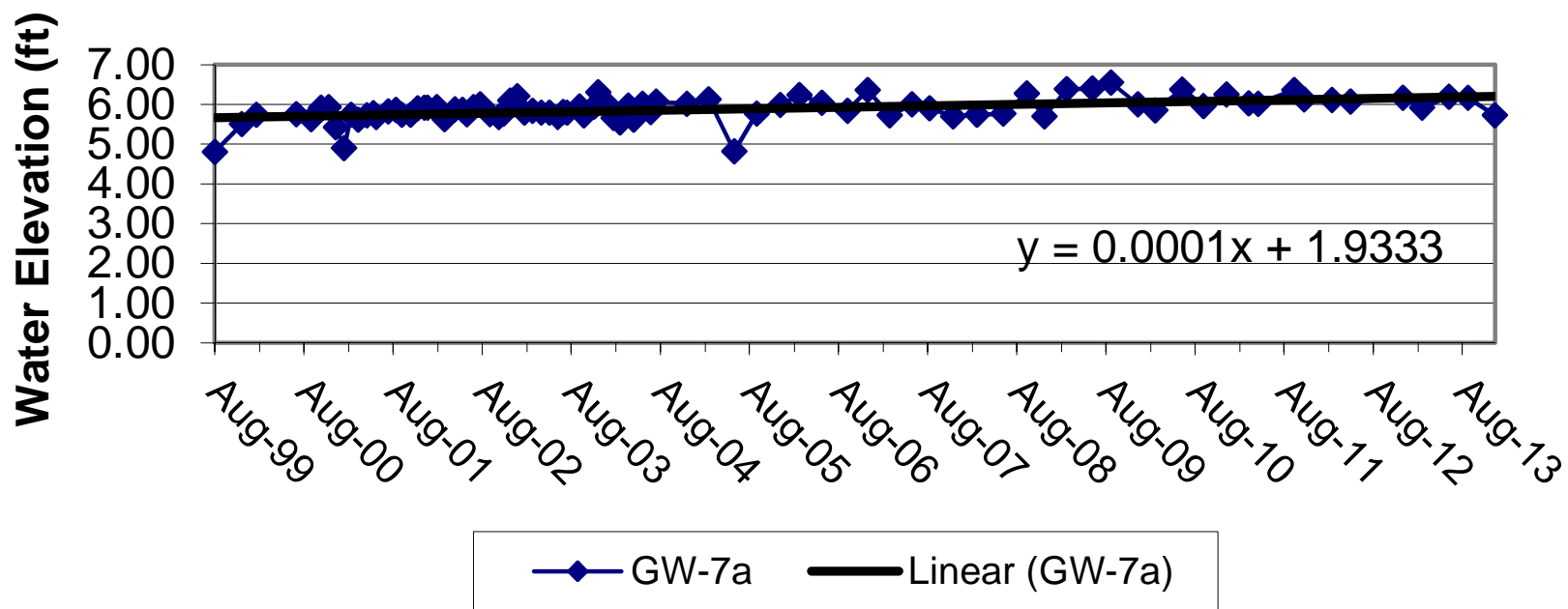


Figure 6h. Hydrograph for Well GW-8c

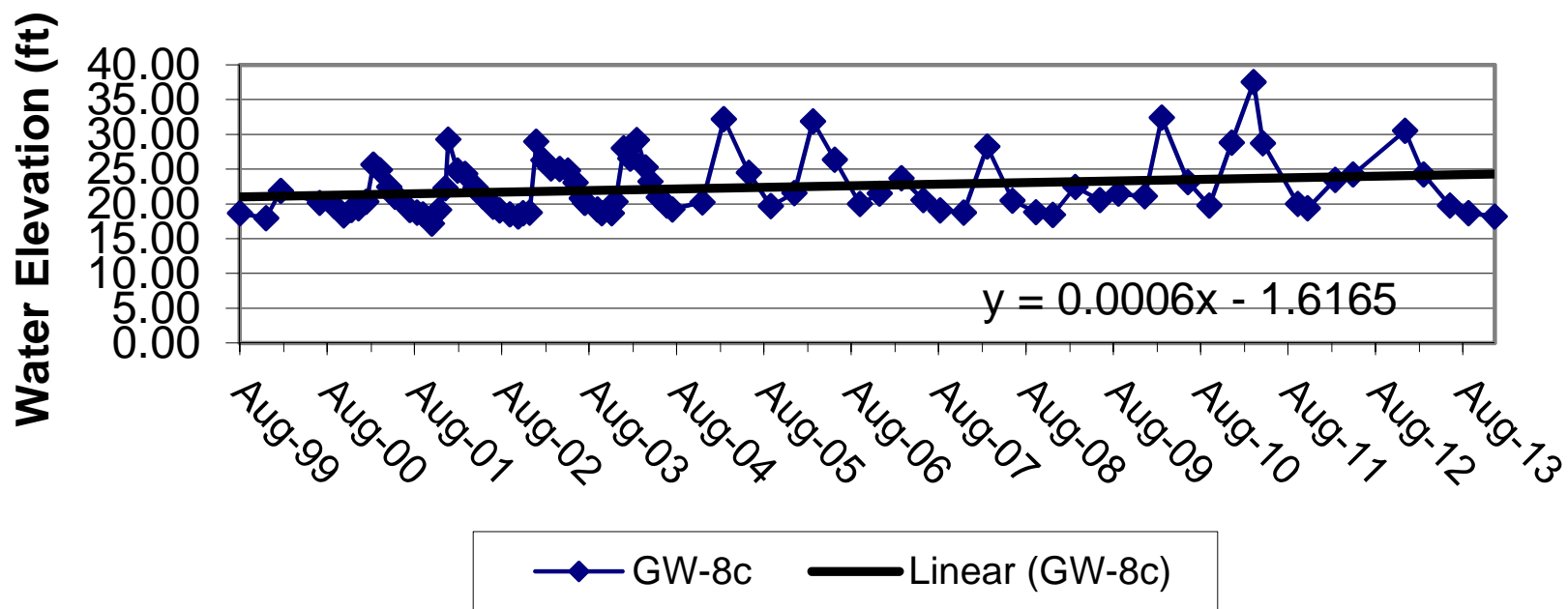


Figure 6i. Hydrograph for Well GW-9a

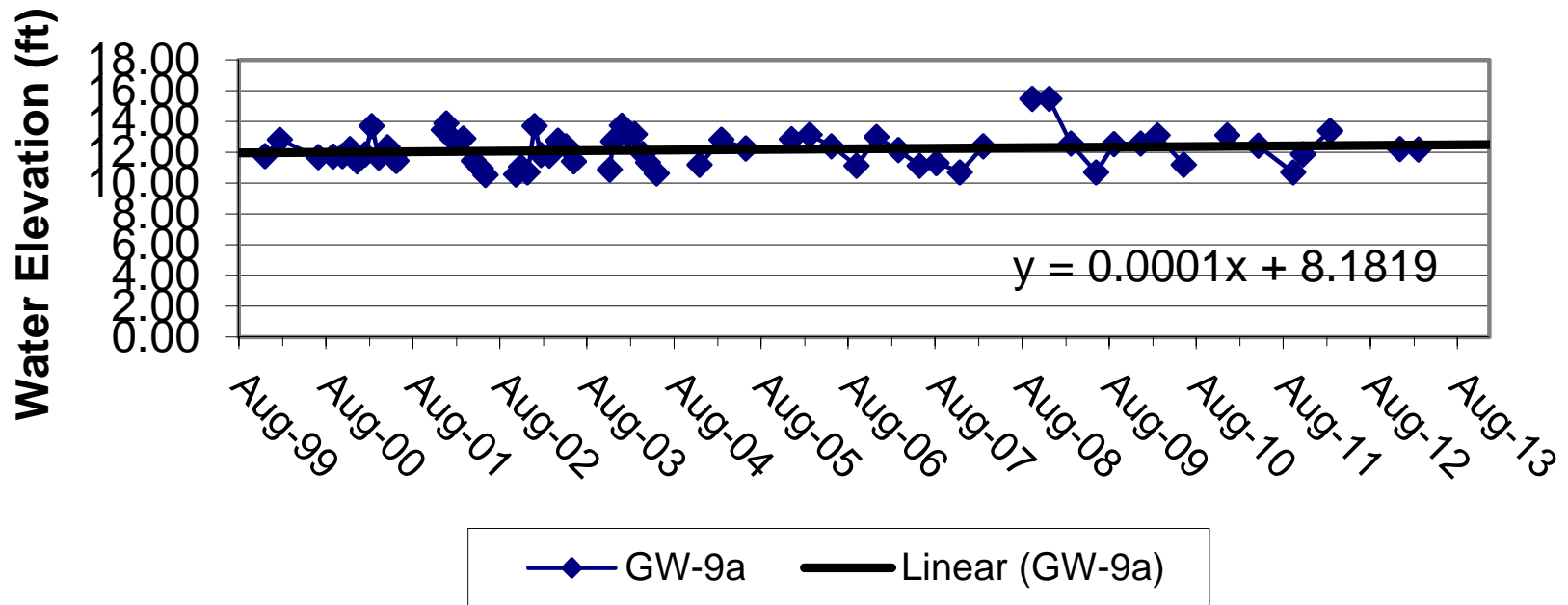


Figure 6j. Hydrograph for Well GW-10a

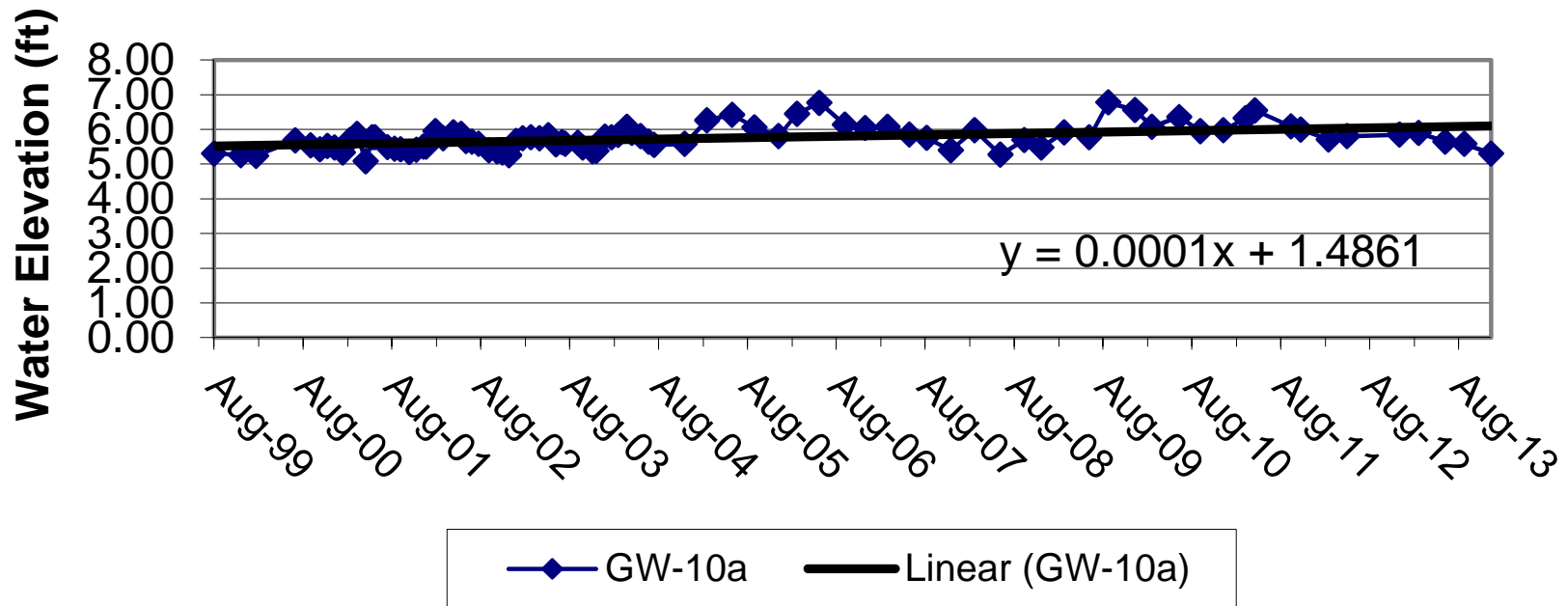


Figure 6k. Hydrograph for Well GW-11a

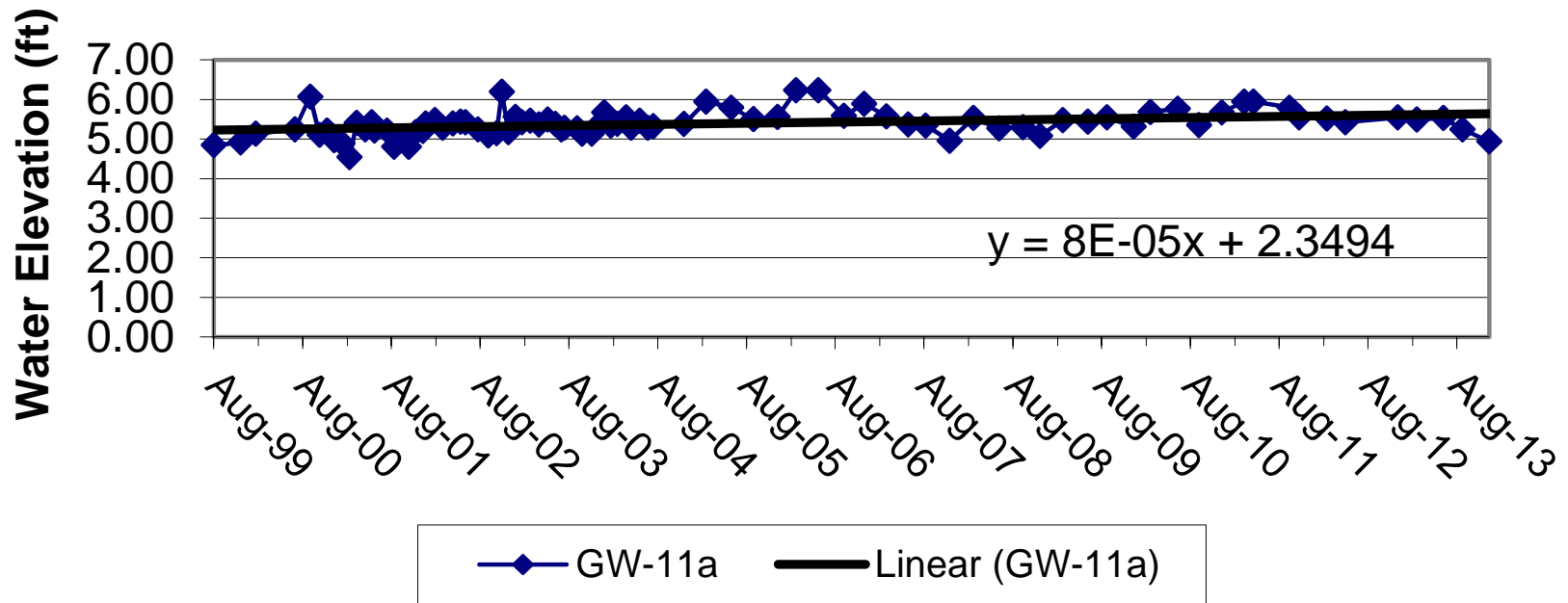


Figure 6l. Hydrograph for Well GW-12a

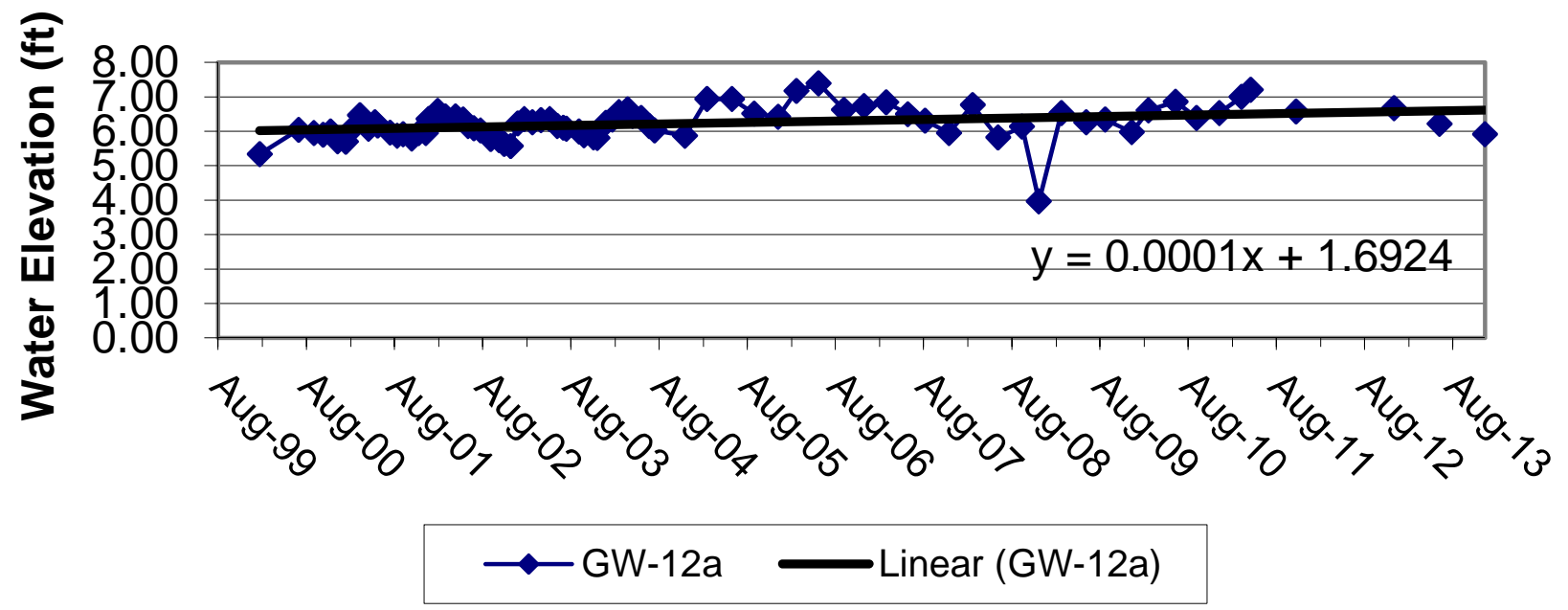


Figure 6m. Hydrograph for Well GW-13a

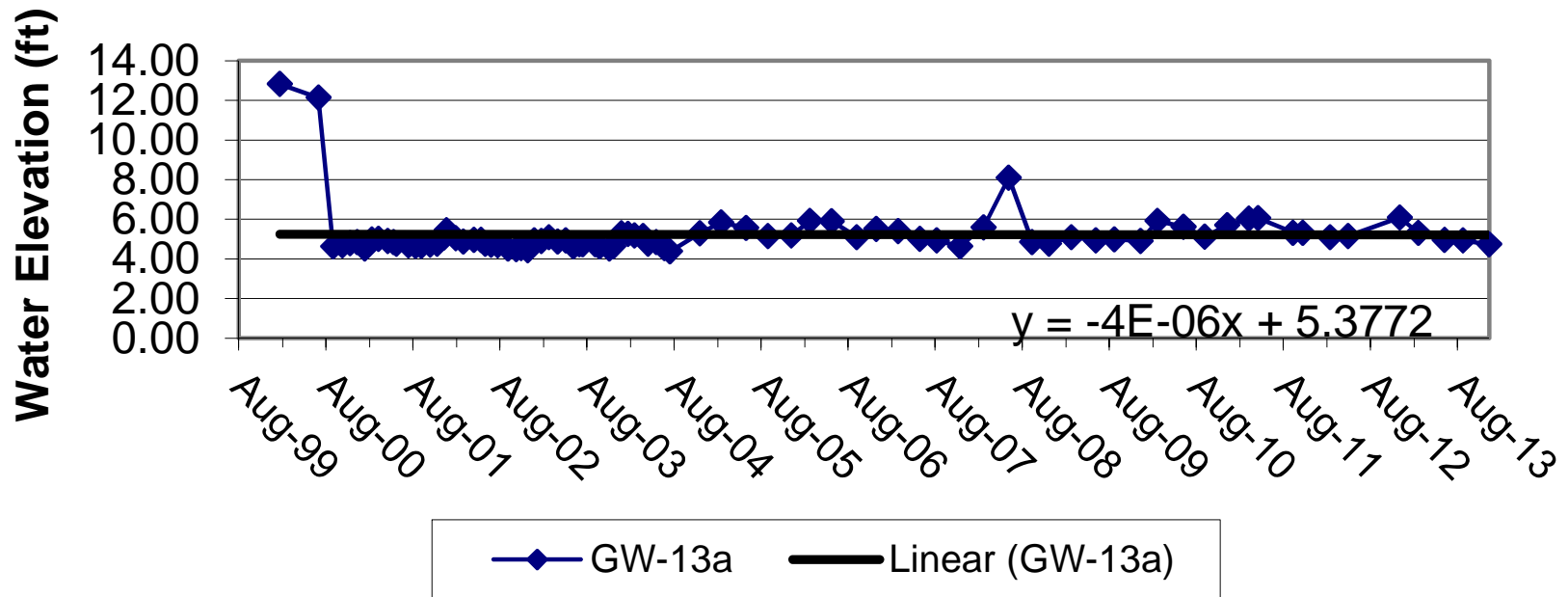


Figure 6o. Hydrograph for Well GW-15a

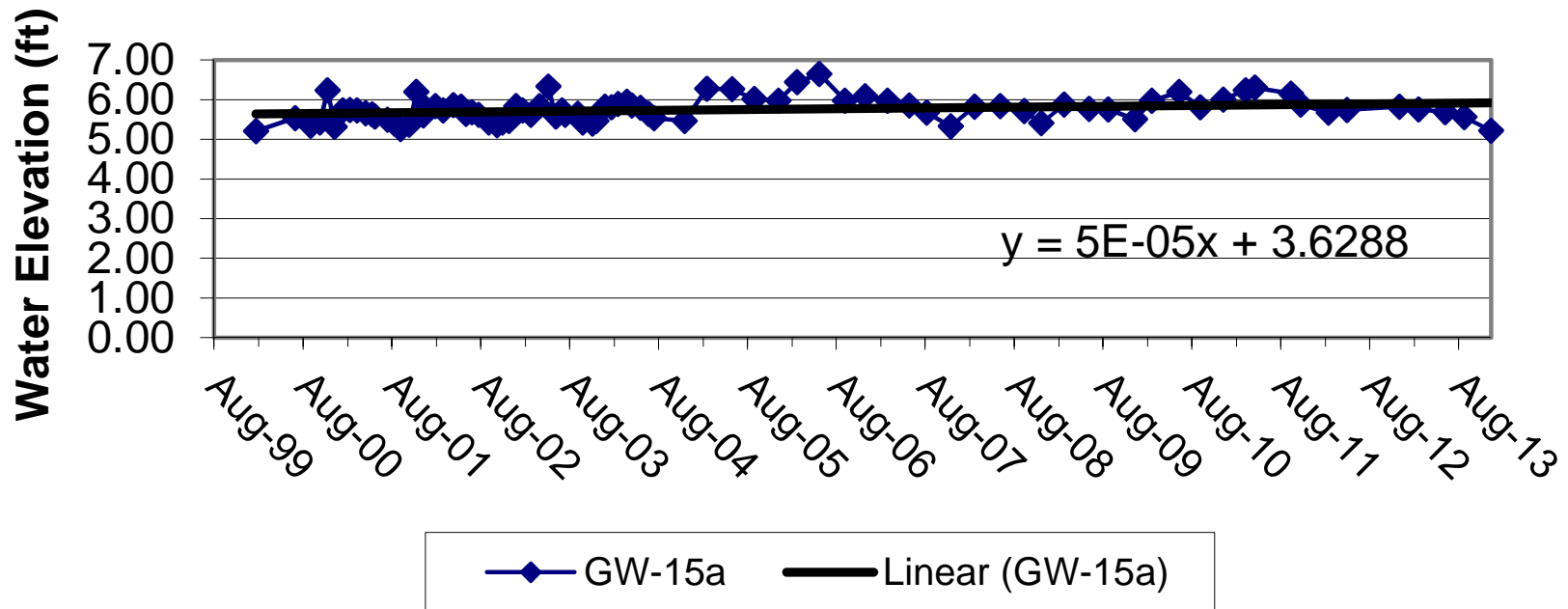


Figure 6p. Hydrograph for Well GW-16a

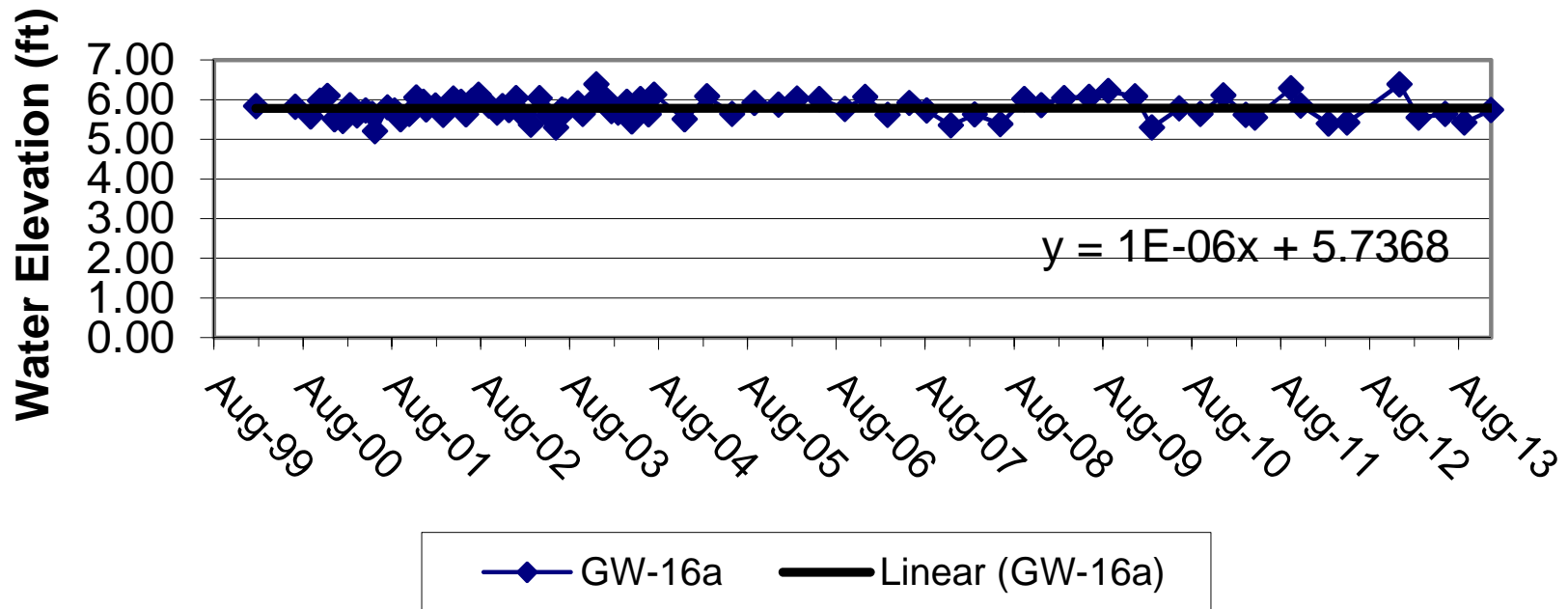


Figure 6q. Hydrograph for Well GW-17a

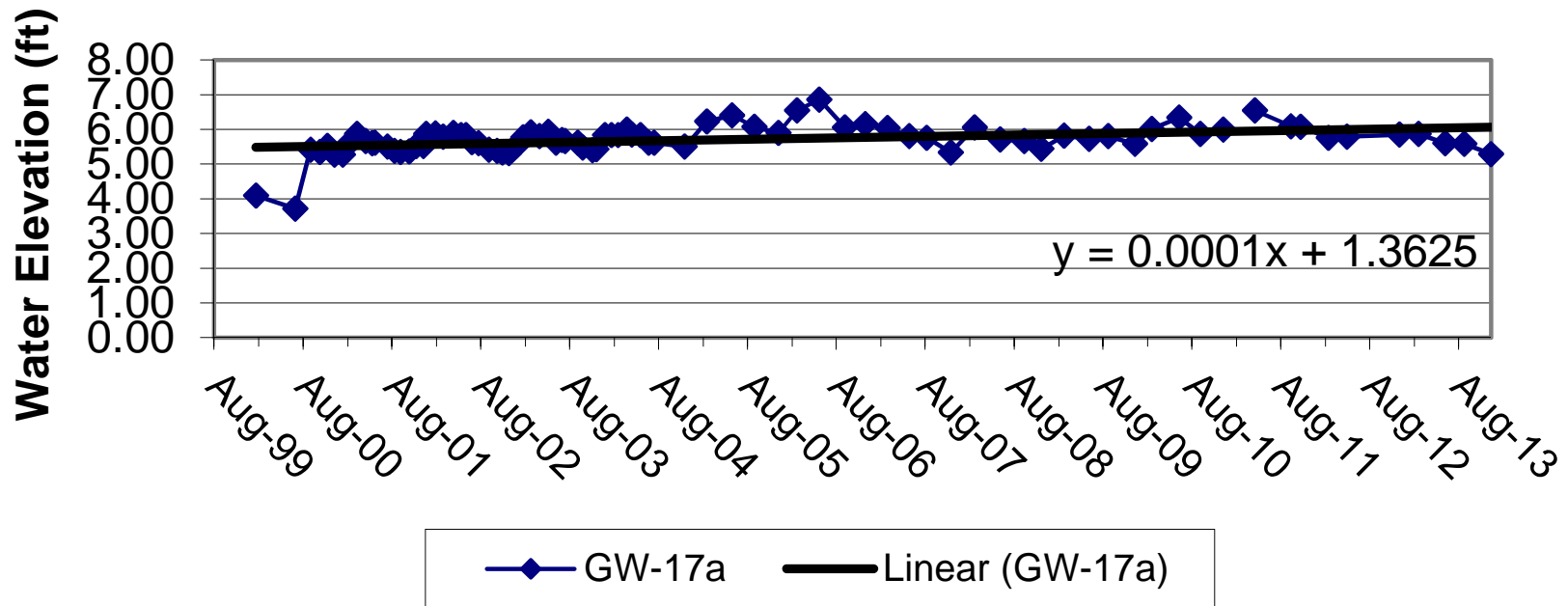
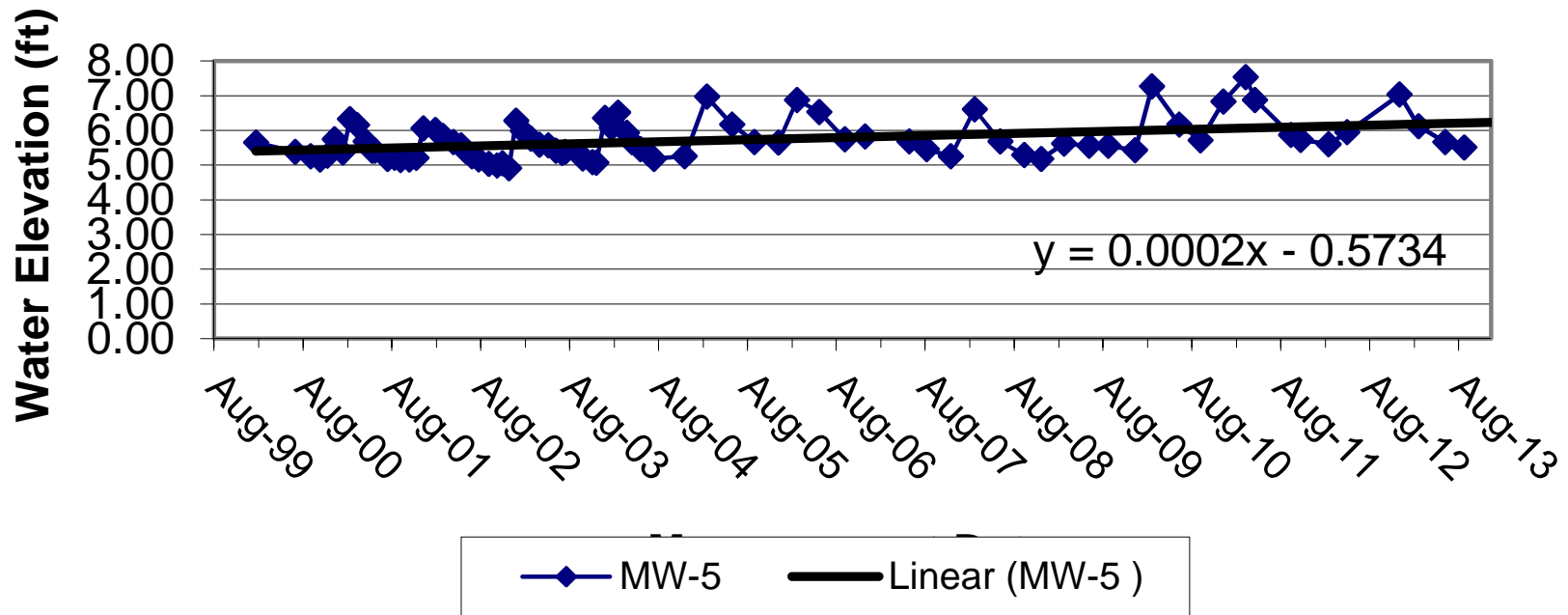


Figure 6r. Hydrograph for Well MW-5



APPENDIX A

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

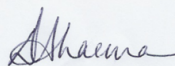
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-54805-1
Client Project/Site: Oyster Pt. Landfill-6551

For:
CSS Environmental Services Inc
100 Galli Drive
Suite 1
Novato, California 94949

Attn: Mr. Aaron Stessman



Authorized for release by:
1/16/2014 4:29:53 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Job ID: 720-54805-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-54805-1

Comments

No additional comments.

Receipt

The samples were received on 1/10/2014 2:41 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 6.0° C.

GC/MS VOA

Method 8260B: The following samples submitted for volatiles analysis was received with insufficient preservation (pH >2): GW-1A (720-54805-1), GW-6A (720-54805-6).

No other analytical or quality issues were noted.

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Detection Summary

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-1A

Lab Sample ID: 720-54805-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	90		0.50		ug/L	1		8260B	Total/NA
Chlorobenzene	64		0.50		ug/L	1		8260B	Total/NA
Ethylbenzene	1.9		0.50		ug/L	1		8260B	Total/NA
Naphthalene	93		1.0		ug/L	1		8260B	Total/NA
Xylenes, Total	34		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: GW-2B

Lab Sample ID: 720-54805-2

No Detections.

Client Sample ID: GW-3A

Lab Sample ID: 720-54805-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	50		10		ug/L	20		8260B	Total/NA
Chlorobenzene	220		10		ug/L	20		8260B	Total/NA
Ethylbenzene	360		10		ug/L	20		8260B	Total/NA
Naphthalene	120		20		ug/L	20		8260B	Total/NA
Xylenes, Total	1100		20		ug/L	20		8260B	Total/NA

Client Sample ID: GW-4A

Lab Sample ID: 720-54805-4

No Detections.

Client Sample ID: GW-5A

Lab Sample ID: 720-54805-5

No Detections.

Client Sample ID: GW-6A

Lab Sample ID: 720-54805-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	24		0.50		ug/L	1		8260B	Total/NA
Chlorobenzene	42		0.50		ug/L	1		8260B	Total/NA
Ethylbenzene	57		0.50		ug/L	1		8260B	Total/NA
Naphthalene	4.4		1.0		ug/L	1		8260B	Total/NA
Xylenes, Total	23		1.0		ug/L	1		8260B	Total/NA

Client Sample ID: GW-7A

Lab Sample ID: 720-54805-7

No Detections.

Client Sample ID: GW-10A

Lab Sample ID: 720-54805-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	38		25		ug/L	50		8260B	Total/NA
Chlorobenzene	110		25		ug/L	50		8260B	Total/NA
Ethylbenzene	38		25		ug/L	50		8260B	Total/NA
Naphthalene	2400		50		ug/L	50		8260B	Total/NA

Client Sample ID: GW-11A

Lab Sample ID: 720-54805-9

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-11A (Continued)

Lab Sample ID: 720-54805-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.91		0.50		ug/L	1		8260B	Total/NA
Chlorobenzene	32		0.50		ug/L	1		8260B	Total/NA

Client Sample ID: GW-12A

Lab Sample ID: 720-54805-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	33		1.0		ug/L	2		8260B	Total/NA
Chlorobenzene	71		1.0		ug/L	2		8260B	Total/NA

Client Sample ID: GW-13A

Lab Sample ID: 720-54805-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.1		1.0		ug/L	2		8260B	Total/NA
Chlorobenzene	110		1.0		ug/L	2		8260B	Total/NA

Client Sample ID: GW-14A

Lab Sample ID: 720-54805-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	5.7		0.50		ug/L	1		8260B	Total/NA

Client Sample ID: GW-15A

Lab Sample ID: 720-54805-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		0.50		ug/L	1		8260B	Total/NA
Chlorobenzene	34		0.50		ug/L	1		8260B	Total/NA

Client Sample ID: GW-16A

Lab Sample ID: 720-54805-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.97		0.50		ug/L	1		8260B	Total/NA
Chlorobenzene	3.9		0.50		ug/L	1		8260B	Total/NA
Ethylbenzene	0.54		0.50		ug/L	1		8260B	Total/NA

Client Sample ID: TRIPBLANK

Lab Sample ID: 720-54805-15

No Detections.

Client Sample ID: EQUIP.BLANK

Lab Sample ID: 720-54805-16

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-1A

Lab Sample ID: 720-54805-1

Date Collected: 01/07/14 11:40

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	90		0.50		ug/L			01/14/14 13:07	1
Chlorobenzene	64		0.50		ug/L			01/14/14 13:07	1
Ethylbenzene	1.9		0.50		ug/L			01/14/14 13:07	1
Naphthalene	93		1.0		ug/L			01/14/14 13:07	1
Xylenes, Total	34		1.0		ug/L			01/14/14 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		67 - 130		01/14/14 13:07	1
1,2-Dichloroethane-d4 (Surr)	107		72 - 130		01/14/14 13:07	1
Toluene-d8 (Surr)	100		70 - 130		01/14/14 13:07	1

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-2B

Lab Sample ID: 720-54805-2

Date Collected: 01/06/14 12:55

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/14 00:37	1
Chlorobenzene	ND		0.50		ug/L			01/11/14 00:37	1
Ethylbenzene	ND		0.50		ug/L			01/11/14 00:37	1
Naphthalene	ND		1.0		ug/L			01/11/14 00:37	1
Xylenes, Total	ND		1.0		ug/L			01/11/14 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		01/11/14 00:37	1
1,2-Dichloroethane-d4 (Surr)	115		72 - 130		01/11/14 00:37	1
Toluene-d8 (Surr)	99		70 - 130		01/11/14 00:37	1



Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-3A

Lab Sample ID: 720-54805-3

Date Collected: 01/03/14 15:45

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	50		10		ug/L			01/11/14 02:07	20
Chlorobenzene	220		10		ug/L			01/11/14 02:07	20
Ethylbenzene	360		10		ug/L			01/11/14 02:07	20
Naphthalene	120		20		ug/L			01/11/14 02:07	20
Xylenes, Total	1100		20		ug/L			01/11/14 02:07	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	106		67 - 130		01/11/14 02:07	20
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		01/11/14 02:07	20
Toluene-d8 (Surr)	98		70 - 130		01/11/14 02:07	20

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-4A

Lab Sample ID: 720-54805-4

Date Collected: 01/03/14 14:20

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/14 02:37	1
Chlorobenzene	ND		0.50		ug/L			01/11/14 02:37	1
Ethylbenzene	ND		0.50		ug/L			01/11/14 02:37	1
Naphthalene	ND		1.0		ug/L			01/11/14 02:37	1
Xylenes, Total	ND		1.0		ug/L			01/11/14 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		01/11/14 02:37	1
1,2-Dichloroethane-d4 (Surr)	111		72 - 130		01/11/14 02:37	1
Toluene-d8 (Surr)	102		70 - 130		01/11/14 02:37	1



Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-5A

Lab Sample ID: 720-54805-5

Date Collected: 01/03/14 15:05

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/11/14 03:06	1
Chlorobenzene	ND		0.50		ug/L			01/11/14 03:06	1
Ethylbenzene	ND		0.50		ug/L			01/11/14 03:06	1
Naphthalene	ND		1.0		ug/L			01/11/14 03:06	1
Xylenes, Total	ND		1.0		ug/L			01/11/14 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		01/11/14 03:06	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		01/11/14 03:06	1
Toluene-d8 (Surr)	99		70 - 130		01/11/14 03:06	1



Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-6A

Lab Sample ID: 720-54805-6

Date Collected: 01/03/14 15:40

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	24		0.50		ug/L			01/14/14 13:36	1
Chlorobenzene	42		0.50		ug/L			01/14/14 13:36	1
Ethylbenzene	57		0.50		ug/L			01/14/14 13:36	1
Naphthalene	4.4		1.0		ug/L			01/14/14 13:36	1
Xylenes, Total	23		1.0		ug/L			01/14/14 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	108		67 - 130		01/14/14 13:36	1
1,2-Dichloroethane-d4 (Surr)	109		72 - 130		01/14/14 13:36	1
Toluene-d8 (Surr)	102		70 - 130		01/14/14 13:36	1

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-7A

Lab Sample ID: 720-54805-7

Date Collected: 01/03/14 11:15

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/13/14 23:19	1
Chlorobenzene	ND		0.50		ug/L			01/13/14 23:19	1
Ethylbenzene	ND		0.50		ug/L			01/13/14 23:19	1
Naphthalene	ND		1.0		ug/L			01/13/14 23:19	1
Xylenes, Total	ND		1.0		ug/L			01/13/14 23:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	105		67 - 130		01/13/14 23:19	1
1,2-Dichloroethane-d4 (Surr)	103		72 - 130		01/13/14 23:19	1
Toluene-d8 (Surr)	101		70 - 130		01/13/14 23:19	1

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-10A

Lab Sample ID: 720-54805-8

Date Collected: 01/03/14 12:55

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	38		25		ug/L			01/14/14 00:37	50
Chlorobenzene	110		25		ug/L			01/14/14 00:37	50
Ethylbenzene	38		25		ug/L			01/14/14 00:37	50
Naphthalene	2400		50		ug/L			01/14/14 00:37	50
Xylenes, Total	ND		50		ug/L			01/14/14 00:37	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130		01/14/14 00:37	50
1,2-Dichloroethane-d4 (Surr)	100		72 - 130		01/14/14 00:37	50
Toluene-d8 (Surr)	101		70 - 130		01/14/14 00:37	50



Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-11A

Lab Sample ID: 720-54805-9

Date Collected: 01/03/14 13:40

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.91		0.50		ug/L			01/14/14 01:03	1
Chlorobenzene	32		0.50		ug/L			01/14/14 01:03	1
Ethylbenzene	ND		0.50		ug/L			01/14/14 01:03	1
Naphthalene	ND		1.0		ug/L			01/14/14 01:03	1
Xylenes, Total	ND		1.0		ug/L			01/14/14 01:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130		01/14/14 01:03	1
1,2-Dichloroethane-d4 (Surr)	102		72 - 130		01/14/14 01:03	1
Toluene-d8 (Surr)	102		70 - 130		01/14/14 01:03	1



Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-12A

Lab Sample ID: 720-54805-10

Date Collected: 01/03/14 12:05

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	33		1.0		ug/L			01/14/14 01:29	2
Chlorobenzene	71		1.0		ug/L			01/14/14 01:29	2
Ethylbenzene	ND		1.0		ug/L			01/14/14 01:29	2
Naphthalene	ND		2.0		ug/L			01/14/14 01:29	2
Xylenes, Total	ND		2.0		ug/L			01/14/14 01:29	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		67 - 130		01/14/14 01:29	2
1,2-Dichloroethane-d4 (Surr)	104		72 - 130		01/14/14 01:29	2
Toluene-d8 (Surr)	101		70 - 130		01/14/14 01:29	2

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-13A

Lab Sample ID: 720-54805-11

Date Collected: 01/06/14 14:45

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6.1		1.0		ug/L			01/14/14 01:55	2
Chlorobenzene	110		1.0		ug/L			01/14/14 01:55	2
Ethylbenzene	ND		1.0		ug/L			01/14/14 01:55	2
Naphthalene	ND		2.0		ug/L			01/14/14 01:55	2
Xylenes, Total	ND		2.0		ug/L			01/14/14 01:55	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130					01/14/14 01:55	2
1,2-Dichloroethane-d4 (Surr)	102		72 - 130					01/14/14 01:55	2
Toluene-d8 (Surr)	101		70 - 130					01/14/14 01:55	2

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-14A

Lab Sample ID: 720-54805-12

Date Collected: 01/06/14 14:05

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/14/14 02:21	1
Chlorobenzene	5.7		0.50		ug/L			01/14/14 02:21	1
Ethylbenzene	ND		0.50		ug/L			01/14/14 02:21	1
Naphthalene	ND		1.0		ug/L			01/14/14 02:21	1
Xylenes, Total	ND		1.0		ug/L			01/14/14 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130		01/14/14 02:21	1
1,2-Dichloroethane-d4 (Surr)	97		72 - 130		01/14/14 02:21	1
Toluene-d8 (Surr)	102		70 - 130		01/14/14 02:21	1



Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-15A

Lab Sample ID: 720-54805-13

Date Collected: 01/06/14 16:20

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.3		0.50		ug/L			01/14/14 02:46	1
Chlorobenzene	34		0.50		ug/L			01/14/14 02:46	1
Ethylbenzene	ND		0.50		ug/L			01/14/14 02:46	1
Naphthalene	ND		1.0		ug/L			01/14/14 02:46	1
Xylenes, Total	ND		1.0		ug/L			01/14/14 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	104		67 - 130					01/14/14 02:46	1
1,2-Dichloroethane-d4 (Surr)	104		72 - 130					01/14/14 02:46	1
Toluene-d8 (Surr)	101		70 - 130					01/14/14 02:46	1



Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-16A

Lab Sample ID: 720-54805-14

Date Collected: 01/06/14 13:30

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.97		0.50		ug/L			01/14/14 03:12	1
Chlorobenzene	3.9		0.50		ug/L			01/14/14 03:12	1
Ethylbenzene	0.54		0.50		ug/L			01/14/14 03:12	1
Naphthalene	ND		1.0		ug/L			01/14/14 03:12	1
Xylenes, Total	ND		1.0		ug/L			01/14/14 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		01/14/14 03:12	1
1,2-Dichloroethane-d4 (Surr)	100		72 - 130		01/14/14 03:12	1
Toluene-d8 (Surr)	100		70 - 130		01/14/14 03:12	1

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: TRIPBLANK

Lab Sample ID: 720-54805-15

Date Collected: 01/03/14 10:30

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/14/14 03:38	1
Chlorobenzene	ND		0.50		ug/L			01/14/14 03:38	1
Ethylbenzene	ND		0.50		ug/L			01/14/14 03:38	1
Naphthalene	ND		1.0		ug/L			01/14/14 03:38	1
Xylenes, Total	ND		1.0		ug/L			01/14/14 03:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		01/14/14 03:38	1
1,2-Dichloroethane-d4 (Surr)	95		72 - 130		01/14/14 03:38	1
Toluene-d8 (Surr)	100		70 - 130		01/14/14 03:38	1

Client Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: EQUIP.BLANK

Lab Sample ID: 720-54805-16

Date Collected: 01/07/14 11:50

Matrix: Water

Date Received: 01/10/14 14:41

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/14/14 04:04	1
Chlorobenzene	ND		0.50		ug/L			01/14/14 04:04	1
Ethylbenzene	ND		0.50		ug/L			01/14/14 04:04	1
Naphthalene	ND		1.0		ug/L			01/14/14 04:04	1
Xylenes, Total	ND		1.0		ug/L			01/14/14 04:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		67 - 130		01/14/14 04:04	1
1,2-Dichloroethane-d4 (Surr)	99		72 - 130		01/14/14 04:04	1
Toluene-d8 (Surr)	98		70 - 130		01/14/14 04:04	1



QC Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-151481/5

Matrix: Water

Analysis Batch: 151481

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/10/14 17:37	1
Chlorobenzene	ND		0.50		ug/L			01/10/14 17:37	1
Ethylbenzene	ND		0.50		ug/L			01/10/14 17:37	1
Naphthalene	ND		1.0		ug/L			01/10/14 17:37	1
Xylenes, Total	ND		1.0		ug/L			01/10/14 17:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	101		67 - 130		01/10/14 17:37	1
1,2-Dichloroethane-d4 (Surr)	102		72 - 130		01/10/14 17:37	1
Toluene-d8 (Surr)	99		70 - 130		01/10/14 17:37	1

Lab Sample ID: LCS 720-151481/6

Matrix: Water

Analysis Batch: 151481

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	23.9		ug/L		96	79 - 130
Chlorobenzene	25.0	25.0		ug/L		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	102		72 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: LCSD 720-151481/7

Matrix: Water

Analysis Batch: 151481

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	25.0	23.3		ug/L		93	79 - 130	2	20
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	104		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: 720-54805-2 MS

Matrix: Water

Analysis Batch: 151481

Client Sample ID: GW-2B

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	25.2		ug/L		101	60 - 140
Chlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	106		67 - 130

TestAmerica Pleasanton

QC Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-54805-2 MS

Matrix: Water

Analysis Batch: 151481

Client Sample ID: GW-2B

Prep Type: Total/NA

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	113		72 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: 720-54805-2 MSD

Matrix: Water

Analysis Batch: 151481

Client Sample ID: GW-2B

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec.		RPD	
				Result	Qualifier				Limits	RPD	Limit	
Benzene	ND		25.0	24.8		ug/L		99	60 - 140	2	20	
Chlorobenzene	ND		25.0	25.7		ug/L		103	60 - 140	0	20	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	105		67 - 130
1,2-Dichloroethane-d4 (Surr)	108		72 - 130
Toluene-d8 (Surr)	102		70 - 130

Lab Sample ID: MB 720-151578/5

Matrix: Water

Analysis Batch: 151578

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.50		ug/L		01/13/14 19:52	1	
Chlorobenzene	ND		0.50		ug/L		01/13/14 19:52	1	
Ethylbenzene	ND		0.50		ug/L		01/13/14 19:52	1	
Naphthalene	ND		1.0		ug/L		01/13/14 19:52	1	
Xylenes, Total	ND		1.0		ug/L		01/13/14 19:52	1	

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	99		67 - 130		01/13/14 19:52	1
1,2-Dichloroethane-d4 (Surr)	97		72 - 130		01/13/14 19:52	1
Toluene-d8 (Surr)	99		70 - 130		01/13/14 19:52	1

Lab Sample ID: LCS 720-151578/6

Matrix: Water

Analysis Batch: 151578

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Benzene	25.0	22.6		ug/L		90	79 - 130	
Chlorobenzene	25.0	24.5		ug/L		98	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	93		72 - 130
Toluene-d8 (Surr)	103		70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-151578/7

Matrix: Water

Analysis Batch: 151578

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	25.0	22.7		ug/L		91	79 - 130	1	20
Chlorobenzene	25.0	24.0		ug/L		96	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	98		67 - 130
1,2-Dichloroethane-d4 (Surr)	95		72 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: 720-54805-7 MS

Matrix: Water

Analysis Batch: 151578

Client Sample ID: GW-7A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	22.7		ug/L		91	60 - 140
Chlorobenzene	ND		25.0	24.1		ug/L		96	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	97		67 - 130
1,2-Dichloroethane-d4 (Surr)	101		72 - 130
Toluene-d8 (Surr)	103		70 - 130

Lab Sample ID: 720-54805-7 MSD

Matrix: Water

Analysis Batch: 151578

Client Sample ID: GW-7A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	22.5		ug/L		90	60 - 140	1	20
Chlorobenzene	ND		25.0	23.9		ug/L		96	60 - 140	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	101		67 - 130
1,2-Dichloroethane-d4 (Surr)	99		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MB 720-151600/4

Matrix: Water

Analysis Batch: 151600

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			01/14/14 09:02	1
Chlorobenzene	ND		0.50		ug/L			01/14/14 09:02	1
Ethylbenzene	ND		0.50		ug/L			01/14/14 09:02	1
Naphthalene	ND		1.0		ug/L			01/14/14 09:02	1
Xylenes, Total	ND		1.0		ug/L			01/14/14 09:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		67 - 130		01/14/14 09:02	1

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QC Sample Results

Client: CSS Environmental Services Inc
 Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-151600/4

Matrix: Water

Analysis Batch: 151600

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	106		72 - 130		01/14/14 09:02	1
Toluene-d8 (Surr)	100		70 - 130		01/14/14 09:02	1

Lab Sample ID: LCS 720-151600/5

Matrix: Water

Analysis Batch: 151600

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Benzene	25.0	24.2		ug/L		97	79 - 130
Chlorobenzene	25.0	25.5		ug/L		102	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	103		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: LCSD 720-151600/6

Matrix: Water

Analysis Batch: 151600

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
							Limits		
Benzene	25.0	24.6		ug/L		98	79 - 130	2	20
Chlorobenzene	25.0	25.7		ug/L		103	70 - 130	1	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	102		67 - 130
1,2-Dichloroethane-d4 (Surr)	103		72 - 130
Toluene-d8 (Surr)	102		70 - 130

QC Association Summary

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

GC/MS VOA

Analysis Batch: 151481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-54805-2	GW-2B	Total/NA	Water	8260B	
720-54805-2 MS	GW-2B	Total/NA	Water	8260B	
720-54805-2 MSD	GW-2B	Total/NA	Water	8260B	
720-54805-3	GW-3A	Total/NA	Water	8260B	
720-54805-4	GW-4A	Total/NA	Water	8260B	
720-54805-5	GW-5A	Total/NA	Water	8260B	
LCS 720-151481/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-151481/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-151481/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 151578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-54805-7	GW-7A	Total/NA	Water	8260B	
720-54805-7 MS	GW-7A	Total/NA	Water	8260B	
720-54805-7 MSD	GW-7A	Total/NA	Water	8260B	
720-54805-8	GW-10A	Total/NA	Water	8260B	
720-54805-9	GW-11A	Total/NA	Water	8260B	
720-54805-10	GW-12A	Total/NA	Water	8260B	
720-54805-11	GW-13A	Total/NA	Water	8260B	
720-54805-12	GW-14A	Total/NA	Water	8260B	
720-54805-13	GW-15A	Total/NA	Water	8260B	
720-54805-14	GW-16A	Total/NA	Water	8260B	
720-54805-15	TRIPBLANK	Total/NA	Water	8260B	
720-54805-16	EQUIP.BLANK	Total/NA	Water	8260B	
LCS 720-151578/6	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-151578/7	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-151578/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 151600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-54805-1	GW-1A	Total/NA	Water	8260B	
720-54805-6	GW-6A	Total/NA	Water	8260B	
LCS 720-151600/5	Lab Control Sample	Total/NA	Water	8260B	
LCSD 720-151600/6	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 720-151600/4	Method Blank	Total/NA	Water	8260B	

Lab Chronicle

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-1A

Date Collected: 01/07/14 11:40

Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151600	01/14/14 13:07	PDR	TAL PLS

Client Sample ID: GW-2B

Date Collected: 01/06/14 12:55

Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151481	01/11/14 00:37	ASC	TAL PLS

Client Sample ID: GW-3A

Date Collected: 01/03/14 15:45

Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	151481	01/11/14 02:07	ASC	TAL PLS

Client Sample ID: GW-4A

Date Collected: 01/03/14 14:20

Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151481	01/11/14 02:37	ASC	TAL PLS

Client Sample ID: GW-5A

Date Collected: 01/03/14 15:05

Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151481	01/11/14 03:06	ASC	TAL PLS

Client Sample ID: GW-6A

Date Collected: 01/03/14 15:40

Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151600	01/14/14 13:36	PDR	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-7A

Date Collected: 01/03/14 11:15
Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151578	01/13/14 23:19	PDR	TAL PLS

Client Sample ID: GW-10A

Date Collected: 01/03/14 12:55
Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	151578	01/14/14 00:37	PDR	TAL PLS

Client Sample ID: GW-11A

Date Collected: 01/03/14 13:40
Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151578	01/14/14 01:03	PDR	TAL PLS

Client Sample ID: GW-12A

Date Collected: 01/03/14 12:05
Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	151578	01/14/14 01:29	PDR	TAL PLS

Client Sample ID: GW-13A

Date Collected: 01/06/14 14:45
Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	151578	01/14/14 01:55	PDR	TAL PLS

Client Sample ID: GW-14A

Date Collected: 01/06/14 14:05
Date Received: 01/10/14 14:41

Lab Sample ID: 720-54805-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151578	01/14/14 02:21	PDR	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Client Sample ID: GW-15A

Lab Sample ID: 720-54805-13

Date Collected: 01/06/14 16:20

Matrix: Water

Date Received: 01/10/14 14:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151578	01/14/14 02:46	PDR	TAL PLS

Client Sample ID: GW-16A

Lab Sample ID: 720-54805-14

Date Collected: 01/06/14 13:30

Matrix: Water

Date Received: 01/10/14 14:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151578	01/14/14 03:12	PDR	TAL PLS

Client Sample ID: TRIPBLANK

Lab Sample ID: 720-54805-15

Date Collected: 01/03/14 10:30

Matrix: Water

Date Received: 01/10/14 14:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151578	01/14/14 03:38	PDR	TAL PLS

Client Sample ID: EQUIP.BLANK

Lab Sample ID: 720-54805-16

Date Collected: 01/07/14 11:50

Matrix: Water

Date Received: 01/10/14 14:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	151578	01/14/14 04:04	PDR	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: CSS Environmental Services Inc
Project/Site: Oyster Pt. Landfill-6551

TestAmerica Job ID: 720-54805-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-54805-1	GW-1A	Water	01/07/14 11:40	01/10/14 14:41
720-54805-2	GW-2B	Water	01/06/14 12:55	01/10/14 14:41
720-54805-3	GW-3A	Water	01/03/14 15:45	01/10/14 14:41
720-54805-4	GW-4A	Water	01/03/14 14:20	01/10/14 14:41
720-54805-5	GW-5A	Water	01/03/14 15:05	01/10/14 14:41
720-54805-6	GW-6A	Water	01/03/14 15:40	01/10/14 14:41
720-54805-7	GW-7A	Water	01/03/14 11:15	01/10/14 14:41
720-54805-8	GW-10A	Water	01/03/14 12:55	01/10/14 14:41
720-54805-9	GW-11A	Water	01/03/14 13:40	01/10/14 14:41
720-54805-10	GW-12A	Water	01/03/14 12:05	01/10/14 14:41
720-54805-11	GW-13A	Water	01/06/14 14:45	01/10/14 14:41
720-54805-12	GW-14A	Water	01/06/14 14:05	01/10/14 14:41
720-54805-13	GW-15A	Water	01/06/14 16:20	01/10/14 14:41
720-54805-14	GW-16A	Water	01/06/14 13:30	01/10/14 14:41
720-54805-15	TRIPBLANK	Water	01/03/14 10:30	01/10/14 14:41
720-54805-16	EQUIP.BLANK	Water	01/07/14 11:50	01/10/14 14:41

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

720-54805

Reference #: 151100

Date 1/10/14 Page 1 of 2

1/16/2014

Report To

Analysis Request

Attn: Avron Steesman
 Company: CSS Environmental Services
 Address: 100 Bell Dr, Suite 1, CA 94549
 Email: _____
 Bill To: _____
 Sampled By: DS
 Attn: _____
 Phone: (415) 883-6203

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other _____
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA Other: _____
 Metals 6020 200.8
 (ICP-MS): _____
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 B.F.X.
 Perchlorate by EPA 214.0
 COD EPA 410.4 SM5220D
 Turbidity

Sample ID	Date	Time	Mat	Preserv	Other
GW-1a	1/7	1140	H2O	HCl	
GW-2b	1/6	1255			
GW-3a	1/3	1545			
GW-4a	1/3	1420			
GW-5a	1/3	1505			
GW-6a	1/6	1540			
GW-7a	1/3	1115			
GW-10a	1/3	1255			
GW-11a	1/3	1340			
GW-12a	1/3	1205			

Project Info.

Project Name/ #: _____
 Head Space: _____
 PO#: 6551
 Temp: 10 D° C
 Credit Card Y/N: _____
 If yes, please call with payment information ASAP

Sample Receipt

of Containers: _____
 1) Relinquished by: Jules Sibilo 1/10/14
 Signature _____
 Printed Name _____
 Date _____
 Company: CSS

Relinquished by:

Signature _____ Time _____
 Printed Name _____ Date _____
 Company _____

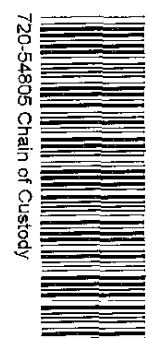
Relinquished by:

Signature _____ Time _____
 Printed Name _____ Date _____
 Company _____

Relinquished by:

Signature _____ Time _____
 Printed Name _____ Date _____
 Company _____

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: _____
 See Terms and Conditions on reverse





TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002
720-54805

Reference #: 151100

Date 1/10/14 Page 2 of 2

1/16/2014

Report To

Analysis Request

Attn: _____
 Company: _____
 Address: _____
 Email: _____
 Bill To: _____
 Sampled By: _____
 Attn: _____
 Phone: _____

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCS by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other _____
 Semi-Volatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other: _____
 Metals: 6020 200.8
 (ICP-MS): _____
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 B.E.X.
 Perchlorate by EPA 314.0
 COD EPA 410.4 SM5220D
 Turbidity

Sample ID	Date	Time	Mat	Preserv	
GW-13a	1/6	1445	H ₂ O	HCl	
GW-14a	1/6	1405			
GW-15a	1/6	1620			
GW-16a	1/6	1330			
Trip Blank	1/3	1030			
Equip. Blank	1/7	1150			

Project Info.

Sample Receipt

Project Name: # of Containers: _____
 Oyster Pt. Landfill
 PO#: 6551 Head Space: _____
 Temp: 6.0°C

1) Relinquished by: _____
 Signature: _____
 Printed Name: _____
 Date: _____
 Company: _____

Credit Card
 VIN: _____
 If yes, please call with payment information ASAP

2) Received by: _____
 Signature: _____
 Printed Name: _____
 Date: _____
 Company: _____

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID _____

3) Received by: _____
 Signature: _____
 Printed Name: _____
 Date: _____
 Company: _____

See Terms and Conditions on reverse
 Rev. 10/2012

Login Sample Receipt Checklist

Client: CSS Environmental Services Inc

Job Number: 720-54805-1

Login Number: 54805

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



APPENDIX B

Table B1
Water Quality Sample Analytical Results - Volatile Organic Compounds
2008 Semi-Annual Monitoring Report
Former Oyster Point Landfill
South San Francisco, California

Well Designation	Date Collected	Benzene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Chlorobenzene (µg/L)	Naphthalene (µg/L)	Toluene (µg/L)	MTBE (µg/L)	Isopropylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	1,2-Dichlorobenzene (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	N-Propylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	N-Butylbenzene (µg/L)	Chloroform (µg/L)	Tert-Butylbenzene (µg/L)	2-Chlorotoluene (µg/L)		
GW-1a	7/21/1999	20.6	313	573.8	138	77	<10.0	NA	14.6	43.8	246	19.4	<10.0	<10	32.4	<10	<10	<10	<10	<10.0	<10.0	<10.0	
	12/27/2000	52.1	<10.0	<10.0	<10.0	62.5	<10.0	NA	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	3/29/2001	56.9	108	424.9	87.1	66.4	<10.0	NA	11.0	10.9	122	<10.0	<10.0	<10.0	20.5	20.7	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	6/11/2001	39.7	124	405.5	90.2	50.0	<10.0	NA	<10.0	10.8	88.5	<10.0	<10.0	<10.0	<10	14.8	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
	9/24/2001	50.7	133	537	115	66.0	<10.0	NA	15.0	11.8	146	<10.0	<10.0	<10.0	<10.0	24	25.9	<10.0	<10.0	<10.0	<10.0	<10.0	
	12/26/2001	48	79	330	87	68	<5.0	9.1	11	7.6	100	<5.0	<5.0	<5.0	<5.0	19	19	<5.0	5.1	<5.0	<5.0	<5.0	
	6/19/2002	49	46	356	90	73	<5.0	12	11	8.8	95	<5.0	<5.0	<5.0	<5.0	20	20	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/13/2002	54	41	291	86	84	<5.0	18	10	9.3	95	<5.0	<5.0	<5.0	<5.0	6	21	<5.0	6.6	<5.0	<5.0	<5.0	
	6/24/2003	44	37	331	95	93	<5.0	12	11	7.7	98	<5.0	<5.0	<5.0	<5.0	22	20	<5.0	5.9	<5.0	<5.0	<5.0	
	12/18/2003	51	38	281	90	80	1.4	15	13	6.7	93	3.4	2.1	1.2	1.2	22	22	3.8	5.9	<0.5	<0.5	<0.5	
	6/21/2004	47	25	244	78	90	1.1	17	11	8.3	78	3.1	2.1	1.2	1.2	23	20	4.0	5.9	<0.5	<0.5	<0.5	
	12/16/2004	48	23	76	70	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/2005	44	21	234	77	96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/2006	52	18	248	83	96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/5/2007	55	6.1	153	67	79	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	GW-2b (Point of Compliance)	7/27/1999	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	24.9	<0.500	<0.500	<0.500
		12/27/2000	0.820	<0.500	0.590	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1.02	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
3/28/2001		<0.500	<0.500	0.520	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	0.710	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
6/11/2001		0.58	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
9/24/2001		<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
12/26/2001		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/18/2002		<5.0	<5.0	26	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/19/2002		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/25/2002		<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12/13/2002		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
3/13/2003		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
6/24/2003		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
9/22/2003		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
12/18/2003		<0.5	<0.5	0.7	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
3/23/2004		<0.5	<0.5	0.8	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
6/21/2004		<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
9/23/04 ***		<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12/16/2004		<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/23/2005		<0.5	<0.5	<0.5	<0.5	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/28/2005		<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/28/2006	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/1/2006	<0.5	<0.5	0.7	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
6/18/2007	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/5/2007	<0.5	0.8	3.2	<0.5	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
6/24/2008	<0.5	<0.5	<1.0	<0.5	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GW-3a	7/21/1999	48	566	2770	207	423	1900	NA	129	130	468	44.8	<40.0	<40	<40	<40	<40	<40	<40	<40	<40	<40	
	12/27/2000	64.0	580	3018	211	130	1260	NA	23	97.9	383	29.6	<20.0	<20.0	<20.0	42.7	<20.0	<20.0	<20.0	<20.0	<20.0	29.5	
	3/29/2001	<50.0	517	2224	88.7	<100	174	NA	<50.0	57.9	214	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
	6/11/2001	63.5	600	2883	209	134	1550	NA	<50.0	104	402	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
	9/24/2001	56	624	3045	202	133	854	NA	<40	112	443	44.4	<40	<40	<40	46.7	<40	<40	<40	<40	<40	<40	
	12/26/2001	45	410	2160	170	100	380	<31	<31	82	310	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	
	6/19/2002	39	570	3800	150	80	150	<31	<31	93	260	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	<31	
	12/13/2002	41	420	2780	150	99	200	<36	<36	92	310	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	
	6/24/2003	42	580	2580	160	140	220	<36	<36	84	340	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	
	12/18/2003	53	350	2540	190	130	370	<3.1	4.8	110	400	27	3.8	<3.1	12	3.4	<3.1	9.6	<3.1	<3.1	<3.1	<3.1	
	6/21/2004	55	360	2610	190	140	400	<5.0	8.0	110	390	23											

Table B1
Water Quality Sample Analytical Results - Volatile Organic Compounds
2008 Semi-Annual Monitoring Report
Former Oyster Point Landfill
South San Francisco, California

Well Designation	Date Collected	Benzene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Chlorobenzene (µg/L)	Naphthalene (µg/L)	Toluene (µg/L)	MTBE (µg/L)	Isopropylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	1,2-Dichlorobenzene (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	N-Propylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	N-Butylbenzene (µg/L)	Chloroform (µg/L)	Tert-Butylbenzene (µg/L)	2-Chlorotoluene (µg/L)		
GW-7a (Point of Compliance)	7/21/1999	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	12/27/2000	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	3/28/2001	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	6/11/2001	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	9/24/2001	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/13/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/21/2004	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2005	<0.5	<0.5	<0.5	<0.5	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/2005	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/28/2006	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/2006	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/18/2007	<0.5	<0.5	<0.5	<0.5	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/5/2007	<0.5	<0.5	<1.0	<0.5	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
6/24/2008	<0.5	<0.5	<1.0	<0.5	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GW-8c	7/27/1999	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	12/27/2000	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	3/28/2001	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	6/11/2001	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	9/24/2001	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/13/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
6/21/2004	<0.5	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
GW-9a	7/21/1999	1.64	<1.00	<1.00	44.5	<2.0	<1.00	NA	<1.00	<1.00	<1.00	<1.00	4.76	<1.00	5.18	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
	12/27/2000	1.35	<1.00	<1.00	83.7	<2.0	<1.00	NA	<1.00	<1.00	<1.00	<1.00	15.2	<1.00	19.4	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
	3/28/2001	<5.00	<5.00	<5.00	94.3	<10.0	<5.00	NA	<5.00	<5.00	<5.00	<5.00	8.99	<5.00	18.3	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	
	6/11/2001	3.29	<1.00	<1.00	56.7	<2.00	<1.00	NA	<1.00	<1.00	<1.00	<1.00	8.71	<1.00	37.6	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
	12/26/2001	<5.0	<5.0	<5.0	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	9.5	<5.0	19	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/18/2003	<0.5	<0.5	<0.5	59	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.7	0.7	31	<0.5	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	
	6/21/2004	Well Dry - Not Sampled						NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GW-10a	7/27/1999	46.3	33.3	56.8	126	<2.0	9.58	NA	13.4	7.38	17.8	39.6	2.7	1.02	5.56	6.66	1.56	1.16	<1.00	<1.00	<1.00	<1.00	
	12/27/2000	33.6	23.0	28.3	89.1	<20.0	<20.0	NA	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	
	3/29/2001	<50.0	<50.0	<50.0	83.9	<50.0	<50.0	NA	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
	6/11/2001	<50.0	<50.0	<50.0	<10.0	3370	<50.0	NA	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	
	9/24/2001	47.8	60.6	<40.0	123	4690	<40.0	NA	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	<40.0	
	12/26/2001	31	19	26.7	95	1400	5.4	<5.0	11	5.0	12	5.0	5.0	5.0	5.8	7.7	5.0	5.0	5.0	5.0	5.0	5.0	
	6/19/2002	<50	<50	<50	94	1200	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	
	12/13/2002	<50	<50	<50	93	1300	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	
	6/24/2003	<36	<36	<36	94	480	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	<36	
	12/18/2003	36	7.1	11.2	110	680	2.5	<2.5	12	<2.5	4.6	<2.5	<2.5	5.8	8.9	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
	6/21/2004	29	5.6	8.9	94	470	<2.5	<															

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Well Designation	Date Collected	Benzene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Chlorobenzene (µg/L)	Naphthalene (µg/L)	Toluene (µg/L)	MTBE (µg/L)	Isopropylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	1,2-Dichlorobenzene (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	N-Propylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	N-Butylbenzene (µg/L)	Chloroform (µg/L)	Tert-Butylbenzene (µg/L)	2-Chlorotoluene (µg/L)	
GW-12a	2/7/2000	239	41.2	<20.0	765	174	<20.0	NA	47.2	<20.0	<20.0	93.6	<20.0	<20.0	20.4	88.8	<20	<20	<20	<20	<20	
	12/27/2000	62.6	<5.00	<5.00	84.7	24.1	<5.00	NA	5.32	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	7.14	<5.00	<5.00	<5.00	<5.00	<5.00	
	3/29/2001	84.6	<5.00	<5.00	146	23.5	<5.00	NA	7.07	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	9.41	<5.00	<5.00	<5.00	<5.00	<5.00	
	6/11/2001	67.7	<2.50	<2.50	106	20.7	<2.50	NA	6.00	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	8.44	4.73	<2.50	<2.50	<2.50	<2.50	
	9/24/2001	166	<20.0	<20.0	223	106	<20.0	NA	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	<20.0	
	12/26/2001	71	<5.0	<5.0	130	18	<5.0	<5.0	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.3	<5.0	<5.0	<5.0	<5.0	
	6/19/2002	86	<5.0	<5.0	150	23	<5.0	<5.0	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	7.6	<5.0	<5.0	<5.0	<5.0	
	12/13/2002	110	<5.0	<5.0	140	22	<5.0	<5.0	7.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	<5.0	<5.0	
	6/24/2003	81	<5.0	<5.0	96	26	<5.0	<5.0	8.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11	<5.0	<5.0	<5.0	<5.0	
	12/18/2003	84	0.7	2.2	90	12	<0.5	<0.5	8.1	<0.5	<0.5	<0.5	0.6	0.6	4.8	6.0	2.9	1.1	<0.5	0.6	<0.5	
	6/21/2004	87	0.8	0.8	98	11	<0.5	<0.5	7.1	<0.5	<0.5	<0.5	<0.5	0.7	3.9	7.7	3.9	2.0	<0.5	0.7	<0.5	
	12/16/2004	70	<7.1	<7.1	100	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	12/28/2005	62	0.5	0.5	59	5.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	12/1/2006	77	0.6	1.6	100	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	12/5/2007	65	<1.0	<2.0	86	6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	GW-13a	2/7/2000	22.4	0.740	2.77	97.9	7.74	<0.500	NA	1.81	1.47	5.21	8.04	0.520	0.860	5.42	2.31	1.71	2.10	<0.500	<0.500	<0.500
		12/27/2000	29.8	<5.00	<5.00	113	<10.0	<5.00	NA	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00
3/28/2001		21.6	<5.00	<5.00	110	<10.0	<5.00	NA	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	
6/11/2001		25.9	<2.50	<2.50	104	<5.00	<2.50	NA	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	
9/24/2001		29.8	<10.0	<10.0	112	26.8	<10.0	NA	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
12/26/2001		22	<5.0	<5.0	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
6/19/2002		29	<5.0	<5.0	120	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
12/13/2002		34	<5.0	<5.0	120	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
6/24/2003		30	<5.0	<5.0	120	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
12/18/2003		37	<0.5	0.5	130	<2.0	<0.5	<0.5	1.4	<0.5	<0.5	<0.5	<0.5	0.8	4.8	1.1	1.3	1.3	<0.5	<0.5	<0.5	
6/21/2004		38	<0.7	<0.7	110	<2.9	<0.7	<0.7	1.2	<0.7	<0.7	<0.7	<0.7	0.8	4.1	1.0	0.9	0.9	<0.7	<0.7	<0.7	
12/16/2004		31	<7.1	<7.1	110	<7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/28/2005		25	<0.7	<0.7	100	<7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/1/2006		32	<0.7	<0.7	120	<7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/5/2007		33	<1.0	<2.0	110	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GW-14a (Point of Compliance)		2/7/2000	0.640	<0.500	<0.500	15.5	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	5.28	5.37	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
		12/27/2000	0.630	<0.500	<0.500	21.7	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	7.59	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
	3/28/2001	0.500	<0.500	<0.500	11.7	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	3.71	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	6/11/2001	0.56	<0.500	<0.500	14.4	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	4.83	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	9/24/2001	0.54	<0.500	<0.500	17	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	5.54	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	
	12/26/2001	<5.0	<5.0	<5.0	12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	6/19/2002	<5.0	<5.0	<5.0	12	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/13/2002	<5.0	<5.0	<5.0	9.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	6/24/03 *	<5.0	<5.0	<5.0	13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/18/2003	<0.5	<0.5	<0.5	7.0	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.5	<0.5	0.7	1.1	<0.5	<0.5	<0.5	
	6/21/2004**	<0.5	<0.5	<0.5	15	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	12/16/2004	<5.0	<5.0	<5.0	11	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	6/23/2005	<0.5	<0.5	<0.5	12	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	12/28/2005	<0.5	<0.5	<0.5	11	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	6/28/2006	0.5	<0.5	<0.5	8.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	12/1/2006	0.5	<0.5	<0.5	8.8	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	6/18/2007	0.5	<0.5	<0.5	5.7	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/5/2007	<0.5	<0.5	<1.0	8.2	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
6/24/2008	<1.0	<1.0	<1.0	7.6	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
GW-15a (Point of Compliance)	2/7/2000	6.32	<0.500	1.78	16.9	64.3	<0.500	NA	1.24	<0.500	1.53	2.25	<0.500	<0.500	1.75	0.94	<0.500	<0.500	<0.500	<0.500	<0.500	
	12/27/2000	1.91	2.29	11.94	11.3	13.5	3.43	NA	<0.500	<0.500	1.66	<0.500	<0.500	<0.500	0.860	<0.500	<0.500	<0.500	<0.500	<0.500		
	3/29/2001	3.49	<0.500	<0.500	11.4	19.6	<0.500	NA	0.560	<0.500	<0.500	<0.500	<0.500	<0.500	1.01	<0.500	<0.500	<0.500	<0.500	<0.500		
	6/11/2001	7.19	<1.00	<1.00	17.6	80.0	<1.00	NA	1.01	<1.00	<1.00	<1.00	<1.00	<1.00	1.79	<1.00	<1.00	<1.00	<1.00	<1.00		
	9/24/2001	3.93	<0.500	<0.500	19.1	11																

Table B1
Water Quality Sample Analytical Results - Volatile Organic Compounds
2008 Semi-Annual Monitoring Report
Former Oyster Point Landfill
South San Francisco, California

Well Designation	Date Collected	Benzene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Chlorobenzene (µg/L)	Naphthalene (µg/L)	Toluene (µg/L)	MTBE (µg/L)	Isopropylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	1,2-Dichlorobenzene (µg/L)	1,3-Dichlorobenzene (µg/L)	1,4-Dichlorobenzene (µg/L)	N-Propylbenzene (µg/L)	Sec-Butylbenzene (µg/L)	N-Butylbenzene (µg/L)	Chloroform (µg/L)	Tert-Butylbenzene (µg/L)	2-Chlorotoluene (µg/L)	
GW-16a (Point of Compliance)	2/7/2000	2.14	6.41	9.00	4.52	8.11	79.5	NA	1.55	2.44	7.78	1.67	<0.500	<0.500	<0.500	2.77	2.25	1.31	<0.500	<0.500	<0.500	
	12/27/2000	2.41	2.25	2.21	4.24	2.12	2.96	NA	0.990	0.560	1.92	<0.500	<0.500	<0.500	<0.500	0.990	0.920	<0.500	<0.500	<0.500	<0.500	
	3/29/2001	1.73	2.11	2.40	3.74	1.51	2.42	NA	0.720	0.500	1.78	<0.500	<0.500	<0.500	<0.500	0.660	0.790	<0.500	<0.500	<0.500	<0.500	
	6/11/2001	1.88	1.94	1.99	3.63	<1.00	1.38	NA	0.77	<0.500	1.35	<0.500	<0.500	<0.500	<0.500	0.66	0.71	<0.500	<0.500	<0.500	<0.500	
	9/24/2001	2.75	2.64	2.97	4.45	1.33	1.68	NA	1.04	<0.500	2.12	<0.500	<0.500	<0.500	<0.500	0.620	0.940	0.760	<0.500	<0.500	<0.500	
	12/26/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/18/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/19/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/25/2002	2.24	1.76	2.54	3.73	<2.0	0.66	NA	0.78	<0.5	1.52	<0.5	<0.5	<0.5	<0.5	0.51	0.68	0.57	<0.5	<0.5	<0.5	<0.5
	12/13/2002	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/13/2003	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/24/2003	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/29/2003	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/18/2003	2.7	2.5	3.5	6.3	<2.0	0.6	<0.5	1.1	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	0.9	1.0	0.8	<0.5	<0.5	<0.5	<0.5
	3/23/2004	1.9	2.0	2.4	4.7	<2.0	<0.5	<0.5	0.8	<0.5	1.3	<0.5	<0.5	<0.5	<0.5	0.6	0.8	0.6	<0.5	<0.5	<0.5	<0.5
	6/21/2004	2.1	1.7	2.5	4.7	<2.0	<0.5	<0.5	0.8	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	0.6	0.7	<0.5	<0.5	<0.5	<0.5	<0.5
	9/23/2004	2.5	2.0	2.5	4.7	<2.0	<0.5	<0.5	0.8	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	0.6	0.8	0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2005	2.0	2.4	2.7	5.1	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/28/2005	1.2	1.4	2.3	5.8	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6/28/2006	1.9	1.7	2.5	4.8	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/1/2006	1.9	1.5	2.9	4.4	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
6/18/2007	1.9	2.4	2.8	5.1	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
12/5/2007	1.2	<1.0	<2.0	3.4	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
6/24/2008	1.7	1.6	1.8	3.8	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
GW-17a	2/7/2000	14.9	<5.00	<5.00	34.1	37.3	<5.00	NA	<5.00	<5.00	<5.00	39.3	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	
	12/27/2000	14.1	0.940	4.20	33.6	22.3	2.35	NA	1.81	<0.500	1.24	<0.500	2.11	<0.500	<0.500	2.05	0.720	0.530	<0.500	<0.500	<0.500	
	3/29/2001	8.74	<0.500	1.53	19.1	32.0	<0.500	NA	1.37	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1.45	0.510	<0.500	<0.500	<0.500	<0.500	
	6/11/2001	10.6	0.53	1.08	27.8	40.2	0.51	NA	1.61	<0.500	<0.500	0.67	<0.500	<0.500	<0.500	2.62	1.68	<0.500	<0.500	<0.500	<0.500	
	9/24/2001	10.8	0.52	1.76	26.3	34.3	0.52	NA	1.73	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	1.86	0.60	0.64	<0.500	<0.500	<0.500	
	12/26/2001	9.0	<5.0	<5.0	23	32	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	6/19/2002	8.9	<5.0	<5.0	21	23	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/13/2002	13	<5.0	<5.0	26	24	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	6/24/2003	11	<5.0	<5.0	28	30	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/18/2003	13	<0.5	1.3	27	21	<0.5	<0.5	1.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.9	1.7	0.6	0.5	<0.5	<0.5	
6/21/2004	12	<0.5	1.2	28	20	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.8	1.9	0.6	<0.5	<0.5	<0.5		
MW-5	10/25/1999	2.52	<0.500	<0.500	23.3	<2.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	1.11	<0.500	5.76	<0.500	<0.500	2.78	<0.500	<0.500	<0.500	
	12/27/2000	2.26	<0.500	<0.500	23.8	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	0.860	<0.500	5.59	<0.500	<0.500	1.44	<0.500	0.510	<0.500	
	3/28/2001	1.79	<0.500	<0.500	22.0	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	0.870	<0.500	4.86	<0.500	<0.500	1.11	<0.500	<0.500	<0.500	
	6/11/2001	1.71	<0.500	<0.500	22.2	1.0	<0.500	NA	<0.500	<0.500	<0.500	<0.500	0.92	<0.500	5.45	<0.500	<0.500	1.67	<0.500	<0.500	<0.500	
	9/24/2001	1.79	<0.500	<0.500	25.7	1.11	<0.500	NA	<0.500	<0.500	<0.500	<0.500	0.93	<0.500	<0.500	<0.500	1.09	1.91	<0.500	<0.500	<0.500	
	12/26/2001	<5.0	<5.0	<5.0	21	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	6/19/2002	<5.0	<5.0	<5.0	24	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/13/2002	<5.0	<5.0	<5.0	24	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	6/24/2003	<5.0	<5.0	<5.0	25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
	12/18/2003	1.1	<0.5	<0.5	24	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.8	<0.5	1.1	2.0	<0.5	0.5	
6/21/2004	0.6	<0.5	<0.5	18	<2.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	4.4	<0.5	0.7	1.7	<0.5	0.7		
Surface Water																						
Surface Water Sample - Ditch	8/11/1999	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500	NA	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	

Notes:
µg/L = Micrograms per liter
< = Compound not detected at or above the stated laboratory reporting limit
Samples analyzed by EPA Test Method 8260
MTBE= methyl tertiary-butyl ether
NA= Not analyzed
* = Carbon disulfide was detected at a concentration of 14 micrograms per liter.
** = Carbon disulfide was detected at a concentration of 2.1 micrograms per liter.
*** = Acetone was detected at a concentration of 54 micrograms per liter.
(1) = Naphthalene was reported four days past the seven day hold time for unpreserved VOAs due to a naphthalene concentration in excess of the instrument's calibration range, which required a dilution.

Table B2
Water Quality Sample Analytical Results - Semivolatile Organic Compounds
2008 Semi-Annual Monitoring Report
Former Oyster Point Landfill
South San Francisco, California

Well Designation	Date Collected	Bis (2-Ethylhexyl) Phthalate (µg/L)	Phenanthrene (µg/L)	Acenaphthene (µg/L)	Anthracene (µg/L)	Benzyl Alcohol (µg/L)	Dibenzofuran (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	2-Methylnaphthalene (µg/L)	Naphthalene (µg/L)	Nitrobenzene (µg/L)	Pyrene (µg/L)	2,4-Dimethylphenol (µg/L)	Dimethylphthalate (µg/L)	Di-N-Butylphthalate (µg/L)	1,4-Dichlorobenzene (µg/L)	N-Nitroso-Di-N-Propylamine (µg/L)	
Surface Water																			
Surface Water Sample - Ditch	8/11/1999	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00

Notes:

µg/L = micrograms per liter

< = compound not detected at or above the stated laboratory reporting limit

Samples analyzed by EPA Test Method 8270

(1) = N-Nitrosodiphenylamine was detected at a concentration of 32 micrograms per liter.

(2) = N-Nitrosodiphenylamine was detected at a concentration of 14 micrograms per liter.

(3) = N-Nitrosodiphenylamine was detected at a concentration of 13 micrograms per liter.

(4) = N-Nitrosodiphenylamine was detected at a concentration of 11 micrograms per liter.

(5) = 4-Chloro-3-methylphenol, 2,4,5-trichlorophenol, 3-nitroaniline, 4-nitrophenol, and pentachlorophenol were detected at concentrations of 11, 10, 22, 37, and 30 micrograms per liter, respectively.