Groundwater Monitoring Report
October 1 through December 31, 2008
Former Hot Mix Asphalt Plant Area (AOC #1)
Hanson Aggregates Radum Facility
3000 Busch Road, Pleasanton, California
(ACEH Case #RO0002941 and
Geotracker Global ID #SLT19719376)

February 10, 2009
001-09567-07

Prepared for:
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February 10, 2009

Mr. Jerry Wickham
Alameda County Health Care Services
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: **Groundwater Monitoring Report, October 1 through December 31, 2008, Former Hot Mix Asphalt Plant Area (AOC #1), Hanson Aggregates Radum Facility, 3000 Busch Road, Pleasanton, California (ACEH Case #RO0002941 and Geotracker Global ID # SLT19719376)**

Dear Mr. Wickham:

The enclosed Groundwater Monitoring Report was prepared by LFR Inc. (LFR) on behalf of Hanson Aggregates West Region for the former hot mix asphalt plant area (located within area of concern [AOC] #1) of the former Hanson Aggregates Radum Facility, located at 3000 Busch Road, Pleasanton, California ("the Site"). This Report presents and discusses the results of the third of four planned quarterly groundwater monitoring events conducted at the Site.

The investigation and groundwater monitoring were conducted in accordance with the February 28, 2008 work plan approved by Alameda County Environmental Health in its technical comment letter dated March 31, 2008. Results are in agreement with previous investigation results and confirm that groundwater beneath the Site has not been affected by total petroleum hydrocarbons previously detected in limited areas of the Site. LFR plans to conduct the fourth groundwater monitoring event during first quarter of 2009.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached Report are true and correct to the best of my knowledge.

If you have any questions or comments concerning this Report, please call me at (925) 244-6584 or Ron Goloubow of LFR at (510) 652-4500.

Sincerely,

Lee W. Cover
Environmental Manager
Hanson Aggregates Northern California

Attachment

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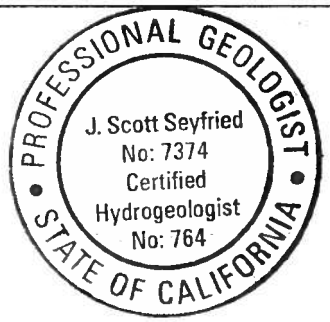
CERTIFICATIONS

LFR Inc. has prepared this Groundwater Monitoring Report on behalf of Hanson Aggregates West Region in a manner consistent with the level of care and skill ordinarily exercised by professional geologists and environmental scientists. This report was prepared under the technical direction of the undersigned California Professional Geologist.

2/10/09

J. Scott Seyfried, P.G., C.HG.
Principal Hydrogeologist
California Professional Geologist (7374)
Registered Hydrogeologist (764)

Date



February 9, 2009

Ron Goloubow
Senior Associate Geologist

Date

EXECUTIVE SUMMARY

This Groundwater Monitoring Report for the period October 1 through December 31, 2008 ("the reporting period") presents the results of the third quarterly groundwater monitoring event conducted by LFR Inc. (LFR) in the former hot mix asphalt plant area of the Hanson Aggregates Radum Facility located in Pleasanton, California ("the Site").

The groundwater monitoring event that was completed during this reporting period represents the third periodic groundwater monitoring event for the Site. The first and second groundwater monitoring events were conducted in June 2008 and September 2008, respectively. Depth-to-groundwater measurements were made prior to sampling. Equipotential contours drawn based on groundwater elevations indicate that the local groundwater flow direction is toward the northwest, with a horizontal groundwater gradient of approximately 0.018 foot per foot.

Wells MW-1 through MW-3 and MW-5 through MW-10 were purged and sampled on January 9, 12, and 13, 2009. Well MW-4 could not be sampled due to an insufficient amount of water in the well. Although these monitoring data were collected in January 2009, as discussed with Mr. Jerry Wickham of Alameda County Environmental Health on January 5, 2009, the groundwater data provided in this report represent the fourth quarter of 2008. Analytical results indicate that none of the analyzed constituents were detected above laboratory reporting limits in any of the groundwater samples collected during this monitoring event. These analytical results are consistent with the previous results and confirm that groundwater beneath the Site has not been affected by the total petroleum hydrocarbons (TPH) or TPH-related compounds detected in limited areas in soil.

LFR will conduct the fourth groundwater monitoring event for the project during the first quarter of 2009, likely in March 2009. Groundwater samples will be collected and analyzed for the same parameters analyzed for during the current reporting period.

1.0 INTRODUCTION

This Groundwater Monitoring Report presents the results of groundwater monitoring activities conducted for the period from October 1 through December 31, 2008 ("the reporting period") by LFR Inc. (LFR) on behalf of Hanson Aggregates West Region in the former hot mix asphalt plant area of the Hanson Aggregates Radum Facility located at 3000 Busch Road, Pleasanton, California ("the Site"; Figure 1). The groundwater monitoring event that was completed during this reporting period represents the third periodic groundwater monitoring and reporting event for the Site. The Site is located within area of concern #1 (AOC #1). Three new wells were installed during June 2008 to increase the groundwater monitoring network at the Site, and quarterly groundwater monitoring was initiated to monitor groundwater quality and groundwater flow direction and gradient for approximately one year.

The scope of work for investigations conducted at the Site during June 2008 was described in the "Work Plan for Additional Well Installations and Quarterly Groundwater Monitoring and Reporting in the Former Hot Mix Asphalt Plant Area (AOC #1) of the Hanson Aggregates Radum Facility, 3000 Busch Road, Pleasanton, California, SLIC Case #RO0002941 and Geotracker ID SLT19719376" ("the Work Plan"), which was submitted to Alameda County Environmental Health (ACEH) on February 28, 2008. ACEH approved the Work Plan on March 31, 2008. In its approval letter, ACEH requested that sampling for dissolved metals be conducted during the second quarterly groundwater monitoring event instead of the first as proposed in the Work Plan, to allow additional time to pass between installing the three new groundwater monitoring wells and sampling for dissolved metals.

LFR completed the well installation work during June 9 through 11, 2008, and conducted the first of four planned quarterly groundwater monitoring events on June 16, 2008. As requested by ACEH in its March 31, 2008 letter, LFR submitted a report that presented a summary of the well installation activities completed and the results of the quarterly groundwater monitoring event in the "Combined Well Installation and Groundwater Monitoring Report for the Period of April 1 through June 30, 2008, Former Hot Mix Asphalt Plant Area (AOC #1), Hanson Aggregates Radum Facility, 3000 Busch Road, Pleasanton, California, ACEH Case #RO0002941 and Geotracker Global ID #SLT19719376," which was submitted on July 23, 2008.

LFR completed the second groundwater monitoring event on September 15, 2008. Results from this monitoring event were presented to ACEH on November 10, 2008.

2.0 METHODOLOGY

2.1 Quarterly Groundwater Monitoring

The third of four planned quarterly groundwater monitoring events was conducted on January 9 to 13, 2009. This monitoring event consisted of measuring depth to groundwater and of purging and sampling groundwater monitoring wells MW-1 through MW-10. The methodology of the groundwater monitoring event is described in this section, and results are presented and discussed in Section 3.0.

2.1.1 Groundwater Elevation Monitoring

Depth-to-groundwater monitoring was conducted prior to purging and sampling, using a Solinst water level indicator, and with respect to the top of casing (TOC). Depth-to-groundwater measurements were recorded on a field sheet, a copy of which is included in Appendix A. Groundwater elevations were calculated by subtracting the depth-to-groundwater measurement from the TOC elevation.

2.1.2 Groundwater Well Purging and Sampling

Wells MW-1 through MW-10 (except for well MW-4) were purged and sampled using single-use, disposable bailers on January 9 to 13, 2009. Well MW-4 did not contain a sufficient amount of groundwater for purging and sampling. The Work Plan proposed that a low-flow purging and sampling technique would be used during the quarterly groundwater monitoring events. During implementation of this purging method, it was discovered that the yield for many of the wells is not sufficient to sustain a consistent water level during low-flow sampling; however, the wells could produce three casing volumes. Therefore, three casing volumes of groundwater were purged from each well before the groundwater sample was collected. This method of sample collection was also used during the October 2007, June 2008, and September 2008 sampling events.

Depth-to-groundwater and general water-quality parameters were monitored during purging, and the parameters were recorded on field sheets, copies of which are included in Appendix A. The wells were considered sufficiently purged after at least three casing volumes were removed from each well and general water-quality parameters stabilized. Groundwater samples were collected after purging was completed.

Groundwater samples were collected in clean, laboratory-provided sample containers, properly labeled, and stored in an ice-chilled cooler for transport to the analytical laboratory under chain-of-custody protocol. One field duplicate sample was collected from well MW-6. In addition, a field blank was collected and submitted to the laboratory for quality control purposes. A trip blank did not accompany the groundwater samples due to the close proximity of the analytical laboratory to the Site.

2.1.3 Quarterly Monitoring Laboratory Analyses

Groundwater samples were submitted to TestAmerica Laboratories, Inc., a California-certified analytical laboratory located in Pleasanton, California. All samples were analyzed for the following parameters, and in accordance with the sample matrix presented in Table 1:

- Total petroleum hydrocarbons (TPH) as diesel and TPH as motor oil by U.S. Environmental Protection Agency (EPA) Method 8015 (after undergoing silica-gel cleanup)
- TPH as gasoline by EPA Method 8260
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8260
- Fuel oxygenates by EPA Method 8260
- Lead scavengers by EPA Method 8260
- Semivolatile organic compounds by EPA Method 8270

Analytical results for the quarterly groundwater monitoring event are summarized in Table 3 based on laboratory-certified analytical reports included in Appendix B.

3.0 RESULTS

A summary of analytical results is presented in Table 3. Analytical results for groundwater samples collected during the current quarterly groundwater monitoring event are presented and summarized on Figure 4. Groundwater elevation data and interpreted groundwater equipotential contours are presented on Figure 5. Relevant San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (ESLs) are included in the summary tables, and compounds detected at concentrations that exceeded the ESLs are highlighted in the appropriate summary tables and figures.

3.1 Groundwater Elevations

Groundwater elevations are summarized in Table 2. Groundwater elevation data and contours are presented on Figure 5.

The groundwater elevation contours indicate that the groundwater flow direction beneath the Site was approximately to the northwest on January 9, 2009, with a horizontal groundwater gradient of approximately 0.018 foot per foot. These results are similar to results from previous groundwater elevation monitoring conducted at the Site on October 22, 2007, June 16, 2008, and September 15, 2008.

3.2 Groundwater Analytical Results

Analytical results for the samples collected for this quarterly groundwater sampling event are presented on Figure 4. Table 3 presents current and historical analytical data for the samples collected from the groundwater monitoring wells at the Site.

Analytical results indicate that none of the compounds analyzed for in the groundwater monitoring wells were detected above laboratory reporting limits (Table 4). These data are generally consistent with analytical results from groundwater samples collected during previous quarterly groundwater sampling events. The analytical results from the current quarterly groundwater monitoring event confirm that groundwater beneath the Site has not been affected by the TPH or TPH-related compounds that have been detected in soil within limited areas at the Site.

4.0 SUMMARY AND RECOMMENDATIONS

The results from this groundwater monitoring event are consistent with the results of previous data collected from the Site. Groundwater elevation data indicate that the direction of groundwater flow beneath the Site during this quarterly sampling event was approximately to the northwest, with a horizontal groundwater gradient of approximately 0.018 foot per foot.

Groundwater samples were collected from all groundwater monitoring wells, except for MW-4, which could not be sampled due to an insufficient amount of water in this well. Analytical results for samples collected at the Site indicate that the compounds analyzed for were not present above laboratory reporting limits in any of the wells sampled during the second groundwater monitoring event with the exception of well MW-2. These results are consistent with the two previous groundwater monitoring events and indicate that groundwater beneath the Site has not been affected by the TPH or TPH-related compounds that have been detected in soil samples beneath limited areas of the Site .

As described in the Work Plan and approved by ACEH, LFR will conduct the fourth of four planned groundwater monitoring events for the Site during the first quarter of 2009. Groundwater samples collected during this monitoring event will be analyzed for the same parameters analyzed for during the current quarter (Table 1). The next groundwater monitoring report will be submitted to ACEH by May 11, 2009.

5.0 LIMITATIONS

The opinions and recommendations presented in this report are based upon the scope of services, information obtained through the performance of the services, and the schedule as agreed upon by LFR and the party for whom this report was originally

prepared. This report is an instrument of professional service and was prepared in accordance with the generally accepted standards and level of skill and care under similar conditions and circumstances established by the environmental consulting industry. No representation, warranty, or guarantee, expressed or implied, is intended or given. To the extent that LFR relied upon any information prepared by other parties not under contract to LFR, LFR makes no representation as to the accuracy or completeness of such information. This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared for a particular purpose. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk.

Results of any investigations or testing and any findings presented in this report apply solely to conditions existing at the time when LFR's investigative work was performed. It must be recognized that any such investigative or testing activities are inherently limited and do not represent a conclusive or complete characterization. Conditions in other parts of the Site may vary from those at the locations where data were collected. LFR's ability to interpret investigation results is related to the availability of the data and the extent of the investigation activities. As such, 100 percent confidence in environmental investigation conclusions cannot reasonably be achieved.

LFR, therefore, does not provide any guarantees, certifications, or warranties regarding any conclusions regarding environmental contamination of any such property. Furthermore, nothing contained in this document shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards.

6.0 REFERENCES

Alameda County Environmental Health (ACEH). 2008. Letter from Jerry Wickham to Lee Cover of Hanson Aggregates West Region, re: SLIC Case RO0002941 and Geotracker Global ID STL19719376, Hanson Aggregates Radum Plant, 3000 Busch Road, Pleasanton, CA 94566. March 31.

LFR Inc. (LFR). 2008a. Work Plan for Additional Well Installations and Quarterly Groundwater Monitoring and Reporting in the Former Hot Mix Asphalt Plant Area (AOC #1) of the Hanson Aggregates Radum Facility, 3000 Busch Road, Pleasanton, California, SLIC Case #RO0002941 and GeoTracker ID SLT19719376. February 28.

———. 2008b. Combined Well Installation and Groundwater Monitoring Report for the Period of April 1 through June 30, 2008, Former Hot Mix Asphalt Plant Area (AOC #1), Hanson Aggregates Radum Facility, 3000 Busch Road, Pleasanton, California, ACEH Case #RO0002941 and Geotracker Global ID # SLT19719376. July 23.

———. 2008c. Groundwater Monitoring Report, July 1 through September 30, 2008, Former Hot Mix Asphalt Plant Area (AOC #1), Hanson Aggregates Radum Facility, 3000 Busch Road, Pleasanton, California, ACEH Case #RO0002941 and Geotracker Global ID # SLT19719376. November 10.

Regional Water Quality Control Board, San Francisco Bay Region. 2008. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater (Interim Final – November 2007); Environmental Screening Levels ("ESLs"). Technical Document. May.

Table 1
Quarterly Groundwater Monitoring Sample Matrix
Former Hot Mix Asphalt Plant Area
Hanson Radum Facility, 3000 Busch Road, Pleasanton, California

Well ID	Date Installed	Approximate Screen Interval top (feet bgs)	bottom (feet bgs)	TPHd / TPHmo 8015	TPHg 8260	BTEX 8260	Fuel Ox 8260	Lead Scav 8260	SVOCs 8270	Dissolved Metals 6010B
Groundwater Monitoring Wells										
MW-1	10/3/2007	45	60	x	x	x	x	x	x	-
MW-2	10/2/2007	45	60	x	x	x	x	x	x	-
MW-3	10/4/2007	45	60	x	x	x	x	x	x	once [1]
MW-4	10/5/2007	43	48	x	x	x	x	x	x	-
MW-5	10/9/2007	69	74	x	x	x	x	x	x	-
MW-6	10/10/2007	45	55	x	x	x	x	x	x	-
MW-7	10/1/2007	50	65	x	x	x	x	x	x	-
MW-8	6/9/2008	51	61	x	x	x	x	x	x	once [1]
MW-9	6/10/2008	42	52	x	x	x	x	x	x	once [1]
MW-10	6/11/2008	44	54	x	x	x	x	x	x	-
Quality Assurance and Quality Control Samples [2]										
Field Blank	na	na	na	x	x	x	x	x	x	-
Trip Blank	na	na	na	-	x	x	x	x	-	-

Notes:

feet bgs = feet below ground surface

"x" = to be analyzed quarterly for four consecutive quarters

"-" = not analyzed

na = not applicable

[1] Samples for dissolved metals were collected only once, during the second groundwater monitoring event on September 16, 2008.

[2] One field blank (FB) sample will be collected during each quarterly monitoring event, and one trip blank (TB) sample will be collected for every cooler of samples transported to the laboratory during every quarterly monitoring event.

TPHd = total petroleum hydrocarbons as diesel by EPA Method 8015 (with silica gel cleanup)

TPHmo = total petroleum hydrocarbons as motor oil by EPA Method 8015 (with silica gel cleanup)

TPHg = total petroleum hydrocarbons as gasoline by EPA Method 8260

BTEX = benzene, toluene, ethylbenzene, and total xylenes by EPA Method 8260

Fuel Ox = fuel oxygenates by EPA Method 8260

Lead Scav = lead scavengers by EPA Method 8260

SVOCs = semivolatile organic compounds by EPA Method 8270

Dissolved Metals = CAM 17 list of dissolved metals (laboratory filtered samples) by EPA Method 6010B

Table 2
Groundwater Monitoring Well Construction Details
Former Hot Mix Asphalt Plant Area
Hanson Radum Facility, 3000 Busch Road, Pleasanton, California

Monitoring Well ID	Installation Date	Boring Hole Diameter (inches)	Casing Diameter (inches)	Approximate Total Well Depth (feet bgs)	Approximate Screened Interval (feet bgs)	Top of Casing Elevation[1] (feet msl)	Depth to Groundwater Measured on 1/09/09 (feet TOC)	Groundwater Elevation (feet msl)
MW-1	10/3/07	8.0	2.0	60	45 - 60	374.67	57.79	316.88
MW-2	10/2/07	8.0	2.0	60	45 - 60	376.33	56.05	320.28
MW-3	10/4/07	8.0	2.0	60	45 - 60	374.95	55.00	319.95
MW-4	10/5/07	8.0	2.0	48	43 - 48	372.94	48.85	DRY
MW-5	10/9/07	8.0	2.0	74	69 - 74	374.35	75.04	299.31
MW-6	10/10/07	8.0	2.0	55	45 - 55	375.03	49.67	325.36
MW-7	10/1/07	8.0	2.0	65	50 - 65	377.68	58.14	319.54
MW-8	6/9/08	8.0	2.0	61	51 - 61	378.60	56.22	322.38
MW-9	6/10/08	8.0	2.0	52	42 - 52	375.75	51.88	323.87
MW-10	6/11/08	8.0	2.0	54	44 - 54	375.62	51.64	323.98

Notes:
ID = identification; monitoring well identification number
feet bgs = feet below ground surface
feet msl = feet relative to mean sea level
feet TOC = feet below top of casing
[1] Top of casing elevation and land survey, conducted by Kier & Wright Civil Engineers & Surveyors, Inc., is approximately 3.0 feet above ground surface.

Table 3
Groundwater Monitoring Well Analytical Results
Former Hot Mix Asphalt Plant Area
Hanson Radum Facility, 3000 Busch Road, Pleasanton, California

Monitoring Well ID	Date	Total Petroleum Hydrocarbons			BTEX (ug/l)	Fuel Ox (ug/l)	Lead Scav (ug/l)	SVOCs (ug/l)	Dissolved Metals (ug/l)
		TPHd (ug/l)	TPHmo (ug/l)	TPHg (ug/l)					
MW-1	10/22/07	< 50	< 300	< 50	ND	ND	ND	-	-
	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/15/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	1/13/09	< 50	< 300	< 50	ND	ND	ND	ND	-
MW-2	10/22/07	< 50	< 300	< 50	ND	ND	ND	-	-
	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/15/08	< 50 / < 50	< 300 / < 300	< 50 / < 50	ND	ND	ND	**ND** [3]	-
	1/9/09	< 50	< 300	< 50	ND	ND	ND	ND	-
MW-3	10/22/07	< 50 / < 50	< 300 / < 300	< 50 / < 50	0.3J / 0.3J [1]	ND/ND	ND	-	-
	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/16/08	< 50	< 300	< 50	ND	ND	ND	ND	ND [4]
	1/13/09	< 50	< 300	< 50	ND	ND	ND	ND	-
MW-4	10/22/07	-	-	-	-	-	-	-	-
	6/16/08	-	-	-	-	-	-	-	-
	9/15/08	-	-	-	-	-	-	-	-
	1/9/09	-	-	-	-	-	-	-	-
MW-5	10/22/07	< 50	< 300	< 50	0.4J [2]	ND	ND	-	-
	6/16/08	< 50 / < 50	< 300 / < 300	< 50 / < 50	ND	ND	ND	ND	-
	9/15/08	-	-	-	-	-	-	-	-
	1/9/09	< 50	< 300	< 50	ND	ND	ND	ND	-
MW-6	10/22/07	< 50	< 300	< 50	ND	ND	ND	-	-
	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/15/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	1/13/09	< 50 / < 50	< 300 / < 300	< 50 / < 50	ND / ND	ND / ND	ND / ND	ND / ND	-
MW-7	10/22/07	< 50	< 300	< 50	ND	ND	ND	-	-
	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	1/13/09	< 50	< 300	< 50	ND	ND	ND	ND	-

Table 3
Groundwater Monitoring Well Analytical Results
Former Hot Mix Asphalt Plant Area
Hanson Radum Facility, 3000 Busch Road, Pleasanton, California

Monitoring Well ID	Date	Total Petroleum Hydrocarbons TPHd (ug/l)	TPHmo (ug/l)	TPHg (ug/l)	BTEX (ug/l)	Fuel Ox (ug/l)	Lead Scav (ug/l)	SVOCs (ug/l)	Dissolved Metals (ug/l)
MW-8	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/16/08	< 50	< 300	< 50	ND	ND	ND	ND	ND [4]
	1/12/09	< 50	< 300	< 50	ND	ND	ND	ND	-
MW-9	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/16/08	< 50	< 300	< 50	ND	ND	ND	ND	**ND [4,5]**
	1/9/09	< 50	< 300	< 50	ND	ND	ND	ND	-
MW-10	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	1/13/09	< 50	< 300	< 50	ND	ND	ND	ND	-
Field Blank	6/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	9/16/08	< 50	< 300	< 50	ND	ND	ND	ND	-
	1/13/09	< 50	< 300	< 50	ND	ND	ND	ND	-
Trip Blank	6/16/08	-	< 300	< 50	ND	ND	ND	-	-
	9/16/08	-	< 300	< 50	ND	ND	ND	-	-
ESL groundwater		100	100	100	various	various	various	various	various

Notes:

MW ID = identification; monitoring well identification number
ug/l = micrograms per liter
ND = not detected; no compounds were detected above their respective laboratory reporting limits
J = reported concentration is estimated below the laboratory reporting limit
"-" = sample not analyzed or no ESL exists
"<" = not detected above the laboratory report given

TPHd = total petroleum hydrocarbons as diesel
TPHmo = total petroleum hydrocarbons as motor oil
TPHg = total petroleum hydrocarbons as gasoline
BTEX = benzene, toluene, ethylbenzene, and total xylenes
Fuel Ox = fuel oxygenates
Lead Scav = lead scavengers
SVOCs = semivolatile organic compounds

ESLs = Environmental Screening Levels by San Francisco Bay Regional Water Quality Control Board, May 2008, for Groundwater beneath Industrial/Commercial Land Use Areas where Groundwater is a Current or Potential Source of Drinking Water.

[1] Toluene was detected at a low concentration of 0.3 ug/l estimated below the laboratory reporting limit in both the primary and duplicate samples collected from well MW-3 on 10/22/07.

[2] Toluene was detected at a low concentration of 0.4 ug/l estimated below the laboratory reporting limit in the sample collected from well MW-4 on 10/22/07.

Table 3
Groundwater Monitoring Well Analytical Results
Former Hot Mix Asphalt Plant Area
Hanson Radum Facility, 3000 Busch Road, Pleasanton, California

Monitoring Well ID	Date	Total Petroleum Hydrocarbons			BTEX (ug/l)	Fuel Ox (ug/l)	Lead Scav (ug/l)	SVOCs (ug/l)	Dissolved Metals (ug/l)
		TPHd (ug/l)	TPHmo (ug/l)	TPHg (ug/l)					

[3] Bis(2-ethylhexyl)phthalate detected at 9.8 ug/l in MW-2 and not in MW-2 Duplicate (ESL is 4.0 ug/l).

[4] Barium was detected in MW-3, MW-8, and MW-9 at 160, 230, and 150 ug/l, respectively (ESL is1,000 ug/l).

[5] Copper was detected in MW-9 at 5.0 ug/l (ESL is 3.1 ug/l).

Bold font indicates that analyte detected was above the ESL.

Table 4
Groundwater Monitoring Well Analytical Results for Third Quarter 2008
Former Hot Mix Asphalt Plant Area
Hanson Radum Facility, 3000 Busch Road, Pleasanton, California

(Concentrations reported in micrograms per liter [ug/l])

Sample ID	Date Sampled	Approximate Screen Interval (feet bgs)	Matrix				BTEX compounds					Fuel Oxygenates					Lead Scavengers	
				TPHd (ug/l)	TPHmo (ug/l)	TPHg (ug/l)	B (ug/l)	T (ug/l)	E (ug/l)	m,p-X (ug/l)	o-X (ug/l)	MTBE (ug/l)	TAME (ug/l)	DIPE (ug/l)	ETBE (ug/l)	TBA (ug/l)	EDB (ug/l)	EDC (ug/l)
Groundwater Monitoring Wells																		
MW-1	1/13/08	45 - 60	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-2	1/9/09	45 - 60	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-3	1/13/09	45 - 60	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-4 [1]	NS	43 - 48	water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	1/9/09	69 - 74	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-6	1/13/09	45 - 55	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-6 (Dup)	1/13/09	45 - 55	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-7	1/13/09	50 - 65	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-8	1/12/09	51 - 61	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-9	1/9/09	42 - 52	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
MW-10	1/13/09	44 - 54	water	< 50	< 300	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
Field Blank	1/13/09	na	water	-	-	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 10	< 0.5	< 0.5
			ESL groundwater	100	100	100	1	40	30	20	20	5	-	-	-	-	0.05	0.5

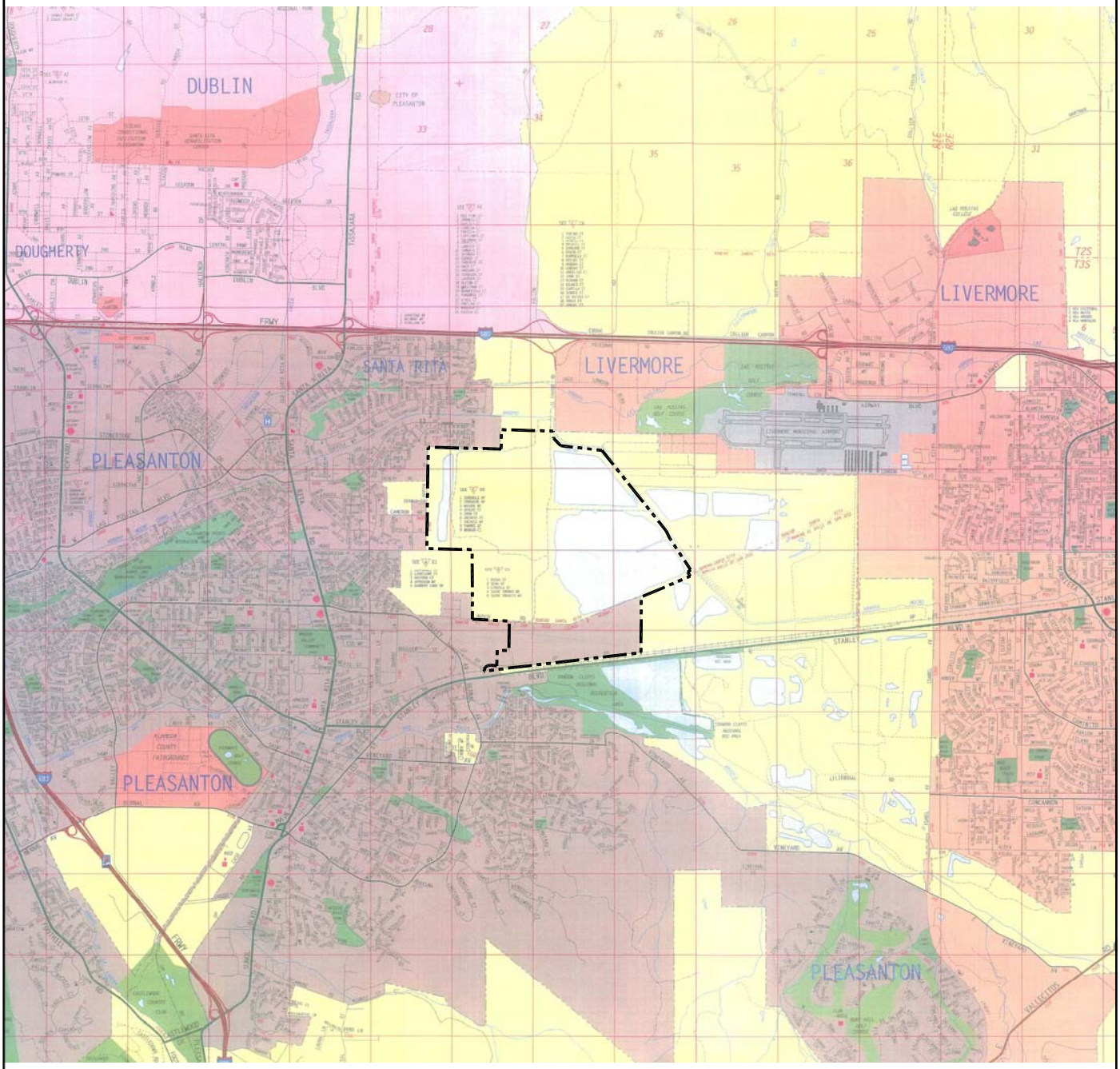
Notes:

feet bgs = feet below ground surface
na = not applicable
NS = not sampled
TPHd = total petroleum hydrocarbons as diesel
TPHmo = total petroleum hydrocarbons as motor oil
TPHg = total petroleum hydrocarbons as gasoline
BTEX = benzene, toluene, ethylbenzene, and total xylenes
(Dup) = a duplicate sample collected immediately after primary sample was collected
"-" = sample not analyzed or no ESL exists
"<" = not detected above the laboratory report given

B = benzene
T = toluene
E = ethylbenzene
m,p-X = m,p-xylenes
o-X = o-xylenes

MTBE = methyl tertiary-butyl ether
TAME = tert-amyl methyl ether (methyl tert-amyl ether)
DIPE = diisopropyl ether (isopropyl ether)
ETBE = ethyl tert-butyl ether
TBA = tert-butyl alcohol
EDB = 1,2-dibromoethane (ethylene dibromide)
EDC = 1,2-dichloroethane

[1] No groundwater sample could be collected from well MW-4 because insufficient water was present in the well at the time of sampling.
ESLs = Environmental Screening Levels by San Francisco Bay Regional Water Quality Control Board (May 2008)
for Groundwater beneath Industrial/Commercial Land Use Areas where Groundwater is a Current or Potential Source of Drinking Water.



Source: Thomas Guide

EXPLANATION

Approximate Site Boundary

N

0 5000 FEET

APPROXIMATE SCALE

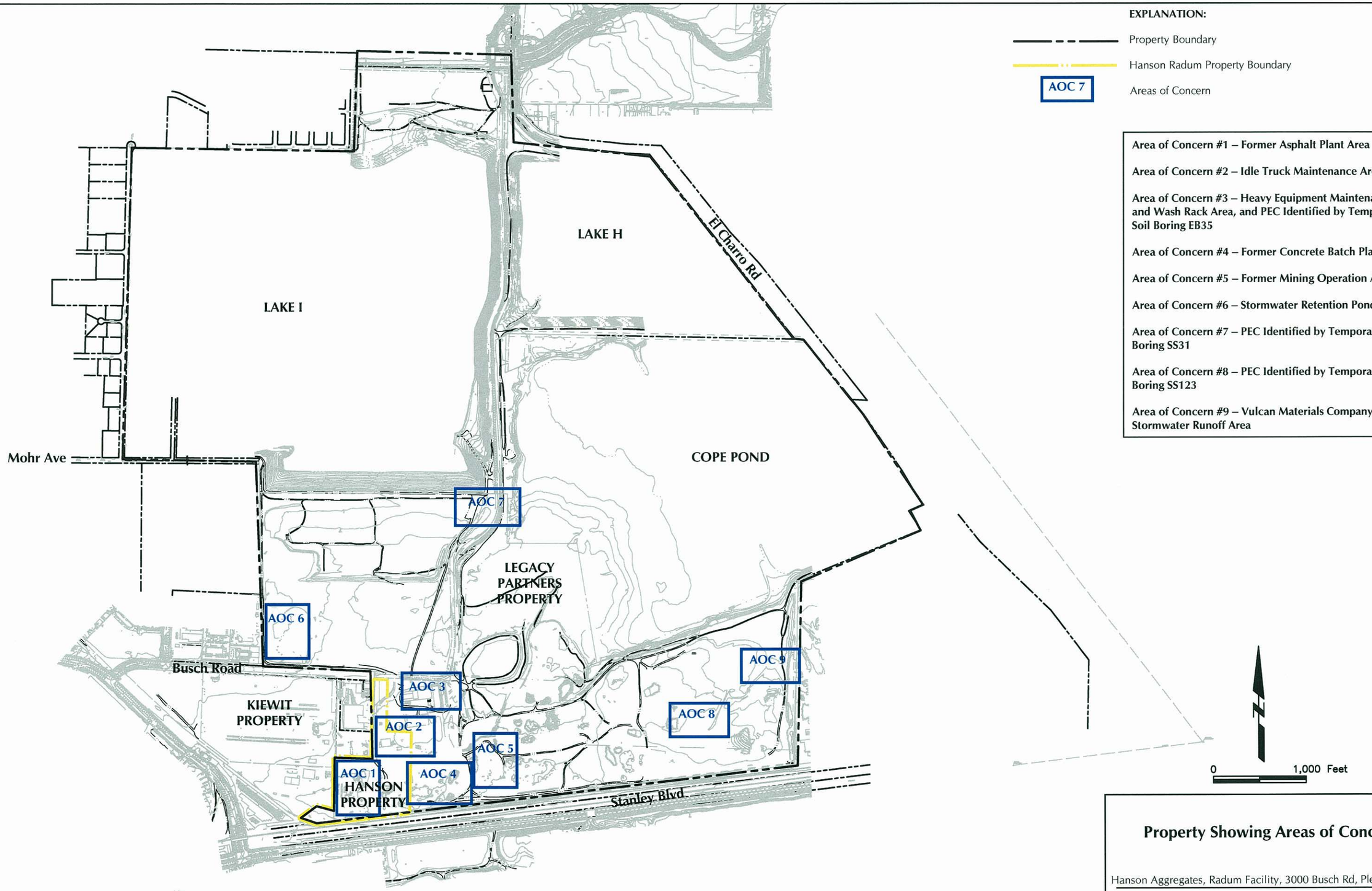
Site Location Map

Hanson Aggregates, Radum Facility, 3000 Busch Rd, Pleasanton, CA

LFR

Figure 1

I:\Design\001\09567\00\dwg\Pleasanton Drilling Locations.dwg Oct 23,2007-2:19pm



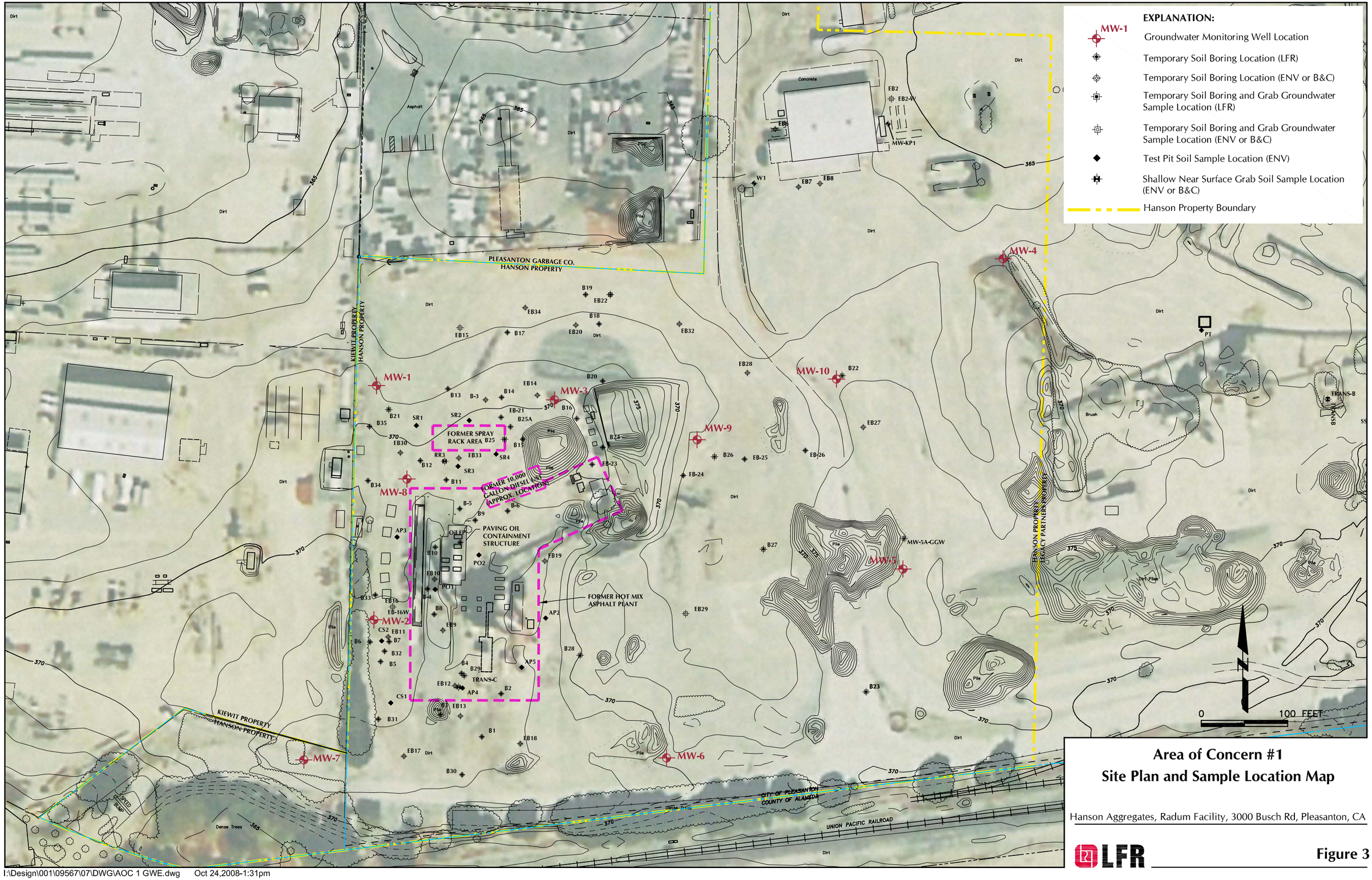
Property Showing Areas of Concern

Hanson Aggregates, Radum Facility, 3000 Busch Rd, Pleasanton, CA

LFR

Figure 2

I:\Design\001\09567\02\dwg\Site Plan w AOCs.dwg Jul 22,2008-10:36am



Area of Concern #1
Site Plan and Sample Location Map

Hanson Aggregates, Radum Facility, 3000 Busch Rd, Pleasanton, CA

LFR

Figure 3

I:\Design\001\09567\07\DWG\AOC 1 GWE.dwg Oct 24,2008-1:31pm

EXPLANATION:

- MW-1 — Groundwater Monitoring Well Location
- Temporary Soil Boring Location (LFR)
- Temporary Soil Boring Location (ENV or B&C)
- Temporary Soil Boring and Grab Groundwater Sample Location (LFR)
- Temporary Soil Boring and Grab Groundwater Sample Location (ENV or B&C)
- Test Pit Soil Sample Location (ENV)
- Shallow Near Surface Grab Soil Sample Location (ENV or B&C)
- Hanson Property Boundary

Location ID
Date Sample Collected
Analyte /Duplicate
Concentrations in micrograms per Liter (µg/L)
Approximate screen interval in feet below ground surface

TPHd	Total Petroleum Hydrocarbons as diesel
TPHmo	Total Petroleum Hydrocarbons as motor oil
TPHg	Total Petroleum Hydrocarbons as gasoline
Oxy&Pb	Fuel Oxygenates and Lead Scavengers
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
SVOCs	Semivolatile Organic Compounds

MW-1							1/13/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
45-60	< 50	< 300	< 50	ND	ND	ND	

MW-8							1/9/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
51-61	< 50	< 300	< 50	ND	ND	ND	

MW-3							1/13/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
45-60	< 50	< 300	< 50	ND	ND	ND	

MW-4							1/9/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
43-48	-	-	-	-	-	-	

MW-6							1/13/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
69-74	< 50/< 50	< 300/< 30	< 50/< 50	ND/ND	ND/ND	ND/ND	

MW-10							1/13/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
44-54	< 50	< 300	< 50	ND	ND	ND	

MW-9							1/9/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
42-52	< 50	< 300	< 50	ND	ND	ND	

MW-5							1/9/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
69-74	< 50	< 300	< 50	ND	ND	ND	

MW-2							1/9/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
45-61	< 50	< 300	< 50	ND	ND	ND	

MW-7							1/13/2009
Screen Interval	TPHd	TPHmo	TPHg	BTEX	Oxy&Pb	SVOCs	
50-65	< 50	< 300	< 50	ND	ND	ND	

PLEASANTON GARBAGE CO.
HANSON PROPERTY
KIEWIT PROPERTY
HANSON PROPERTY
FORMER SPRAY RACK AREA
FORMER 10,000 GALLON DIESEL UST (APPROX. LOCATION)
PAVING OIL CONTAINMENT STRUCTURE
FORMER HOT MIX ASPHALT PLANT
TRUCK SCALE
OILER
TRANS-C
HANSON PROPERTY
LEGACY PARTNERS PROPERTY
CITY OF PLEASANTON
COUNTY OF ALAMEDA
UNION PACIFIC RAILROAD
Concrete
Asphalt
Dirt
Dense Trees

0 100 FEET

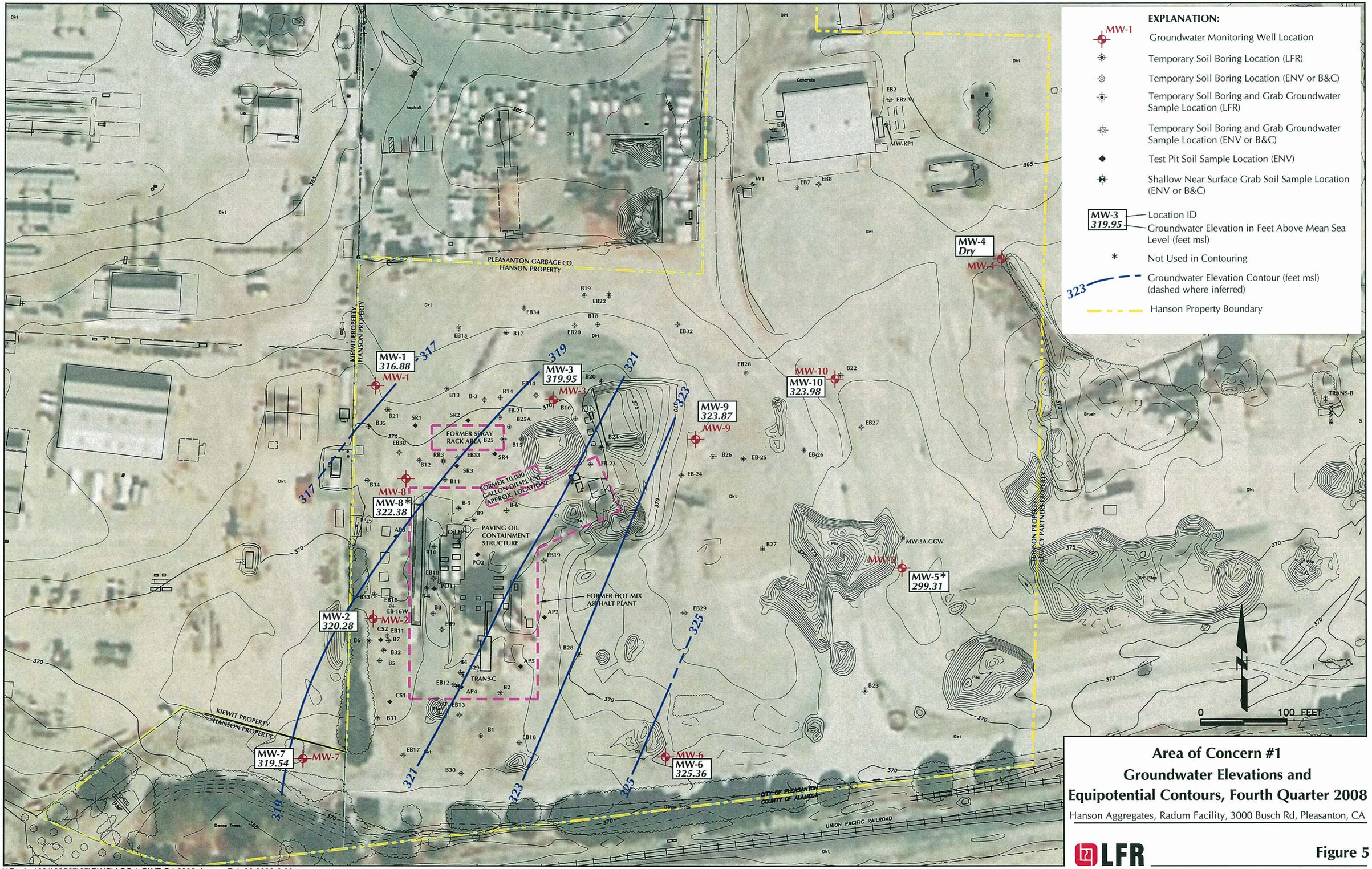
Area of Concern #1
Groundwater Monitoring Wells
Analytical Results, Fourth Quarter 2008

Hanson Aggregates, Radum Facility, 3000 Busch Rd, Pleasanton, CA

LFR

Figure 4

I:\Design\001\09567\07\DWG\AOC 1 GWE Q4 2008.dwg Feb 09,2009-2:37pm



Area of Concern #1
Groundwater Elevations and
Equipotential Contours, Fourth Quarter 2008

Hanson Aggregates, Radum Facility, 3000 Busch Rd, Pleasanton, CA

LFR

Figure 5

I:\Design\001\09567\07\DWG\AOC 1 GWE Q4 2008.dwg Feb 09,2009-2:39pm

APPENDIX A

Groundwater Monitoring Well Development and Sampling Field Sheets

LFR LEVINE-FRICKE

WATER-LEVEL MEASUREMENTS LOG

Project No. 001-09567-07 Date 1/9/09 Page ___ of ___

Project Name Hanson - Radum Day: ☐ Sun ☐ Mon ☐ Tues ☐ Weds ☐ Thurs ☒ Fri ☐ Sat

Field Personnel Tom Collins

General Observations Sunny

WELL NO.	WELL ELEVATION	DEPTH TO WATER 1	DEPTH TO WATER 2	WATER ELEVATION	WELL SECURE? Y	WELL SECURE? N	REMARKS (UNITS = FEET)
MW-1	10:03	57.79	57.79				
MW-2	10:11	56.05	56.05				
MW-3	9:57	55.00	55.00				
MW-4	9:10	48.85	48.85				depth to bottom/mud well is dry
MW-5	10:30	75.04	75.04				
MW-6	10:21	49.67	49.67				
MW-7	10:18	58.14	58.14				
MW-8	10:15	56.22	56.22				
MW-9	10:26	51.88	51.88				
MW-10	9:19	51.64	51.64				

JRC

LFR LEVINE-FRICKE

WATER-QUALITY SAMPLING LOG

Project No. 001-09567-07 Date 1/13/09 Page ___ of ___

Project Name Hanson Radum Sampling Location MW-1

Sampler's Name Tom Collins Sample No. MW-1 ☐ FB

Sampling Plan By ___ Dated ___ C.O.C. No. ___ ☐ DUP ___

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☐ Teflon Bailer ☐ Other ___

Purge Water Storage Container Type Drum Storage Location on site

Date Purge Water Disposed ___ Where Disposed ___

Analyses Requested	No. and Type of Bottles Used

Lab Name Test America

Delivery By ☐ Courier ___ ☐ Hand ___

Well No. MW-1 Depth of Water 57.83

Well Diameter: ___ Well Depth 62.90

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 5.07

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume .811 ~1

1.014 + 57.83

80% DTW 58.844

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (C°)	pH (SU)	Cond (µmhos)	Turb (NTU)	Remarks
				O1P			MS/cm	DO	
11:20		57.83	Start		Purge				
11:27			1.0	38.4	19.16	6.89	1.278	4.82	
11:34			2.0	54.1	19.05	6.89	1.285	4.42	
11:39			3.0	57.4	18.88	6.88	1.298	3.71	
11:45			4.0	64.2	18.87	6.88	1.298	2.95	
11:50		58.24	Sample						
					TRC				

Continue remarks on reverse, if needed.

LFR LEVINE FRICKE

WATER-QUALITY SAMPLING LOG

Project No. 001-09567-07 Date 1/9/08 Page ___ of ___

Project Name Hanson Radum Sampling Location MW-2

Sampler's Name TOM Collins Sample No. MW-2 ☐ FB

Sampling Plan By ? Dated ___ C.O.C. No. ___ ☐ DUP ___

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☐ Teflon Bailer ☐ Other ___

Purge Water Storage Container Type Drum Storage Location on Site

Date Purge Water Disposed ___ Where Disposed ___

Analyses Requested	No. and Type of Bottles Used

Lab Name Test America

Delivery By ☐ Courier ___ ☒ Hand ___

Well No. MW-2 Depth of Water 56.05

Well Diameter: 2" Well Depth 62.55

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 6.5

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume 1.04 ~ (1)

56.05 + 1.3

80% DTW 57.35

DO mS/cm ORP

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (C°)	pH (SU)	Cond (µmhos)	Turb (NTU)	Remarks
15:10		Start Purge							
15:15			1.0	3.52	16.45	6.80	.823	115.0	
15:21			2.0	2.62	16.44	6.51	.809	127.5	
15:25			3.0	3.22	16.55	6.51	.813	138.4	
15:30			4.0	3.07	16.28	6.48	.803	144.3	
15:35			5.0	3.23	16.52	6.52	.806	146.1	
15:40			6.0	3.51	16.63	6.51	.808	142.3	
15:44			7.0	3.16	16.34	6.51	.802	147.6	
15:48			8.0	3.14	16.50	6.49	.808	149.4	
15:51			9.0	3.16	16.76	6.50	.811	150.5	
15:55	Sample				56.83	DTW			
					TRC				

Continue remarks on reverse, if needed.

LFR LEVINE • FRICKE

WATER-QUALITY SAMPLING LOG

Project No. 001-04567-07 Date 1/13/09 Page 1 of 1

Project Name Hanford Radium Sampling Location MW-3

Sampler's Name Tom Collins Sample No. MW-3 ☐ FB

Sampling Plan By _____ Dated _____ C.O.C. No. _____ ☐ DUP

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☐ Teflon Bailer ☐ Other _____

Purge Water Storage Container Type Drum Storage Location on site

Date Purge Water Disposed _____ Where Disposed _____

Analyses Requested	No. and Type of Bottles Used

Lab Name Test America

Delivery By ☐ Courier _____ ☒ Hand _____

Well No. MW-3 Depth of Water 55.04

Well Diameter: 2" Well Depth 62.46

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 7.42

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume 1.19 ~ 1.25

1.48H + 55.04

80% DTW 56.52

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer ~~Reading~~ ORP	Temperature (C°)	pH (SU)	Cond (µmhos) MS/cm ✓	~~Turb~~ (NTU) DO	Remarks
1142			1.25	155.4	18.15	6.74	994	2.05	
1147			2.5	141.6	18.09	6.61	992	1.61	
1153			3.75	141.2	18.01	6.52	992	1.56	
1158			5	131.8	17.99	6.56	992	1.85	
1204			6.25	124.4	18.03	6.55	992	1.99	
1210			7.5	118.4	17.99	6.53	991	1.93	
		~~54.98~~ 54.96							
1225		54.96	Sample						

TRC

Continue remarks on reverse, if needed.

LFR LEVINE • FRICKE

WATER-QUALITY SAMPLING LOG

Project No. 001-09567-07 Date 1/9/04 Page 1 of 1

Project Name Hanson Radum Sampling Location

Sampler's Name Tom Collins Sample No. MW-5 ☐ FB

Sampling Plan By T&S Dated 1/9/04 C.O.C. No. ☐ DUP

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☐ Teflon Bailer ☐ Other

Purge Water Storage Container Type DRum Storage Location

Date Purge Water Disposed Where Disposed

Analyses Requested	No. and Type of Bottles Used

Lab Name TEST american

Delivery By ☐ Courier ☒ Hand

Well No. MW-5 Depth of Water 75.04

Well Diameter: 2" Well Depth 77.32

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 2.28

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume .36 (.5)

77.32
- .456

80% DTW 75.496

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	DO ~~Totalizer Reading~~	Temperature (C°)	pH (SU)	mS/cm Cond (µmhos)	ORP ~~Turb~~ (NTU)	Remarks
10:45		75.04							Start Purge
10:48			0.5	3.11	17.51		.717		
12:01			1.0	2.90	16.46	7.18	.761	89.5	
12:07			1.5	3.66	16.53	7.32	.696	77.8	
12:14			2.0	3.51	16.35	7.35	.688	68.0	
12:18			2.5	3.40	16.59	7.33	.691	75.7	
12:22			3.0	3.08	16.39	7.29	.686	61.0	
12:25			3.5	3.06	16.54	7.33	.693	54.7	
12:28			~~3~~ 4.0	3.09	16.57	7.33	.693	55.5	
12:45	Sample				75.10	DTW			
				TRC					

Continue remarks on reverse, if needed.

WATER-QUALITY SAMPLING LOG

LFR LEVINE • FRICKE

Project No. 001-09567-07 Date 1/13/08 Page ___ of ___

Project Name Hanson Radum Sampling Location Hanson Radum

Sampler's Name Tom Collins Sample No. MW-6 ☐ FB

Sampling Plan By ? Dated ___ C.O.C. No. ___ ☒ DUP ___

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☒ Submersible Pump ☐ Teflon Bailer ☐ Other ___

Purge Water Storage Container Type Drum Storage Location On Site

Date Purge Water Disposed ___ Where Disposed ___

Analyses Requested	No. and Type of Bottles Used
TPH d, md, g, Btex	lead Scavengers
Fuel ox	5 VOC's

Lab Name ___

Delivery By ☐ Courier ___ ☒ Hand ___

Well No. MW-6 Depth of Water 49.70

Well Diameter: 2" Well Depth 57.97

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 8.27

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume 1.32 ~ (1.25) ORP ms/cm DO

49.70 + 1.654

80% DTW 51.354

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (C°)	pH (SU)	Cond (µmhos)	Turb (NTU)	Remarks
9:03		49.70	Start		Purge				
9:07			1.25	128.8	16.35	6.91	.875	2.29	
9:13			2.50	127.1	16.47	6.73	.857	3.07	
9:19			3.75	~~128.4~~ 128.0	16.27	6.73	.843	3.57	
9:27			5.00	127.5	16.76	6.69	.846	3.25	
9:30	50.19	PTW	Sample						
9:40		DUP							

TRC

Continue remarks on reverse, if needed.

LFR LEVINE • FRICKE

WATER-QUALITY SAMPLING LOG

Project No. 001 09567 07 Date 1/13/09 Page ___ of ___

Project Name Hanson Radum Sampling Location HR

Sampler's Name Tom Collins Sample No. mw-7 ☐ FB

Sampling Plan By ___ Dated 1/13/08 C.O.C. No. ___ ☐ DUP

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☐ Teflon Bailer ☐ Other ___

Purge Water Storage Container Type Drum Storage Location on Site

Date Purge Water Disposed ___ Where Disposed ___

Analyses Requested	No. and Type of Bottles Used

Lab Name Test America

Delivery By ☐ Courier ___ ☒ Hand ___

Well No. mw-7 Depth of Water 58.20

Well Diameter: 2" Well Depth 67.01

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height ~~7.81~~ 8.81

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume 1.409 ~ 1.5

~~1.762~~
1.762 + 58.20

80% DTW 59.96

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	ORP Totalizer Reading	Temperature (C°)	pH (SU)	ms/cm Cond (µmhos)	DO Turb (NTU)	Remarks
1021			1.5	144.2	17.37	6.51	991	2.37	well casing is loose
1025			3	138.3	17.71	6.41	975	2.66	
1034			4.5	122.9	17.68	6.31	975	3.07	
1039			6	121.6	17.64	6.35	973	3.61	
1044			7.5	123.3	17.66	6.35	972	3.73	
1050		59.88	sample						
				TRC					

Continue remarks on reverse, if needed.

LFR LEVINE • FRICKE

WATER-QUALITY SAMPLING LOG

Project No. 001-09567 Date 1/12/09 Page ___ of ___

Project Name Hanson Radum Sampling Location Hanson R

Sampler's Name Tom Collins Sample No. MW-8 ☐ FB

Sampling Plan By ___ Dated ___ C.O.C. No. ___ ☐ DUP ___

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☒ Teflon Bailer ☐ Other ___

Purge Water Storage Container Type Drum Storage Location on site

Date Purge Water Disposed ___ Where Disposed ___

Analyses Requested	No. and Type of Bottles Used

Lab Name ___

Delivery By ☐ Courier ___ ☒ Hand ___

Well No. MW-8 Depth of Water 56.25

Well Diameter: ___ Well Depth 64.42

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 8.17

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume 1.30 ~(1.25)

64.42 - 56.25

80% DTW 57.88

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	Totalizer Reading	Temperature (C°)	pH (SU)	Cond (µmhos)	Turb (NTU)	Remarks
				ORP			mS/cm	DO	
14:35		56.25	Start		Purge				
14:40			1.25	-35.2	19.18	6.77	.945	2.56	
14:50			2.50	-4.1	18.62	6.76	.925	1.14	
1503			3.75	~~-86.5~~	18.53	6.35	.926	1.04	
1506			~~5.00~~	-.9	18.52	6.77	.925	1.1	
15:11			6.25	15.0	18.49	6.78	.924	1.55	
15:17			7.5	11.2	18.40	6.80	.921	1.24	
1525			8.75	12.8	18.47	6.81	.923	1.31	
1550			10.00	17.0	18.39	6.81	.922	1.48	
16:00	Sample								56.34

112 C

Continue remarks on reverse, if needed.

WATER-QUALITY SAMPLING LOG

LFR LEVINE-FRICKE

Project No. 001-09567-07 Date 1/9/09 Page ___ of ___

Project Name Hanson Radum Sampling Location Hanson Radum

Sampler's Name Tom Collins Sample No. MW-9 ☐ FB

Sampling Plan By ___ Dated ___ C.O.C. No. ___ ☐ DUP ___

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☐ Teflon Bailer ☐ Other ___

Purge Water Storage Container Type ___ Storage Location ___

Date Purge Water Disposed ___ Where Disposed ___

Analyses Requested	No. and Type of Bottles Used

Lab Name Test american

Delivery By ☐ Courier ___ ☒ Hand ___

Well No. MW-9 Depth of Water 51.88

Well Diameter: 2" Well Depth 55.13

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 3.25

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume .52 ~ (.5)

3.25 (.2)
.65 + 51.88

80% DTW 52.53

DO mS/cm ORP

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	~~Totalizer~~ Reading	Temperature (C°)	pH (SU)	Cond (µmhos)	Turb (NTU)	Remarks
14:00		Start	Purge						
14:06			.5	2.66	18.26	7.00	.965	216.0	
14:09			1.0	3.21	17.97	6.84	.953	212.8	
14:11			1.5	2.13	17.69	6.73	.950	212.0	
14:13			2.0	2.99	17.88	6.72	.949	209.4	
14:15			2.5	2.53	17.92	6.69	.949	212.6	
14:17			3.0	2.62	18.01	6.66	.947	215.6	
14:23			3.5	1.88	~~17.90~~ 17.79	6.62	.948	214.9	
14:25			4.0	2.33	17.97	6.65	.944	216.8	
14:28			4.5	2.36	17.83	6.68	.940	213.2	
14:30			5.0	2.33	17.92	6.69	.943	211.3	
14:35		Sample		51.90 - DTW					

TRC

Continue remarks on reverse, if needed.

LFR LEVINE • FRICKE

WATER-QUALITY SAMPLING LOG

Project No. 001-09567-07 Date 1/13/09 Page ___ of ___

Project Name Hanson Radum Sampling Location Hanson Radum

Sampler's Name Tom Collins Sample No. MW-10 ~~FB~~ DUP

Sampling Plan By ___ Dated ___ C.O.C. No. ___ ☐ DUP ___

Purge Method: ☐ Centrifugal Pump ☒ Disposable Bailer ☒ Hand Bail ☐ Submersible Pump ☐ Teflon Bailer ☐ Other ___

Purge Water Storage Container Type Drum Storage Location on S. site

Date Purge Water Disposed — Where Disposed ___

Analyses Requested	No. and Type of Bottles Used
	FB @ 13:30

Lab Name ___

Delivery By ☐ Courier ___ ☒ Hand ___

Well No. MW-10 Depth of Water 51.72

Well Diameter: 2" Well Depth 57.03

☒ 2" (0.16 gal/feet) ☐ 5" (1.02 gal/feet) Water Column Height 5.31

☐ 4" (0.65 gal/feet) ☐ 6" (1.47 gal/feet) Well Volume .85 ~~1.00~~

1.06 + 51.72

52.78

80% DTW 52.78

Time	Inlet Depth	Depth to Water	Volume Purged (gal)	~~Totalizer~~ Reading (ORP)	Temperature (C°)	pH (SU)	Cond (µmhos) (ms/cm)	~~Turb~~ (NTU) (DO)	Remarks
13:50		51.72	Start						
13:55			1.0	103.1	19.49	6.93	1.333	1.74	
13:57			2.0	59.0	18.62	6.~~81~~	1.297	1.56	
14:01			3.0	66.8	18.45	6.73	1.283	1.77	
14:09			4.0	74.6	18.41	6.73	1.279	1.90	
14:15		~~Start~~	5.0	79.8	18.40	6.77	1.281		
14:15		51.78	Sample						
				TRC					

Continue remarks on reverse, if needed.

APPENDIX B

Laboratory Certified Analytical Reports

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-17589-1

Job Description: Hanson Radum

For:
LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for release.
Melissa Brewer
Project Manager I
1/16/2009 4:03 PM

Melissa Brewer
Project Manager I
melissa.brewer@testamericainc.com
01/16/2009

TestAmerica Laboratories, Inc.
TestAmerica San Francisco 1220 Quarry Lane, Pleasanton, CA 94566
Tel (925) 484-1919 Fax (925) 600-3002 www.testamericainc.com

Job Narrative
720-J17589-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method 8270C: The %RPD of the laboratory control standard (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 45689 exceeded control limits for the following analyte : Hexachlorocyclopentadiene.

Method 8270C: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for three (03) analytes to recover outside criteria for this method when a full list spike is utilized. The LCS/LCSD associated with batch 45689 had one (01) analytes outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc. Job Number: 720-17589-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: LFR, Inc. Job Number: 720-17589-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SF	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C SGC

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

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

SAMPLE SUMMARY

Client: LFR, Inc. Job Number: 720-17589-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-17589-1	MW-2	Water	01/09/2009 1555	01/09/2009 1645
720-17589-2	MW-5	Water	01/09/2009 1245	01/09/2009 1645
720-17589-3	MW-9	Water	01/09/2009 1435	01/09/2009 1645

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-2

Lab Sample ID: 720-17589-1
Client Matrix: Water

Date Sampled: 01/09/2009 1555
Date Received: 01/09/2009 1645

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/13/2009 1645
Date Prepared: 01/13/2009 1645

Analysis Batch: 720-45777

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\sa-wa-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	78 - 112
1,2-Dichloroethane-d4 (Surr)	94	67 - 126

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-5

Lab Sample ID: 720-17589-2 Date Sampled: 01/09/2009 1245
Client Matrix: Water Date Received: 01/09/2009 1645

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-45777 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: e:\data\2009\011309\sa-wa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/13/2009 1708 Final Weight/Volume: 10 mL
Date Prepared: 01/13/2009 1708

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	102	78 - 112
1,2-Dichloroethane-d4 (Surr)	70	67 - 126

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-9

Lab Sample ID: 720-17589-3 Date Sampled: 01/09/2009 1435
Client Matrix: Water Date Received: 01/09/2009 1645

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-45777 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: e:\data\2009\011309\sa-wa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/13/2009 1731 Final Weight/Volume: 10 mL
Date Prepared: 01/13/2009 1731

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	78 - 112
1,2-Dichloroethane-d4 (Surr)	88	67 - 126

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-2

Lab Sample ID: 720-17589-1 Date Sampled: 01/09/2009 1555
Client Matrix: Water Date Received: 01/09/2009 1645

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45751 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45689 Lab File ID: d:\data\200901\011309\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/13/2009 1514 Final Weight/Volume: 1 mL
Date Prepared: 01/12/2009 1233 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.1
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.1
2,4-Dichlorophenol	ND		5.1
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.1
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND	*	5.1
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.1
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.1
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.1
Diethyl phthalate	ND		5.1
4-Chlorophenyl phenyl ether	ND		5.1
Fluorene	ND		2.0
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.1

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-2

Lab Sample ID: 720-17589-1 Date Sampled: 01/09/2009 1555
Client Matrix: Water Date Received: 01/09/2009 1645

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45751 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45689 Lab File ID: d:\data\200901\011309\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/13/2009 1514 Final Weight/Volume: 1 mL
Date Prepared: 01/12/2009 1233 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.1
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.1
3,3'-Dichlorobenzidine	ND		5.1
Benzo[a]anthracene	ND		5.1
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	42	6 - 98
2-Fluorobiphenyl	48	6 - 103
Terphenyl-d14	83	36 - 106
2-Fluorophenol	20	1 - 66
Phenol-d5	11	1 - 47
2,4,6-Tribromophenol	56	22 - 124

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-5

Lab Sample ID: 720-17589-2 Date Sampled: 01/09/2009 1245
Client Matrix: Water Date Received: 01/09/2009 1645

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45751 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45689 Lab File ID: d:\data\200901\011309\720-
Dilution: 1.0 Initial Weight/Volume: 940 mL
Date Analyzed: 01/13/2009 1547 Final Weight/Volume: 1 mL
Date Prepared: 01/12/2009 1233 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.1
Bis(2-chloroethyl)ether	ND		2.1
2-Chlorophenol	ND		2.1
1,3-Dichlorobenzene	ND		2.1
1,4-Dichlorobenzene	ND		2.1
Benzyl alcohol	ND		5.3
1,2-Dichlorobenzene	ND		2.1
2-Methylphenol	ND		2.1
4-Methylphenol	ND		2.1
N-Nitrosodi-n-propylamine	ND		2.1
Hexachloroethane	ND		2.1
Nitrobenzene	ND		2.1
Isophorone	ND		2.1
2-Nitrophenol	ND		2.1
2,4-Dimethylphenol	ND		2.1
Bis(2-chloroethoxy)methane	ND		5.3
2,4-Dichlorophenol	ND		5.3
1,2,4-Trichlorobenzene	ND		2.1
Naphthalene	ND		2.1
4-Chloroaniline	ND		2.1
Hexachlorobutadiene	ND		2.1
4-Chloro-3-methylphenol	ND		5.3
2-Methylnaphthalene	ND		2.1
Hexachlorocyclopentadiene	ND	*	5.3
2,4,6-Trichlorophenol	ND		2.1
2,4,5-Trichlorophenol	ND		2.1
2-Chloronaphthalene	ND		2.1
2-Nitroaniline	ND		11
Dimethyl phthalate	ND		5.3
Acenaphthylene	ND		2.1
3-Nitroaniline	ND		5.3
Acenaphthene	ND		2.1
2,4-Dinitrophenol	ND		11
4-Nitrophenol	ND		11
Dibenzofuran	ND		2.1
2,4-Dinitrotoluene	ND		2.1
2,6-Dinitrotoluene	ND		5.3
Diethyl phthalate	ND		5.3
4-Chlorophenyl phenyl ether	ND		5.3
Fluorene	ND		2.1
4-Nitroaniline	ND		11
2-Methyl-4,6-dinitrophenol	ND		11
N-Nitrosodiphenylamine	ND		2.1
4-Bromophenyl phenyl ether	ND		5.3

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-5

Lab Sample ID: 720-17589-2 Date Sampled: 01/09/2009 1245
Client Matrix: Water Date Received: 01/09/2009 1645

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45751 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45689 Lab File ID: d:\data\200901\011309\720-
Dilution: 1.0 Initial Weight/Volume: 940 mL
Date Analyzed: 01/13/2009 1547 Final Weight/Volume: 1 mL
Date Prepared: 01/12/2009 1233 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.1
Pentachlorophenol	ND		11
Phenanthrene	ND		2.1
Anthracene	ND		2.1
Di-n-butyl phthalate	ND		5.3
Fluoranthene	ND		2.1
Pyrene	ND		2.1
Butyl benzyl phthalate	ND		5.3
3,3'-Dichlorobenzidine	ND		5.3
Benzo[a]anthracene	ND		5.3
Bis(2-ethylhexyl) phthalate	ND		11
Chrysene	ND		2.1
Di-n-octyl phthalate	ND		21
Benzo[b]fluoranthene	ND		2.1
Benzo[a]pyrene	ND		2.1
Benzo[k]fluoranthene	ND		2.1
Indeno[1,2,3-cd]pyrene	ND		2.1
Benzo[g,h,i]perylene	ND		2.1
Benzoic acid	ND		11
Azobenzene	ND		2.1
Dibenz(a,h)anthracene	ND		2.1

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	49	6 - 98
2-Fluorobiphenyl	58	6 - 103
Terphenyl-d14	67	36 - 106
2-Fluorophenol	30	1 - 66
Phenol-d5	16	1 - 47
2,4,6-Tribromophenol	64	22 - 124

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-9

Lab Sample ID: 720-17589-3 Date Sampled: 01/09/2009 1435
Client Matrix: Water Date Received: 01/09/2009 1645

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45751 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45689 Lab File ID: d:\data\200901\011309\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/13/2009 1654 Final Weight/Volume: 1 mL
Date Prepared: 01/12/2009 1233 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.1
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.1
2,4-Dichlorophenol	ND		5.1
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.1
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND	*	5.1
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.1
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.1
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.1
Diethyl phthalate	ND		5.1
4-Chlorophenyl phenyl ether	ND		5.1
Fluorene	ND		2.0
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.1

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-9

Lab Sample ID: 720-17589-3 Date Sampled: 01/09/2009 1435
Client Matrix: Water Date Received: 01/09/2009 1645

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45751 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45689 Lab File ID: d:\data\200901\011309\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/13/2009 1654 Final Weight/Volume: 1 mL
Date Prepared: 01/12/2009 1233 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.1
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.1
3,3'-Dichlorobenzidine	ND		5.1
Benzo[a]anthracene	ND		5.1
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	43	6 - 98
2-Fluorobiphenyl	46	6 - 103
Terphenyl-d14	68	36 - 106
2-Fluorophenol	22	1 - 66
Phenol-d5	14	1 - 47
2,4,6-Tribromophenol	55	22 - 124

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-2

Lab Sample ID: 720-17589-1
Client Matrix: Water

Date Sampled: 01/09/2009 1555
Date Received: 01/09/2009 1645

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/13/2009 1305
Date Prepared: 01/12/2009 1232

Analysis Batch: 720-45767
Prep Batch: 720-45684

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	87	46 - 114

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-5

Lab Sample ID: 720-17589-2
Client Matrix: Water

Date Sampled: 01/09/2009 1245
Date Received: 01/09/2009 1645

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/13/2009 1332
Date Prepared: 01/12/2009 1232

Analysis Batch: 720-45767
Prep Batch: 720-45684

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	90	46 - 114

Client: LFR, Inc. Job Number: 720-17589-1

Client Sample ID: MW-9

Lab Sample ID: 720-17589-3
Client Matrix: Water

Date Sampled: 01/09/2009 1435
Date Received: 01/09/2009 1645

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/13/2009 1521
Date Prepared: 01/12/2009 1232

Analysis Batch: 720-45767
Prep Batch: 720-45684

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	87	46 - 114

DATA REPORTING QUALIFIERS

Client: LFR, Inc. Job Number: 720-17589-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	*	RPD of the LCS and LCSD exceeds the control limits

Client: LFR, Inc. Job Number: 720-17589-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-45777					
LCS 720-45777/13	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-45777/12	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-45777/3	Method Blank	T	Water	8260B/CA_LUFT	
720-17589-1	MW-2	T	Water	8260B/CA_LUFT	
720-17589-2	MW-5	T	Water	8260B/CA_LUFT	
720-17589-3	MW-9	T	Water	8260B/CA_LUFT	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 720-45689					
LCS 720-45689/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-45689/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-45689/1-A	Method Blank	T	Water	3510C	
720-17589-1	MW-2	T	Water	3510C	
720-17589-2	MW-5	T	Water	3510C	
720-17589-3	MW-9	T	Water	3510C	
Analysis Batch:720-45751					
LCS 720-45689/2-A	Lab Control Spike	T	Water	8270C	720-45689
LCSD 720-45689/3-A	Lab Control Spike Duplicate	T	Water	8270C	720-45689
MB 720-45689/1-A	Method Blank	T	Water	8270C	720-45689
720-17589-1	MW-2	T	Water	8270C	720-45689
720-17589-2	MW-5	T	Water	8270C	720-45689
720-17589-3	MW-9	T	Water	8270C	720-45689

Report Basis
T = Total

Client: LFR, Inc. Job Number: 720-17589-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-45684					
LCS 720-45684/2-A	Lab Control Spike	A	Water	3510C SGC	
LCSD 720-45684/3-A	Lab Control Spike Duplicate	A	Water	3510C SGC	
MB 720-45684/1-A	Method Blank	A	Water	3510C SGC	
720-17589-1	MW-2	A	Water	3510C SGC	
720-17589-2	MW-5	A	Water	3510C SGC	
720-17589-3	MW-9	A	Water	3510C SGC	
Analysis Batch:720-45767					
LCS 720-45684/2-A	Lab Control Spike	A	Water	8015B	720-45684
LCSD 720-45684/3-A	Lab Control Spike Duplicate	A	Water	8015B	720-45684
MB 720-45684/1-A	Method Blank	A	Water	8015B	720-45684
720-17589-1	MW-2	A	Water	8015B	720-45684
720-17589-2	MW-5	A	Water	8015B	720-45684
720-17589-3	MW-9	A	Water	8015B	720-45684

Report Basis
A = Silica Gel Cleanup

Client: LFR, Inc.

Job Number: 720-17589-1

Method Blank - Batch: 720-45777

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-45777/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 0935
Date Prepared: 01/13/2009 0935

Analysis Batch: 720-45777
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\mb-w
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	103	78 - 112
1,2-Dichloroethane-d4 (Surr)	94	67 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17589-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45777

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-45777/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1258
Date Prepared: 01/13/2009 1258

Analysis Batch: 720-45777
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\ls-wa
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-45777/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1321
Date Prepared: 01/13/2009 1321

Analysis Batch: 720-45777
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\ld-wa-9
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	59	59	43 - 95	0	20		
Benzene	103	96	67 - 120	7	20		
Toluene	89	74	73 - 122	19	20		
MTBE	94	96	61 - 134	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	111	93	78 - 112
1,2-Dichloroethane-d4 (Surr)	68	97	67 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17589-1

Method Blank - Batch: 720-45689

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 720-45689/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1440
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\mb
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.0
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.0
2,4-Dichlorophenol	ND		5.0
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.0
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.0
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.0
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.0
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.0
Diethyl phthalate	ND		5.0
4-Chlorophenyl phenyl ether	ND		5.0
Fluorene	ND		2.0
4-Nitroaniline	ND		10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-17589-1

Method Blank - Batch: 720-45689

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 720-45689/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1440
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\mb
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.0
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.0
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.0
3,3'-Dichlorobenzidine	ND		5.0
Benzo[a]anthracene	ND		5.0
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	50	6 - 98
2-Fluorobiphenyl	57	6 - 103
Terphenyl-d14	76	36 - 106
2-Fluorophenol	31	1 - 66
Phenol-d5	17	1 - 47
2,4,6-Tribromophenol	61	22 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17589-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45689

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45689/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1621
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\LC
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45689/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1406
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	23	28	12 - 89	21	35		
Bis(2-chloroethyl)ether	56	69	43 - 126	20	35		
2-Chlorophenol	50	62	23 - 134	21	25		
1,3-Dichlorobenzene	44	47	17 - 153	8	35		
1,4-Dichlorobenzene	41	48	36 - 97	16	30		
Benzyl alcohol	48	60	10 - 130	22	35		
1,2-Dichlorobenzene	44	54	37 - 92	21	35		
2-Methylphenol	52	67	10 - 130	25	35		
4-Methylphenol	43	55	10 - 130	25	35		
N-Nitrosodi-n-propylamine	61	79	10 - 130	26	34		
Hexachloroethane	41	48	30 - 103	17	35		
Nitrobenzene	63	75	48 - 106	18	35		
Isophorone	71	87	47 - 180	20	35		
2-Nitrophenol	57	73	45 - 166	24	35		
2,4-Dimethylphenol	66	85	42 - 109	26	35		
Bis(2-chloroethoxy)methane	62	76	43 - 164	20	35		
2,4-Dichlorophenol	66	77	53 - 121	16	35		
1,2,4-Trichlorobenzene	50	58	44 - 142	15	35		
Naphthalene	58	70	36 - 119	19	35		
4-Chloroaniline	38	45	10 - 130	17	35		
Hexachlorobutadiene	50	59	38 - 102	16	35		
4-Chloro-3-methylphenol	69	81	22 - 147	17	31		
2-Methylnaphthalene	60	69	10 - 130	14	35		
Hexachlorocyclopentadiene	53	88	10 - 130	49	35		*
2,4,6-Trichlorophenol	61	73	47 - 108	18	35		
2,4,5-Trichlorophenol	72	85	20 - 120	16	35		
2-Chloronaphthalene	63	75	10 - 130	17	35		
2-Nitroaniline	66	79	10 - 130	18	35		
Dimethyl phthalate	83	92	10 - 130	10	35		
Acenaphthylene	78	95	54 - 126	20	35		
3-Nitroaniline	65	82	10 - 130	24	35		
Acenaphthene	72	81	48 - 104	13	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17589-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45689

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45689/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1621
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\LC
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45689/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1406
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,4-Dinitrophenol	75	84	10 - 130	11	35		
4-Nitrophenol	38	46	1 - 132	19	35		
Dibenzofuran	66	77	10 - 130	15	35		
2,4-Dinitrotoluene	81	90	39 - 139	10	35		
2,6-Dinitrotoluene	82	90	10 - 130	9	35		
Diethyl phthalate	77	85	10 - 130	9	35		
4-Chlorophenyl phenyl ether	65	77	39 - 144	16	35		
Fluorene	74	77	55 - 111	5	35		
4-Nitroaniline	82	98	10 - 130	17	35		
2-Methyl-4,6-dinitrophenol	94	102	53 - 110	8	35		
N-Nitrosodiphenylamine	91	96	14 - 170	5	35		
4-Bromophenyl phenyl ether	92	100	10 - 130	8	35		
Hexachlorobenzene	101	95	8 - 140	6	35		
Pentachlorophenol	76	85	45 - 125	12	35		
Phenanthrene	90	90	44 - 125	1	35		
Anthracene	88	93	44 - 118	6	35		
Di-n-butyl phthalate	84	92	9 - 111	9	35		
Fluoranthene	92	96	43 - 121	4	35		
Pyrene	86	90	52 - 115	4	35		
Butyl benzyl phthalate	77	90	10 - 139	16	35		
3,3'-Dichlorobenzidine	83	90	9 - 212	9	35		
Benzo[a]anthracene	77	83	42 - 133	8	35		
Bis(2-ethylhexyl) phthalate	74	87	29 - 136	16	35		
Chrysene	76	81	42 - 139	6	35		
Di-n-octyl phthalate	83	82	10 - 130	1	35		
Benzo[b]fluoranthene	80	92	42 - 140	13	35		
Benzo[a]pyrene	68	80	32 - 148	17	35		
Benzo[k]fluoranthene	70	77	26 - 145	9	35		
Indeno[1,2,3-cd]pyrene	80	93	10 - 150	15	35		
Benzo[g,h,i]perylene	90	92	10 - 140	3	35		
Benzoic acid	23	30	10 - 130	30	35		
Azobenzene	72	77	12 - 89	8	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17589-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45689

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45689/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1621
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\LC
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45689/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1406
Date Prepared: 01/12/2009 1233

Analysis Batch: 720-45751
Prep Batch: 720-45689
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011309\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenz(a,h)anthracene	88	88	10 - 130	1	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	63	73	6 - 98
2-Fluorobiphenyl	64	83	6 - 103
Terphenyl-d14	80	88	36 - 106
2-Fluorophenol	32	38	1 - 66
Phenol-d5	23	28	1 - 47
2,4,6-Tribromophenol	71	87	22 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17589-1

Method Blank - Batch: 720-45684

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

Lab Sample ID: MB 720-45684/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1022
Date Prepared: 01/12/2009 1151

Analysis Batch: 720-45767
Prep Batch: 720-45684
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	87	46 - 114

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45684

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-45684/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 0927
Date Prepared: 01/12/2009 1151

Analysis Batch: 720-45767
Prep Batch: 720-45684
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-45684/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 0954
Date Prepared: 01/12/2009 1151

Analysis Batch: 720-45767
Prep Batch: 720-45684
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	70	62	41 - 103	12	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	88	91	46 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

720-17589

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

114076

SAMPLE COLLECTOR	PROJECT NO	SECTION NO	DATE	SAMPLER'S INITIALS	SERIAL NO
LFR LEVINE•FRICKE 1900 Powell Street, 12th Floor Emeryville, California 94608-1827 (510) 652-4500 Fax: (510) 652-2246	001-09567-07		1/9/09	TRC	№ 200458
	PROJECT NAME: Hanson Radium		SAMPLER (Signature):		

01/16/2009

SAMPLE							ANALYSES												REMARKS
Sample ID.	Date	Time	Lab Sample No.	No. of Containers	Soil	Water	TPHd (EPA 8015M) & MO	TPHg (EPA 8015M)	BTEX (EPA 8021/602)	VOCs (EPA 8021/602)	Metals (EPA 8260/6241)*	SVOC's 8270	Lead scavengers	Fuel Oxygenates	TAT Standard	TAT RUSH	TAT HOLD		* VOCs ** Metals ☐ 8260 List ☐ CAM17 ☐ 8240 List ☐ RCRA ☐ 8010 List ☐ LUFT ☐ 624 List
MW-2	1/9	15:55				X	X	X	X			X	X	X	X				* Preform Silica
MW-5	1/9	12:45				X	X	X	X			X	X	X	X				Gel cleanup
MW-9	1/9	14:35				X	X	X	X			X	X	X	X				For TPHd + MO

SAMPLE RECEIPT		METHOD OF SHIPMENT	RELINQUISHED BY: 1	RELINQUISHED BY: 2	RELINQUISHED BY: 3
Cooler Temp.		Hand	Tom	(SIGNATURE) (DATE)	(SIGNATURE) (DATE)
☒ Intact ☒ Cold	Cooler No:	LAB REPORT NO	(SIGNATURE) 1/9/09 (DATE)		
☒ On Ice ☐ Ambient			Tom Collins 16:45		
Preservative Correct?		FAX COC CONFIRMATION TO:	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
☐ Yes ☐ No ☐ N/A			LFR		
			(COMPANY)	(COMPANY)	(COMPANY)
ANALYTICAL LABORATORY:		FAX RESULTS TO:	RECEIVED BY: 1	RECEIVED BY: 2	RECEIVED BY (LABORATORY): 3
		SEND HARDCOPY TO:	(SIGNATURE) (DATE)	(SIGNATURE) (DATE)	(SIGNATURE) (DATE)
		SEND EDD TO: EMV.LABEDDS.COM	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)	(PRINTED NAME) (TIME)
			(COMPANY)	(COMPANY)	(LABORATORY)

Lab/Shipping Copy (White) File Copy (Yellow) Field Copy (Pink) FORM NO 2001/COC/SXS

Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-17589-1

Login Number: 17589
List Source: TestAmerica San Francisco
Creator: Mullen, Joan
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is 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	
There are no discrepancies between the sample IDs on the containers 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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-17613-1

Job Description: Hanson Radum

For:
LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for release.
Melissa Brewer
Project Manager I
1/19/2009 5:07 PM

Melissa Brewer
Project Manager I
melissa.brewer@testamericainc.com
01/19/2009

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc. Job Number: 720-17613-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: LFR, Inc. Job Number: 720-17613-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SF	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C SGC

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

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

SAMPLE SUMMARY

Client: LFR, Inc. Job Number: 720-17613-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-17613-1	MW-8	Water	01/12/2009 1600	01/12/2009 1634

Client: LFR, Inc. Job Number: 720-17613-1

Client Sample ID: MW-8

Lab Sample ID: 720-17613-1
Client Matrix: Water

Date Sampled: 01/12/2009 1600
Date Received: 01/12/2009 1634

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/13/2009 1947
Date Prepared: 01/13/2009 1947

Analysis Batch: 720-45777

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\sa-wa-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	78 - 112
1,2-Dichloroethane-d4 (Surr)	102	67 - 126

Client: LFR, Inc. Job Number: 720-17613-1

Client Sample ID: MW-8

Lab Sample ID: 720-17613-1 Date Sampled: 01/12/2009 1600
Client Matrix: Water Date Received: 01/12/2009 1634

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 1818 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.1
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.1
2,4-Dichlorophenol	ND		5.1
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.1
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.1
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.1
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.1
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.1
Diethyl phthalate	ND		5.1
4-Chlorophenyl phenyl ether	ND		5.1
Fluorene	ND		2.0
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.1

Client: LFR, Inc. Job Number: 720-17613-1

Client Sample ID: MW-8

Lab Sample ID: 720-17613-1 Date Sampled: 01/12/2009 1600
Client Matrix: Water Date Received: 01/12/2009 1634

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 1818 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.1
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.1
3,3'-Dichlorobenzidine	ND		5.1
Benzo[a]anthracene	ND		5.1
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	67	6 - 98
2-Fluorobiphenyl	69	6 - 103
Terphenyl-d14	74	36 - 106
2-Fluorophenol	34	1 - 66
Phenol-d5	20	1 - 47
2,4,6-Tribromophenol	66	22 - 124

Client: LFR, Inc. Job Number: 720-17613-1

Client Sample ID: MW-8

Lab Sample ID: 720-17613-1
Client Matrix: Water

Date Sampled: 01/12/2009 1600
Date Received: 01/12/2009 1634

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/15/2009 1957
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	86	46 - 114

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: LFR, Inc. Job Number: 720-17613-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-45777					
LCS 720-45777/13	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-45777/12	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-45777/3	Method Blank	T	Water	8260B/CA_LUFT	
720-17613-1	MW-8	T	Water	8260B/CA_LUFT	
GC/MS Semi VOA					
Prep Batch: 720-45740					
LCS 720-45740/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-45740/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-45740/1-A	Method Blank	T	Water	3510C	
720-17613-1	MW-8	T	Water	3510C	
Analysis Batch:720-45867					
LCS 720-45740/2-A	Lab Control Spike	T	Water	8270C	720-45740
LCSD 720-45740/3-A	Lab Control Spike Duplicate	T	Water	8270C	720-45740
MB 720-45740/1-A	Method Blank	T	Water	8270C	720-45740
720-17613-1	MW-8	T	Water	8270C	720-45740
GC Semi VOA					
Prep Batch: 720-45780					
LCS 720-45780/2-A	Lab Control Spike	A	Water	3510C SGC	
LCSD 720-45780/3-A	Lab Control Spike Duplicate	A	Water	3510C SGC	
MB 720-45780/1-A	Method Blank	A	Water	3510C SGC	
720-17613-1	MW-8	A	Water	3510C SGC	
Analysis Batch:720-45940					
LCS 720-45780/2-A	Lab Control Spike	A	Water	8015B	720-45780
LCSD 720-45780/3-A	Lab Control Spike Duplicate	A	Water	8015B	720-45780
MB 720-45780/1-A	Method Blank	A	Water	8015B	720-45780
720-17613-1	MW-8	A	Water	8015B	720-45780

Report Basis
T = Total

Report Basis
T = Total

Report Basis
A = Silica Gel Cleanup

Client: LFR, Inc.

Job Number: 720-17613-1

Method Blank - Batch: 720-45777

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-45777/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 0935
Date Prepared: 01/13/2009 0935

Analysis Batch: 720-45777
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\mb-w
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	103	78 - 112
1,2-Dichloroethane-d4 (Surr)	94	67 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17613-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45777

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-45777/13
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1258
Date Prepared: 01/13/2009 1258

Analysis Batch: 720-45777
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\ls-wa·
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-45777/12
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/13/2009 1321
Date Prepared: 01/13/2009 1321

Analysis Batch: 720-45777
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011309\ld-wa-9
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	59	59	43 - 95	0	20		
Benzene	103	96	67 - 120	7	20		
Toluene	89	74	73 - 122	19	20		
MTBE	94	96	61 - 134	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	111	93	78 - 112
1,2-Dichloroethane-d4 (Surr)	68	97	67 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17613-1

Method Blank - Batch: 720-45740

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 720-45740/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1349
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\MB
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.0
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.0
2,4-Dichlorophenol	ND		5.0
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.0
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.0
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.0
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.0
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.0
Diethyl phthalate	ND		5.0
4-Chlorophenyl phenyl ether	ND		5.0
Fluorene	ND		2.0
4-Nitroaniline	ND		10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17613-1

Method Blank - Batch: 720-45740

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 720-45740/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1349
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\MB
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.0
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.0
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.0
3,3'-Dichlorobenzidine	ND		5.0
Benzo[a]anthracene	ND		5.0
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	64	6 - 98
2-Fluorobiphenyl	69	6 - 103
Terphenyl-d14	81	36 - 106
2-Fluorophenol	38	1 - 66
Phenol-d5	24	1 - 47
2,4,6-Tribromophenol	71	22 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17613-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45740

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45740/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1242
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\lcs
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45740/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1316
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	26	29	12 - 89	12	35		
Bis(2-chloroethyl)ether	72	81	43 - 126	12	35		
2-Chlorophenol	62	69	23 - 134	9	25		
1,3-Dichlorobenzene	50	54	17 - 153	8	35		
1,4-Dichlorobenzene	48	51	36 - 97	6	30		
Benzyl alcohol	57	59	10 - 130	5	35		
1,2-Dichlorobenzene	55	58	37 - 92	5	35		
2-Methylphenol	59	65	10 - 130	10	35		
4-Methylphenol	51	53	10 - 130	4	35		
N-Nitrosodi-n-propylamine	71	73	10 - 130	3	34		
Hexachloroethane	48	54	30 - 103	11	35		
Nitrobenzene	86	77	48 - 106	11	35		
Isophorone	88	82	47 - 180	7	35		
2-Nitrophenol	79	83	45 - 166	4	35		
2,4-Dimethylphenol	85	81	42 - 109	5	35		
Bis(2-chloroethoxy)methane	79	76	43 - 164	4	35		
2,4-Dichlorophenol	80	78	53 - 121	1	35		
1,2,4-Trichlorobenzene	61	59	44 - 142	2	35		
Naphthalene	68	71	36 - 119	4	35		
4-Chloroaniline	47	43	10 - 130	9	35		
Hexachlorobutadiene	65	55	38 - 102	16	35		
4-Chloro-3-methylphenol	72	73	22 - 147	1	31		
2-Methylnaphthalene	69	69	10 - 130	1	35		
Hexachlorocyclopentadiene	79	89	10 - 130	11	35		
2,4,6-Trichlorophenol	78	78	47 - 108	1	35		
2,4,5-Trichlorophenol	76	85	20 - 120	11	35		
2-Chloronaphthalene	81	81	10 - 130	0	35		
2-Nitroaniline	78	82	10 - 130	5	35		
Dimethyl phthalate	92	96	10 - 130	4	35		
Acenaphthylene	96	98	54 - 126	2	35		
3-Nitroaniline	79	81	10 - 130	2	35		
Acenaphthene	86	80	48 - 104	7	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17613-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45740

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45740/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1242
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\lcs
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45740/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1316
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,4-Dinitrophenol	93	93	10 - 130	0	35		
4-Nitrophenol	45	46	1 - 132	3	35		
Dibenzofuran	82	74	10 - 130	9	35		
2,4-Dinitrotoluene	91	87	39 - 139	5	35		
2,6-Dinitrotoluene	98	92	10 - 130	6	35		
Diethyl phthalate	93	89	10 - 130	4	35		
4-Chlorophenyl phenyl ether	85	85	39 - 144	0	35		
Fluorene	86	82	55 - 111	5	35		
4-Nitroaniline	94	91	10 - 130	3	35		
2-Methyl-4,6-dinitrophenol	99	101	53 - 110	2	35		
N-Nitrosodiphenylamine	96	102	14 - 170	6	35		
4-Bromophenyl phenyl ether	92	93	10 - 130	1	35		
Hexachlorobenzene	94	86	8 - 140	9	35		
Pentachlorophenol	83	83	45 - 125	0	35		
Phenanthrene	84	90	44 - 125	7	35		
Anthracene	96	94	44 - 118	3	35		
Di-n-butyl phthalate	87	96	9 - 111	10	35		
Fluoranthene	91	91	43 - 121	1	35		
Pyrene	85	92	52 - 115	7	35		
Butyl benzyl phthalate	87	92	10 - 139	5	35		
3,3'-Dichlorobenzidine	84	86	9 - 212	2	35		
Benzo[a]anthracene	79	87	42 - 133	10	35		
Bis(2-ethylhexyl) phthalate	82	85	29 - 136	3	35		
Chrysene	78	86	42 - 139	10	35		
Di-n-octyl phthalate	85	84	10 - 130	1	35		
Benzo[b]fluoranthene	93	82	42 - 140	13	35		
Benzo[a]pyrene	84	76	32 - 148	9	35		
Benzo[k]fluoranthene	77	90	26 - 145	16	35		
Indeno[1,2,3-cd]pyrene	88	91	10 - 150	4	35		
Benzo[g,h,i]perylene	94	91	10 - 140	3	35		
Benzoic acid	27	27	10 - 130	2	35		
Azobenzene	83	81	12 - 89	3	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17613-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45740

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45740/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1242
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\lcs
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45740/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1316
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenz(a,h)anthracene	89	95	10 - 130	7	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	82	78	6 - 98
2-Fluorobiphenyl	77	86	6 - 103
Terphenyl-d14	82	89	36 - 106
2-Fluorophenol	39	42	1 - 66
Phenol-d5	26	29	1 - 47
2,4,6-Tribromophenol	88	80	22 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17613-1

Method Blank - Batch: 720-45780

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

Lab Sample ID: MB 720-45780/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2009 1146
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Motor Oil Range Organics [C24-C36]	ND		500

Surrogate	% Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	88	46 - 114

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45780

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-45780/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2009 1213
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-45780/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2009 1240
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C10-C28]	97	98	41 - 103	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	111	114	46 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

Brewer, Melissa

From: Goloubow, Ron [Ron.Goloubow@lfr.com]
Sent: Tuesday, January 13, 2009 5:24 PM
To: Brewer, Melissa
Subject: RE: Sample Login Confirmation for 720-17613: Hanson Radum

Silica Gel is formally requested. Thanks

Ron Goloubow
LFR Inc.
510-596-9550 Direct Dial
510-501-1789 Cell
510-652-4906 Facsimile
ron.goloubow@lfr.com

From: Brewer, Melissa [mailto:melissa.brewer@testamericainc.com]
Sent: Tuesday, January 13, 2009 5:06 PM
To: Goloubow, Ron
Subject: Sample Login Confirmation for 720-17613: Hanson Radum

Again, Tom told Dimple on the phone today that he needs Silica Gel Cleanup on this sample. Could you please verify this?

Thanks.

MELISSA BREWER

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 925.484,1919
www.testamericainc.com

Reference: [036967]
Attachments: 3

720-17613

114096

CHAIN OF CUSTODY / ANALYSES REQUEST FORM

SAMPLE COLLECTOR:
LFR
1900 Powell Street, 12th Floor
Emeryville, California 94608
(510) 652-4500 Fax: (510) 652-2246

PROJECT NO.: 001-09567-07
SECTION NO.:
DATE: 1/12/09
SAMPLER'S INITIALS: TRC
PROJECT NAME: Hanson Radum
SAMPLER (Signature): [signature]
SERIAL NO.: № 203297

SAMPLE ID.	DATE	TIME	Lab Sample No.	No. of Containers	TYPE: Soil	TYPE: Water	TPHd (EPA 8015M) + MO	TPHmo (EPA 8015M)	TPHg (EPA 8015M)	BTEX (EPA 8021/602)	VOCs (EPA 8260/624)	Metals (EPA 6010/7000)	SVOC'S	lead Scavengers	Fuel Oxy's	TAT: Standard	TAT: RUSH	TAT: HOLD	REMARKS
MW-8	1/12	1600				X	X	X	X	X			X	X	X	X			

REMARKS:
*VOCs: ☐ 8260 List ☐ 8240 List ☐ 8010 List ☐ 624 List
**Metals: ☐ CAM17 ☐ RCRA ☐ LUFT

SAMPLE RECEIPT: ☒ Intact ☒ Cold ☒ On Ice ☐ Ambient
Cooler Temp: 5.3°C
Cooler No:
Preservative Correct? ☐ Yes ☐ No ☐ N/A

METHOD OF SHIPMENT: Hand
LAB REPORT NO.:
FAX COC CONFIRMATION TO: Ron Goloubow
FAX RESULTS TO: Ron Goloubow
SEND HARDCOPY TO: Ron G
SEND EDD TO: EMV.LABEDDS.COM

ANALYTICAL LABORATORY:

	1	2	3
RELINQUISHED BY: (SIGNATURE)	[signature]		
(DATE)	1/12/09		
(PRINTED NAME)	Tom Collins		
(TIME)	16:34		
(COMPANY)	LFR		
RECEIVED BY: (SIGNATURE)	[signature]		(LABORATORY)
(DATE)	1/12/09		
(PRINTED NAME)	T. Bullock		
(TIME)	16:34		
(COMPANY)	Test America		

Shipping Copy (White) File Copy (Yellow) Field Copy (Pink)

Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-17613-1

Login Number: 17613
List Source: TestAmerica San Francisco
Creator: Bullock, Tracy
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is 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	
There are no discrepancies between the sample IDs on the containers 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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 720-17626-1

Job Description: Hanson Radum

For:
LFR, Inc.
1900 Powell St 12th Floor
Emeryville, CA 94608-1827

Attention: Mr. Ron Goloubow

Approved for release.
Melissa Brewer
Project Manager I
1/29/2009 1:29 PM

Melissa Brewer
Project Manager I
melissa.brewer@testamericainc.com
01/29/2009
Revision: 1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: LFR, Inc. Job Number: 720-17626-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: LFR, Inc. Job Number: 720-17626-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SF	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL SF		SW846 3510C SGC

Lab References:

TAL SF = TestAmerica San Francisco

Method References:

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

SAMPLE SUMMARY

Client: LFR, Inc. Job Number: 720-17626-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
720-17626-1	MW-3	Water	01/13/2009 1225	01/13/2009 1505
720-17626-2	MW-6	Water	01/13/2009 0930	01/13/2009 1505
720-17626-3	MW-6-D	Water	01/13/2009 0940	01/13/2009 1505
720-17626-4	MW-1	Water	01/13/2009 1150	01/13/2009 1505
720-17626-5	MW-7	Water	01/13/2009 1050	01/13/2009 1505
720-17626-6	FB	Water	01/13/2009 1330	01/13/2009 1505
720-17626-7	MW-10	Water	01/13/2009 1415	01/13/2009 1505

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-3

Lab Sample ID: 720-17626-1 Date Sampled: 01/13/2009 1225
Client Matrix: Water Date Received: 01/13/2009 1505

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-45853 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: e:\data\2009\011409\sa-wa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/14/2009 1716 Final Weight/Volume: 10 mL
Date Prepared: 01/14/2009 1716

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	107	78 - 112
1,2-Dichloroethane-d4 (Surr)	112	67 - 126

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6

Lab Sample ID: 720-17626-2 Date Sampled: 01/13/2009 0930
Client Matrix: Water Date Received: 01/13/2009 1505

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-45853 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: e:\data\2009\011409\sa-wa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/14/2009 1738 Final Weight/Volume: 10 mL
Date Prepared: 01/14/2009 1738

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	78 - 112
1,2-Dichloroethane-d4 (Surr)	75	67 - 126

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6-D

Lab Sample ID: 720-17626-3
Client Matrix: Water

Date Sampled: 01/13/2009 0940
Date Received: 01/13/2009 1505

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/14/2009 1801
Date Prepared: 01/14/2009 1801

Analysis Batch: 720-45853

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011409\sa-wa-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	78 - 112
1,2-Dichloroethane-d4 (Surr)	87	67 - 126

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-1

Lab Sample ID: 720-17626-4
Client Matrix: Water

Date Sampled: 01/13/2009 1150
Date Received: 01/13/2009 1505

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/14/2009 1824
Date Prepared: 01/14/2009 1824

Analysis Batch: 720-45853

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011409\sa-wa-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	78 - 112
1,2-Dichloroethane-d4 (Surr)	97	67 - 126

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-7

Lab Sample ID: 720-17626-5 Date Sampled: 01/13/2009 1050
Client Matrix: Water Date Received: 01/13/2009 1505

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-45853 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: e:\data\2009\011409\sa-wa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/14/2009 1846 Final Weight/Volume: 10 mL
Date Prepared: 01/14/2009 1846

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	78 - 112
1,2-Dichloroethane-d4 (Surr)	86	67 - 126

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: FB

Lab Sample ID: 720-17626-6 Date Sampled: 01/13/2009 1330
Client Matrix: Water Date Received: 01/13/2009 1505

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS Analysis Batch: 720-45853 Instrument ID: Varian 3900A
Preparation: 5030B Lab File ID: e:\data\2009\011409\sa-wa-
Dilution: 1.0 Initial Weight/Volume: 10 mL
Date Analyzed: 01/14/2009 1909 Final Weight/Volume: 10 mL
Date Prepared: 01/14/2009 1909

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	110	78 - 112
1,2-Dichloroethane-d4 (Surr)	111	67 - 126

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-10

Lab Sample ID: 720-17626-7
Client Matrix: Water

Date Sampled: 01/13/2009 1415
Date Received: 01/13/2009 1505

8260B/CA_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA_LUFTMS
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/14/2009 1932
Date Prepared: 01/14/2009 1932

Analysis Batch: 720-45853

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011409\sa-wa-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	101	78 - 112
1,2-Dichloroethane-d4 (Surr)	96	67 - 126

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-3

Lab Sample ID: 720-17626-1 Date Sampled: 01/13/2009 1225
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 990 mL
Date Analyzed: 01/14/2009 1852 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.1
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.1
2,4-Dichlorophenol	ND		5.1
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.1
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.1
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.1
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.1
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.1
Diethyl phthalate	ND		5.1
4-Chlorophenyl phenyl ether	ND		5.1
Fluorene	ND		2.0
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.1

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-3

Lab Sample ID: 720-17626-1 Date Sampled: 01/13/2009 1225
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 990 mL
Date Analyzed: 01/14/2009 1852 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.1
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.1
3,3'-Dichlorobenzidine	ND		5.1
Benzo[a]anthracene	ND		5.1
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	60	6 - 98
2-Fluorobiphenyl	63	6 - 103
Terphenyl-d14	66	36 - 106
2-Fluorophenol	28	1 - 66
Phenol-d5	17	1 - 47
2,4,6-Tribromophenol	60	22 - 124

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6

Lab Sample ID: 720-17626-2 Date Sampled: 01/13/2009 0930
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 1926 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.1
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.1
2,4-Dichlorophenol	ND		5.1
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.1
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.1
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.1
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.1
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.1
Diethyl phthalate	ND		5.1
4-Chlorophenyl phenyl ether	ND		5.1
Fluorene	ND		2.0
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.1

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6

Lab Sample ID: 720-17626-2 Date Sampled: 01/13/2009 0930
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 1926 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.1
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.1
3,3'-Dichlorobenzidine	ND		5.1
Benzo[a]anthracene	ND		5.1
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	67	6 - 98
2-Fluorobiphenyl	71	6 - 103
Terphenyl-d14	75	36 - 106
2-Fluorophenol	36	1 - 66
Phenol-d5	20	1 - 47
2,4,6-Tribromophenol	74	22 - 124

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6-D

Lab Sample ID: 720-17626-3 Date Sampled: 01/13/2009 0940
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 1959 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.1
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.1
2,4-Dichlorophenol	ND		5.1
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.1
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.1
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.1
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.1
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.1
Diethyl phthalate	ND		5.1
4-Chlorophenyl phenyl ether	ND		5.1
Fluorene	ND		2.0
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.1

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6-D

Lab Sample ID: 720-17626-3 Date Sampled: 01/13/2009 0940
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 1959 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.1
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.1
3,3'-Dichlorobenzidine	ND		5.1
Benzo[a]anthracene	ND		5.1
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	71	6 - 98
2-Fluorobiphenyl	82	6 - 103
Terphenyl-d14	82	36 - 106
2-Fluorophenol	40	1 - 66
Phenol-d5	22	1 - 47
2,4,6-Tribromophenol	80	22 - 124

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-1

Lab Sample ID: 720-17626-4 Date Sampled: 01/13/2009 1150
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 01/14/2009 2033 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.1
Bis(2-chloroethyl)ether	ND		2.1
2-Chlorophenol	ND		2.1
1,3-Dichlorobenzene	ND		2.1
1,4-Dichlorobenzene	ND		2.1
Benzyl alcohol	ND		5.2
1,2-Dichlorobenzene	ND		2.1
2-Methylphenol	ND		2.1
4-Methylphenol	ND		2.1
N-Nitrosodi-n-propylamine	ND		2.1
Hexachloroethane	ND		2.1
Nitrobenzene	ND		2.1
Isophorone	ND		2.1
2-Nitrophenol	ND		2.1
2,4-Dimethylphenol	ND		2.1
Bis(2-chloroethoxy)methane	ND		5.2
2,4-Dichlorophenol	ND		5.2
1,2,4-Trichlorobenzene	ND		2.1
Naphthalene	ND		2.1
4-Chloroaniline	ND		2.1
Hexachlorobutadiene	ND		2.1
4-Chloro-3-methylphenol	ND		5.2
2-Methylnaphthalene	ND		2.1
Hexachlorocyclopentadiene	ND		5.2
2,4,6-Trichlorophenol	ND		2.1
2,4,5-Trichlorophenol	ND		2.1
2-Chloronaphthalene	ND		2.1
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.2
Acenaphthylene	ND		2.1
3-Nitroaniline	ND		5.2
Acenaphthene	ND		2.1
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.1
2,4-Dinitrotoluene	ND		2.1
2,6-Dinitrotoluene	ND		5.2
Diethyl phthalate	ND		5.2
4-Chlorophenyl phenyl ether	ND		5.2
Fluorene	ND		2.1
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.1
4-Bromophenyl phenyl ether	ND		5.2

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-1

Lab Sample ID: 720-17626-4 Date Sampled: 01/13/2009 1150
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 01/14/2009 2033 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.1
Pentachlorophenol	ND		10
Phenanthrene	ND		2.1
Anthracene	ND		2.1
Di-n-butyl phthalate	ND		5.2
Fluoranthene	ND		2.1
Pyrene	ND		2.1
Butyl benzyl phthalate	ND		5.2
3,3'-Dichlorobenzidine	ND		5.2
Benzo[a]anthracene	ND		5.2
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.1
Di-n-octyl phthalate	ND		21
Benzo[b]fluoranthene	ND		2.1
Benzo[a]pyrene	ND		2.1
Benzo[k]fluoranthene	ND		2.1
Indeno[1,2,3-cd]pyrene	ND		2.1
Benzo[g,h,i]perylene	ND		2.1
Benzoic acid	ND		10
Azobenzene	ND		2.1
Dibenz(a,h)anthracene	ND		2.1

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	79	6 - 98
2-Fluorobiphenyl	76	6 - 103
Terphenyl-d14	80	36 - 106
2-Fluorophenol	38	1 - 66
Phenol-d5	22	1 - 47
2,4,6-Tribromophenol	78	22 - 124

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-7

Lab Sample ID: 720-17626-5 Date Sampled: 01/13/2009 1050
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 2106 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.1
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.1
2,4-Dichlorophenol	ND		5.1
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.1
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.1
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.1
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.1
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.1
Diethyl phthalate	ND		5.1
4-Chlorophenyl phenyl ether	ND		5.1
Fluorene	ND		2.0
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.1

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-7

Lab Sample ID: 720-17626-5 Date Sampled: 01/13/2009 1050
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 980 mL
Date Analyzed: 01/14/2009 2106 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.1
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.1
3,3'-Dichlorobenzidine	ND		5.1
Benzo[a]anthracene	ND		5.1
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	79	6 - 98
2-Fluorobiphenyl	84	6 - 103
Terphenyl-d14	86	36 - 106
2-Fluorophenol	41	1 - 66
Phenol-d5	23	1 - 47
2,4,6-Tribromophenol	85	22 - 124

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: FB

Lab Sample ID: 720-17626-6 Date Sampled: 01/13/2009 1330
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 960 mL
Date Analyzed: 01/14/2009 2140 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.1
Bis(2-chloroethyl)ether	ND		2.1
2-Chlorophenol	ND		2.1
1,3-Dichlorobenzene	ND		2.1
1,4-Dichlorobenzene	ND		2.1
Benzyl alcohol	ND		5.2
1,2-Dichlorobenzene	ND		2.1
2-Methylphenol	ND		2.1
4-Methylphenol	ND		2.1
N-Nitrosodi-n-propylamine	ND		2.1
Hexachloroethane	ND		2.1
Nitrobenzene	ND		2.1
Isophorone	ND		2.1
2-Nitrophenol	ND		2.1
2,4-Dimethylphenol	ND		2.1
Bis(2-chloroethoxy)methane	ND		5.2
2,4-Dichlorophenol	ND		5.2
1,2,4-Trichlorobenzene	ND		2.1
Naphthalene	ND		2.1
4-Chloroaniline	ND		2.1
Hexachlorobutadiene	ND		2.1
4-Chloro-3-methylphenol	ND		5.2
2-Methylnaphthalene	ND		2.1
Hexachlorocyclopentadiene	ND		5.2
2,4,6-Trichlorophenol	ND		2.1
2,4,5-Trichlorophenol	ND		2.1
2-Chloronaphthalene	ND		2.1
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.2
Acenaphthylene	ND		2.1
3-Nitroaniline	ND		5.2
Acenaphthene	ND		2.1
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.1
2,4-Dinitrotoluene	ND		2.1
2,6-Dinitrotoluene	ND		5.2
Diethyl phthalate	ND		5.2
4-Chlorophenyl phenyl ether	ND		5.2
Fluorene	ND		2.1
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.1
4-Bromophenyl phenyl ether	ND		5.2

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: FB

Lab Sample ID: 720-17626-6 Date Sampled: 01/13/2009 1330
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 960 mL
Date Analyzed: 01/14/2009 2140 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.1
Pentachlorophenol	ND		10
Phenanthrene	ND		2.1
Anthracene	ND		2.1
Di-n-butyl phthalate	ND		5.2
Fluoranthene	ND		2.1
Pyrene	ND		2.1
Butyl benzyl phthalate	ND		5.2
3,3'-Dichlorobenzidine	ND		5.2
Benzo[a]anthracene	ND		5.2
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.1
Di-n-octyl phthalate	ND		21
Benzo[b]fluoranthene	ND		2.1
Benzo[a]pyrene	ND		2.1
Benzo[k]fluoranthene	ND		2.1
Indeno[1,2,3-cd]pyrene	ND		2.1
Benzo[g,h,i]perylene	ND		2.1
Benzoic acid	ND		10
Azobenzene	ND		2.1
Dibenz(a,h)anthracene	ND		2.1

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	56	6 - 98
2-Fluorobiphenyl	64	6 - 103
Terphenyl-d14	86	36 - 106
2-Fluorophenol	28	1 - 66
Phenol-d5	17	1 - 47
2,4,6-Tribromophenol	66	22 - 124

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-10

Lab Sample ID: 720-17626-7 Date Sampled: 01/13/2009 1415
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 01/14/2009 2214 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Phenol	ND		2.1
Bis(2-chloroethyl)ether	ND		2.1
2-Chlorophenol	ND		2.1
1,3-Dichlorobenzene	ND		2.1
1,4-Dichlorobenzene	ND		2.1
Benzyl alcohol	ND		5.2
1,2-Dichlorobenzene	ND		2.1
2-Methylphenol	ND		2.1
4-Methylphenol	ND		2.1
N-Nitrosodi-n-propylamine	ND		2.1
Hexachloroethane	ND		2.1
Nitrobenzene	ND		2.1
Isophorone	ND		2.1
2-Nitrophenol	ND		2.1
2,4-Dimethylphenol	ND		2.1
Bis(2-chloroethoxy)methane	ND		5.2
2,4-Dichlorophenol	ND		5.2
1,2,4-Trichlorobenzene	ND		2.1
Naphthalene	ND		2.1
4-Chloroaniline	ND		2.1
Hexachlorobutadiene	ND		2.1
4-Chloro-3-methylphenol	ND		5.2
2-Methylnaphthalene	ND		2.1
Hexachlorocyclopentadiene	ND		5.2
2,4,6-Trichlorophenol	ND		2.1
2,4,5-Trichlorophenol	ND		2.1
2-Chloronaphthalene	ND		2.1
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.2
Acenaphthylene	ND		2.1
3-Nitroaniline	ND		5.2
Acenaphthene	ND		2.1
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.1
2,4-Dinitrotoluene	ND		2.1
2,6-Dinitrotoluene	ND		5.2
Diethyl phthalate	ND		5.2
4-Chlorophenyl phenyl ether	ND		5.2
Fluorene	ND		2.1
4-Nitroaniline	ND		10
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.1
4-Bromophenyl phenyl ether	ND		5.2

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-10

Lab Sample ID: 720-17626-7 Date Sampled: 01/13/2009 1415
Client Matrix: Water Date Received: 01/13/2009 1505

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 720-45867 Instrument ID: Sat 2K1
Preparation: 3510C Prep Batch: 720-45740 Lab File ID: d:\data\200901\011409\720-
Dilution: 1.0 Initial Weight/Volume: 970 mL
Date Analyzed: 01/14/2009 2214 Final Weight/Volume: 1 mL
Date Prepared: 01/13/2009 1652 Injection Volume: 1.0 uL

Analyte	Result (ug/L)	Qualifier	RL
Hexachlorobenzene	ND		2.1
Pentachlorophenol	ND		10
Phenanthrene	ND		2.1
Anthracene	ND		2.1
Di-n-butyl phthalate	ND		5.2
Fluoranthene	ND		2.1
Pyrene	ND		2.1
Butyl benzyl phthalate	ND		5.2
3,3'-Dichlorobenzidine	ND		5.2
Benzo[a]anthracene	ND		5.2
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.1
Di-n-octyl phthalate	ND		21
Benzo[b]fluoranthene	ND		2.1
Benzo[a]pyrene	ND		2.1
Benzo[k]fluoranthene	ND		2.1
Indeno[1,2,3-cd]pyrene	ND		2.1
Benzo[g,h,i]perylene	ND		2.1
Benzoic acid	ND		10
Azobenzene	ND		2.1
Dibenz(a,h)anthracene	ND		2.1

Surrogate	%Rec	Acceptance Limits
Nitrobenzene-d5	68	6 - 98
2-Fluorobiphenyl	80	6 - 103
Terphenyl-d14	81	36 - 106
2-Fluorophenol	38	1 - 66
Phenol-d5	23	1 - 47
2,4,6-Tribromophenol	84	22 - 124

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-3

Lab Sample ID: 720-17626-1
Client Matrix: Water

Date Sampled: 01/13/2009 1225
Date Received: 01/13/2009 1505

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/15/2009 2333
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	79	46 - 114

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6

Lab Sample ID: 720-17626-2
Client Matrix: Water

Date Sampled: 01/13/2009 0930
Date Received: 01/13/2009 1505

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/16/2009 0000
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	82	46 - 114

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-6-D

Lab Sample ID: 720-17626-3
Client Matrix: Water

Date Sampled: 01/13/2009 0940
Date Received: 01/13/2009 1505

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/16/2009 0027
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	82	46 - 114

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-1

Lab Sample ID: 720-17626-4
Client Matrix: Water

Date Sampled: 01/13/2009 1150
Date Received: 01/13/2009 1505

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/16/2009 0053
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	87	46 - 114

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-7

Lab Sample ID: 720-17626-5
Client Matrix: Water

Date Sampled: 01/13/2009 1050
Date Received: 01/13/2009 1505

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/16/2009 0120
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	92	46 - 114

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: FB

Lab Sample ID: 720-17626-6
Client Matrix: Water

Date Sampled: 01/13/2009 1330
Date Received: 01/13/2009 1505

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/21/2009 1022
Date Prepared: 01/20/2009 1804

Analysis Batch: 720-46280
Prep Batch: 720-46001

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	1	0 - 5
p-Terphenyl	96	46 - 114

Client: LFR, Inc. Job Number: 720-17626-1

Client Sample ID: MW-10

Lab Sample ID: 720-17626-7
Client Matrix: Water

Date Sampled: 01/13/2009 1415
Date Received: 01/13/2009 1505

8015B Diesel Range Organics (DRO) (GC)-Silica Gel Cleanup

Method: 8015B
Preparation: 3510C SGC
Dilution: 1.0
Date Analyzed: 01/16/2009 0214
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	%Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	60	46 - 114

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: LFR, Inc. Job Number: 720-17626-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:720-45853					
LCS 720-45853/6	Lab Control Spike	T	Water	8260B/CA_LUFT	
LCSD 720-45853/3	Lab Control Spike Duplicate	T	Water	8260B/CA_LUFT	
MB 720-45853/7	Method Blank	T	Water	8260B/CA_LUFT	
720-17626-1	MW-3	T	Water	8260B/CA_LUFT	
720-17626-2	MW-6	T	Water	8260B/CA_LUFT	
720-17626-3	MW-6-D	T	Water	8260B/CA_LUFT	
720-17626-4	MW-1	T	Water	8260B/CA_LUFT	
720-17626-5	MW-7	T	Water	8260B/CA_LUFT	
720-17626-6	FB	T	Water	8260B/CA_LUFT	
720-17626-7	MW-10	T	Water	8260B/CA_LUFT	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 720-45740					
LCS 720-45740/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-45740/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-45740/1-A	Method Blank	T	Water	3510C	
720-17626-1	MW-3	T	Water	3510C	
720-17626-2	MW-6	T	Water	3510C	
720-17626-3	MW-6-D	T	Water	3510C	
720-17626-4	MW-1	T	Water	3510C	
720-17626-5	MW-7	T	Water	3510C	
720-17626-6	FB	T	Water	3510C	
720-17626-7	MW-10	T	Water	3510C	
Analysis Batch:720-45867					
LCS 720-45740/2-A	Lab Control Spike	T	Water	8270C	720-45740
LCSD 720-45740/3-A	Lab Control Spike Duplicate	T	Water	8270C	720-45740
MB 720-45740/1-A	Method Blank	T	Water	8270C	720-45740
720-17626-1	MW-3	T	Water	8270C	720-45740
720-17626-2	MW-6	T	Water	8270C	720-45740
720-17626-3	MW-6-D	T	Water	8270C	720-45740
720-17626-4	MW-1	T	Water	8270C	720-45740
720-17626-5	MW-7	T	Water	8270C	720-45740
720-17626-6	FB	T	Water	8270C	720-45740
720-17626-7	MW-10	T	Water	8270C	720-45740

Report Basis
T = Total

Client: LFR, Inc. Job Number: 720-17626-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 720-45780					
LCS 720-45780/2-A	Lab Control Spike	A	Water	3510C SGC	
LCSD 720-45780/3-A	Lab Control Spike Duplicate	A	Water	3510C SGC	
MB 720-45780/1-A	Method Blank	A	Water	3510C SGC	
720-17626-1	MW-3	A	Water	3510C SGC	
720-17626-2	MW-6	A	Water	3510C SGC	
720-17626-3	MW-6-D	A	Water	3510C SGC	
720-17626-4	MW-1	A	Water	3510C SGC	
720-17626-5	MW-7	A	Water	3510C SGC	
720-17626-7	MW-10	A	Water	3510C SGC	
Analysis Batch:720-45940					
LCS 720-45780/2-A	Lab Control Spike	A	Water	8015B	720-45780
LCSD 720-45780/3-A	Lab Control Spike Duplicate	A	Water	8015B	720-45780
MB 720-45780/1-A	Method Blank	A	Water	8015B	720-45780
720-17626-1	MW-3	A	Water	8015B	720-45780
720-17626-2	MW-6	A	Water	8015B	720-45780
720-17626-3	MW-6-D	A	Water	8015B	720-45780
720-17626-4	MW-1	A	Water	8015B	720-45780
720-17626-5	MW-7	A	Water	8015B	720-45780
720-17626-7	MW-10	A	Water	8015B	720-45780
Prep Batch: 720-46001					
LCS 720-46001/2-A	Lab Control Spike	A	Water	3510C SGC	
LCSD 720-46001/3-A	Lab Control Spike Duplicate	A	Water	3510C SGC	
MB 720-46001/1-A	Method Blank	A	Water	3510C SGC	
720-17626-6	FB	A	Water	3510C SGC	
Analysis Batch:720-46280					
LCS 720-46001/2-A	Lab Control Spike	A	Water	8015B	720-46001
LCSD 720-46001/3-A	Lab Control Spike Duplicate	A	Water	8015B	720-46001
MB 720-46001/1-A	Method Blank	A	Water	8015B	720-46001
720-17626-6	FB	A	Water	8015B	720-46001

Report Basis
A = Silica Gel Cleanup

Client: LFR, Inc.

Job Number: 720-17626-1

Method Blank - Batch: 720-45853

Method: 8260B/CA_LUFTMS
Preparation: 5030B

Lab Sample ID: MB 720-45853/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1007
Date Prepared: 01/14/2009 1007

Analysis Batch: 720-45853
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011409\mb-w
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Gasoline Range Organics (GRO)-C5-C12	ND		50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Xylenes, Total	ND		1.0
TAME	ND		0.50
Ethyl tert-butyl ether	ND		0.50
MTBE	ND		0.50
DIPE	ND		1.0
TBA	ND		5.0
EDB	ND		0.50
1,2-DCA	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	101	78 - 112
1,2-Dichloroethane-d4 (Surr)	104	67 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17626-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45853

Method: 8260B/CA_LUFTMS
Preparation: 5030B

LCS Lab Sample ID: LCS 720-45853/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1421
Date Prepared: 01/14/2009 1421

Analysis Batch: 720-45853
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011409\ls-wa
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-45853/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1444
Date Prepared: 01/14/2009 1444

Analysis Batch: 720-45853
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900A
Lab File ID: e:\data\2009\011409\ld-wa-9
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C5-C12	53	56	43 - 95	6	20		
Benzene	99	98	67 - 120	0	20		
Toluene	84	82	73 - 122	3	20		
MTBE	80	94	61 - 134	16	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	105	103	78 - 112
1,2-Dichloroethane-d4 (Surr)	78	104	67 - 126

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17626-1

Method Blank - Batch: 720-45740

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 720-45740/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1349
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\MB
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
Phenol	ND		2.0
Bis(2-chloroethyl)ether	ND		2.0
2-Chlorophenol	ND		2.0
1,3-Dichlorobenzene	ND		2.0
1,4-Dichlorobenzene	ND		2.0
Benzyl alcohol	ND		5.0
1,2-Dichlorobenzene	ND		2.0
2-Methylphenol	ND		2.0
4-Methylphenol	ND		2.0
N-Nitrosodi-n-propylamine	ND		2.0
Hexachloroethane	ND		2.0
Nitrobenzene	ND		2.0
Isophorone	ND		2.0
2-Nitrophenol	ND		2.0
2,4-Dimethylphenol	ND		2.0
Bis(2-chloroethoxy)methane	ND		5.0
2,4-Dichlorophenol	ND		5.0
1,2,4-Trichlorobenzene	ND		2.0
Naphthalene	ND		2.0
4-Chloroaniline	ND		2.0
Hexachlorobutadiene	ND		2.0
4-Chloro-3-methylphenol	ND		5.0
2-Methylnaphthalene	ND		2.0
Hexachlorocyclopentadiene	ND		5.0
2,4,6-Trichlorophenol	ND		2.0
2,4,5-Trichlorophenol	ND		2.0
2-Chloronaphthalene	ND		2.0
2-Nitroaniline	ND		10
Dimethyl phthalate	ND		5.0
Acenaphthylene	ND		2.0
3-Nitroaniline	ND		5.0
Acenaphthene	ND		2.0
2,4-Dinitrophenol	ND		10
4-Nitrophenol	ND		10
Dibenzofuran	ND		2.0
2,4-Dinitrotoluene	ND		2.0
2,6-Dinitrotoluene	ND		5.0
Diethyl phthalate	ND		5.0
4-Chlorophenyl phenyl ether	ND		5.0
Fluorene	ND		2.0
4-Nitroaniline	ND		10

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc.

Job Number: 720-17626-1

Method Blank - Batch: 720-45740

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 720-45740/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1349
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\MB
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	Result	Qual	RL
2-Methyl-4,6-dinitrophenol	ND		10
N-Nitrosodiphenylamine	ND		2.0
4-Bromophenyl phenyl ether	ND		5.0
Hexachlorobenzene	ND		2.0
Pentachlorophenol	ND		10
Phenanthrene	ND		2.0
Anthracene	ND		2.0
Di-n-butyl phthalate	ND		5.0
Fluoranthene	ND		2.0
Pyrene	ND		2.0
Butyl benzyl phthalate	ND		5.0
3,3'-Dichlorobenzidine	ND		5.0
Benzo[a]anthracene	ND		5.0
Bis(2-ethylhexyl) phthalate	ND		10
Chrysene	ND		2.0
Di-n-octyl phthalate	ND		20
Benzo[b]fluoranthene	ND		2.0
Benzo[a]pyrene	ND		2.0
Benzo[k]fluoranthene	ND		2.0
Indeno[1,2,3-cd]pyrene	ND		2.0
Benzo[g,h,i]perylene	ND		2.0
Benzoic acid	ND		10
Azobenzene	ND		2.0
Dibenz(a,h)anthracene	ND		2.0

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	64	6 - 98
2-Fluorobiphenyl	69	6 - 103
Terphenyl-d14	81	36 - 106
2-Fluorophenol	38	1 - 66
Phenol-d5	24	1 - 47
2,4,6-Tribromophenol	71	22 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17626-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45740

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45740/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1242
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\lcs
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45740/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1316
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Phenol	26	29	12 - 89	12	35		
Bis(2-chloroethyl)ether	72	81	43 - 126	12	35		
2-Chlorophenol	62	69	23 - 134	9	25		
1,3-Dichlorobenzene	50	54	17 - 153	8	35		
1,4-Dichlorobenzene	48	51	36 - 97	6	30		
Benzyl alcohol	57	59	10 - 130	5	35		
1,2-Dichlorobenzene	55	58	37 - 92	5	35		
2-Methylphenol	59	65	10 - 130	10	35		
4-Methylphenol	51	53	10 - 130	4	35		
N-Nitrosodi-n-propylamine	71	73	10 - 130	3	34		
Hexachloroethane	48	54	30 - 103	11	35		
Nitrobenzene	86	77	48 - 106	11	35		
Isophorone	88	82	47 - 180	7	35		
2-Nitrophenol	79	83	45 - 166	4	35		
2,4-Dimethylphenol	85	81	42 - 109	5	35		
Bis(2-chloroethoxy)methane	79	76	43 - 164	4	35		
2,4-Dichlorophenol	80	78	53 - 121	1	35		
1,2,4-Trichlorobenzene	61	59	44 - 142	2	35		
Naphthalene	68	71	36 - 119	4	35		
4-Chloroaniline	47	43	10 - 130	9	35		
Hexachlorobutadiene	65	55	38 - 102	16	35		
4-Chloro-3-methylphenol	72	73	22 - 147	1	31		
2-Methylnaphthalene	69	69	10 - 130	1	35		
Hexachlorocyclopentadiene	79	89	10 - 130	11	35		
2,4,6-Trichlorophenol	78	78	47 - 108	1	35		
2,4,5-Trichlorophenol	76	85	20 - 120	11	35		
2-Chloronaphthalene	81	81	10 - 130	0	35		
2-Nitroaniline	78	82	10 - 130	5	35		
Dimethyl phthalate	92	96	10 - 130	4	35		
Acenaphthylene	96	98	54 - 126	2	35		
3-Nitroaniline	79	81	10 - 130	2	35		
Acenaphthene	86	80	48 - 104	7	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17626-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45740

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID: LCS 720-45740/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1242
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\lcs
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

LCSD Lab Sample ID: LCSD 720-45740/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/14/2009 1316
Date Prepared: 01/13/2009 1409

Analysis Batch: 720-45867
Prep Batch: 720-45740
Units: ug/L

Instrument ID: Sat 2K1
Lab File ID: d:\data\200901\011409\LCS
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume: 1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
2,4-Dinitrophenol	93	93	10 - 130	0	35		
4-Nitrophenol	45	46	1 - 132	3	35		
Dibenzofuran	82	74	10 - 130	9	35		
2,4-Dinitrotoluene	91	87	39 - 139	5	35		
2,6-Dinitrotoluene	98	92	10 - 130	6	35		
Diethyl phthalate	93	89	10 - 130	4	35		
4-Chlorophenyl phenyl ether	85	85	39 - 144	0	35		
Fluorene	86	82	55 - 111	5	35		
4-Nitroaniline	94	91	10 - 130	3	35		
2-Methyl-4,6-dinitrophenol	99	101	53 - 110	2	35		
N-Nitrosodiphenylamine	96	102	14 - 170	6	35		
4-Bromophenyl phenyl ether	92	93	10 - 130	1	35		
Hexachlorobenzene	94	86	8 - 140	9	35		
Pentachlorophenol	83	83	45 - 125	0	35		
Phenanthrene	84	90	44 - 125	7	35		
Anthracene	96	94	44 - 118	3	35		
Di-n-butyl phthalate	87	96	9 - 111	10	35		
Fluoranthene	91	91	43 - 121	1	35		
Pyrene	85	92	52 - 115	7	35		
Butyl benzyl phthalate	87	92	10 - 139	5	35		
3,3'-Dichlorobenzidine	84	86	9 - 212	2	35		
Benzo[a]anthracene	79	87	42 - 133	10	35		
Bis(2-ethylhexyl) phthalate	82	85	29 - 136	3	35		
Chrysene	78	86	42 - 139	10	35		
Di-n-octyl phthalate	85	84	10 - 130	1	35		
Benzo[b]fluoranthene	93	82	42 - 140	13	35		
Benzo[a]pyrene	84	76	32 - 148	9	35		
Benzo[k]fluoranthene	77	90	26 - 145	16	35		
Indeno[1,2,3-cd]pyrene	88	91	10 - 150	4	35		
Benzo[g,h,i]perylene	94	91	10 - 140	3	35		
Benzoic acid	27	27	10 - 130	2	35		
Azobenzene	83	81	12 - 89	3	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17626-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45740

Method: 8270C
Preparation: 3510C

LCS Lab Sample ID:	LCS 720-45740/2-A	Analysis Batch: 720-45867	Instrument ID: Sat 2K1
Client Matrix:	Water	Prep Batch: 720-45740	Lab File ID: d:\data\200901\011409\lcs
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	01/14/2009 1242		Final Weight/Volume: 1 mL
Date Prepared:	01/13/2009 1409		Injection Volume: 1.0 uL

LCSD Lab Sample ID:	LCSD 720-45740/3-A	Analysis Batch: 720-45867	Instrument ID: Sat 2K1
Client Matrix:	Water	Prep Batch: 720-45740	Lab File ID: d:\data\200901\011409\LCS
Dilution:	1.0	Units: ug/L	Initial Weight/Volume: 1000 mL
Date Analyzed:	01/14/2009 1316		Final Weight/Volume: 1 mL
Date Prepared:	01/13/2009 1409		Injection Volume: 1.0 uL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dibenz(a,h)anthracene	89	95	10 - 130	7	35		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5	82	78	6 - 98
2-Fluorobiphenyl	77	86	6 - 103
Terphenyl-d14	82	89	36 - 106
2-Fluorophenol	39	42	1 - 66
Phenol-d5	26	29	1 - 47
2,4,6-Tribromophenol	88	80	22 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17626-1

Method Blank - Batch: 720-45780

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

Lab Sample ID: MB 720-45780/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2009 1146
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	% Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	88	46 - 114

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-45780

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-45780/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2009 1213
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-45780/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/15/2009 1240
Date Prepared: 01/14/2009 1235

Analysis Batch: 720-45940
Prep Batch: 720-45780
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C9-C24]	96	97	41 - 103	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	111	114	46 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: LFR, Inc. Job Number: 720-17626-1

Method Blank - Batch: 720-46001

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

Lab Sample ID: MB 720-46001/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/21/2009 1144
Date Prepared: 01/20/2009 1804

Analysis Batch: 720-46280
Prep Batch: 720-46001
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	RL
Motor Oil Range Organics [C24-C36]	ND		300
Diesel Range Organics [C9-C24]	ND		50

Surrogate	% Rec	Acceptance Limits
Capric Acid (Surr)	0	0 - 5
p-Terphenyl	87	46 - 114

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 720-46001

Method: 8015B
Preparation: 3510C SGC
Silica Gel Cleanup

LCS Lab Sample ID: LCS 720-46001/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/21/2009 1050
Date Prepared: 01/20/2009 1804

Analysis Batch: 720-46280
Prep Batch: 720-46001
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-46001/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/21/2009 1117
Date Prepared: 01/20/2009 1804

Analysis Batch: 720-46280
Prep Batch: 720-46001
Units: ug/L

Instrument ID: HP DRO5
Lab File ID: N/A
Initial Weight/Volume: 250 mL
Final Weight/Volume: 1 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Diesel Range Organics [C9-C24]	87	88	41 - 103	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
p-Terphenyl	98	99	46 - 114

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1919 • Fax: (925) 600-3002

TOO-17626

Reference #: 19116

Date 1/13/09 Page 1 of 1

Report To

Attn: Ron Goldman

Company: LFR

Address: 1900 Powell Emeryville, CA

Phone: 510 596 9500 Email:

Bill To: above

Sampled By: TRC

Attn: Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Pres erv.	TPH EPA - ☐ 8015/8021 ☒ 8260B ☒ Gas w/ ☒ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☒ 8260B (TRC)	TPH EPA 8015M* ☒ Silica Gel ☒ Diesel ☒ Motor Oil ☐ Other	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxygenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☒ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum ☐ Total	Pesticides: ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals ☐ Lead ☐ LUFT ☐ RCRA ☐ Other	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC) ☐ TCLP	Hexavalent Chromium pH (24hr hold time for H2O)	Spec Cond. ☐ Alkalinity TSS ☐ TDS ☐	Anions: ☐ Cl ☐ SO4 ☐ NO3 ☐ F ☐ Br ☐ NO2 ☐ PO4	Lead Scavengers	Fuel oxygenates 8260	
MW-3	1/13	12:25	W		X	X	X				X										X	X	
MW-6	1/13	9:[illegible]	W		X	X	X				X										X	X	
MW-6-D	1/13	9:40	W		X	X	X				X										X	X	
MW-1	1/13	11:56	W		X	X	X				X										X	X	
MW-7	1/13	10:50	W		X	X	X				X										X	X	
FB	1/13	13:30	W		X	X	X				X										X	X	
MW-10	1/13	14:35	W		X	X	X				X										X	X	

Project Info.

Project Name: Hanson Radian

Project#: 001 09767

PO#:

Credit Card#:

TAT: 5 Day | 72h | 48h | 24h | Other

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD ☐ State Tank Fund EDF ☐ Global ID

Special Instructions/Comments:

Sample Receipt

of Containers:

Head Space:

Temp: 4.7 / 1.2

Conforms to record:

1) Relinquished by: [signature] 15:05

Signature Time

Tom Collins 1/13

Printed Name Date

LFR

Company

1) Received by: [signature] 1505

Signature Time

[signature] 01/13/09

Printed Name Date

test America

Company

2) Relinquished by

Signature Time

Printed Name Date

Company

2) Received by:

Signature Time

Printed Name Date

Company

3) Relinquished by

Signature Time

Printed Name Date

Company

3) Received by

Signature Time

Printed Name Date

Company

See Terms and Conditions on reverse.

*TestAmerica SF reports 8015M from C7 C36 industry norm. Default for 8015B is C6 C44

01/29/2009

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Login Sample Receipt Check List

Client: LFR, Inc.

Job Number: 720-17626-1

Login Number: 17626
List Source: TestAmerica San Francisco
Creator: Mullen, Joan
List Number: 1

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is 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	
There are no discrepancies between the sample IDs on the containers 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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	