



ENVIRONMENTAL MANAGEMENT & CONSULTING ENGINEERING

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1:45 pm, Jul 24, 2007

Alameda County  
Environmental Health

July 20, 2007

001-09480-02

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

**Subject:** Results of Subsurface Investigation in the Lessee Areas at the Hanson Sunol Former Mission Valley Rock Facility, 7999 Athenour Way, Sunol, California

Dear Mr. Wickham:

On behalf of Hanson Aggregates Northern California ("Hanson"), LFR Inc. (LFR) is pleased to submit this letter report summarizing the results of a subsurface investigation conducted in the lessee areas of the Hanson Aggregates Sunol facility located at 7999 Athenour Way, Sunol, California (formerly owned by the Mission Valley Rock Company). The shallow subsurface investigations were conducted at the request of Hanson for due diligence purposes. In response to your April 27, 2007, letter entitled "Fuel Leak Case No. RO0000207 and Geotracker Global ID T0600102092, Mission Valley Rock and Asphalt, 7999 Athenour Way, Sunol, CA, 94586," LFR herein is presenting information regarding any potential releases, investigation activities, and any site cleanup, that may have occurred at Y's Equipment Rental, Inc. ("Y's") and Big K Equipment Rental, Inc. ("Big K"; collectively, the "lessee areas").

Two leased properties used for large equipment maintenance and repair and occupied by Big K and Y's are located approximately 1,400 feet west-southwest of the Asphalt Plant, where extensive subsurface investigations have been conducted under Alameda County Environmental Health (ACEH) oversight and ACEH Fuel Leak Case No. RO0000207. During a site reconnaissance for a sitewide due diligence evaluation by LFR conducted in 2004/2005, LFR observed visible staining on soil surfaces and generally poor housekeeping (i.e., drums and large pieces of equipment with evidence of leaks and visible staining) in the lessee areas. A sump containing liquid also was identified in the southern portion of the Y's property. At the request of Hanson, LFR subsequently conducted a subsurface investigation in the lessee areas to characterize any subsurface impact to shallow soils and groundwater in areas where visible staining or evidence of leaking petroleum products were observed during the site reconnaissance. The areas selected for sampling based on surface staining or evidence of leaking were confirmed by LFR during an April 2006 site walk with Hanson.



## **Lessee Areas**

Y's and Big K operate large equipment maintenance and repair machine shops, and associated lube shed(s) and equipment storage areas. During the April 2006 site visit, LFR observed that the machine shops and waste oil sheds are located generally inside buildings with concrete flooring, while large equipment including earthmovers and backhoes in various stages of repair were stored outdoors on soil and/or grass. The Big K operations included a wash rack area with a concrete pad, which did not appear to be bermed. Next to the concrete pad is an area where wash water infiltrated soil, which was evidenced by the deep tire ruts and darker soil. As noted above, areas of visible staining or potential leaking, especially on the soil or grass areas, were noted. Areas that did not appear to have visible staining in April 2006, but where Hanson and/or LFR previously had noted staining, also were identified.

## **Investigation Objective**

The objective of the additional soil and grab groundwater sampling was to conduct a limited due diligence investigation in selected locations identified as having potential environmental conditions as described above. This letter report describes the methods used to advance six temporary soil borings to collect depth-discrete soil and grab groundwater samples in the lessee areas, and to collect one grab water sample from the sump. All analytical results for samples collected are presented herein.

## **Soil and Groundwater Investigation**

On May 5, 2006, LFR advanced six temporary soil borings (SB-7 through SB-12) to approximately 16 to 20 feet below ground surface (bgs) in the lessee areas. Soil borings SB-7 through SB-9 were located on the property leased by Y's, while soil borings SB-10 through SB-12 were located on the property leased by Big K. The temporary soil boring locations targeted areas with evidence of staining or leaking, current equipment repair and storage, and/or waste oil storage identified. LFR collected depth-discrete soil and grab groundwater samples from each of the six temporary soil borings. In addition, LFR collected a grab water sample from a sump located on the leased property currently occupied by Y's. The approximate locations of the six soil borings (SB-7 through SB-12) and the sump are shown on Figure 1.

## ***Pre-Field Activities***

Pre-field activities included obtaining the appropriate soil boring permit from the Alameda County Zone 7 Water Agency, scheduling a drilling subcontractor to advance the soil borings, notifying Underground Service Alert, and subcontracting a private underground utility locator to clear the proposed soil boring locations. The site-specific health and safety plan prepared for well installation activities conducted in the Asphalt Plant area during April and early May 2006 was



used to conduct a health and safety tailgate meeting before fieldwork began. In addition, LFR and the drilling subcontractor participated in Hanson's on-site health and safety briefing for new personnel.

### ***Advancement of Soil Borings and Sample Collection***

LFR contracted Gregg Drilling and Testing of Martinez, California, to advance the six temporary soil borings using direct-push technology to depths ranging from 16 to 10 feet bgs. The total depths of the soil borings were determined based on field conditions and the depth of first encountered groundwater, which ranged from approximately 6 to 14 feet bgs. Continuous soil samples were collected from each soil boring for lithologic evaluation; soil boring logs are included in Appendix A. One soil sample was collected for laboratory analysis from each soil boring approximately just above the water table and from depths ranging from 2 to 6 feet bgs.

A temporary well casing and well screen were placed in each soil boring to collect grab groundwater samples after groundwater sufficiently entered the well screen. Grab groundwater samples were collected from each soil boring using disposable bailers. After collecting the soil and grab groundwater samples from each location, the soil borings were abandoned by filling each hole with cement grout to ground surface. Soil waste generated during the soil boring drilling activities was placed in a soil bin temporarily located at the Asphalt Plant and later disposed of along with soil waste generated during the well installation activities.

### ***Sample Locations, Depths, and Analyses***

Below is a description of the soil boring locations and sample analyses. Analytical results are summarized in Table 1 and discussed in the following section.

LFR advanced three temporary soil borings at each of the two equipment repair businesses and collected soil and grab groundwater samples from each boring (Figure 1). Three soil borings were advanced at Y's (SB-7 through SB-9), approximately in front of the equipment repair area and workshop, in front of the oil storage shack, and near a vehicle repair area. Three soil borings were advanced at Big K (SB-10 through SB-12), approximately where surface runoff from the equipment wash area occurs, in front of the oil storage shed, and near the parked large equipment where obvious surface staining was observed. Each of the six soil and six grab groundwater samples was analyzed for total petroleum hydrocarbons (TPH) as diesel (TPHd), as gasoline (TPHg), and as motor oil (TPHmo), and for volatile organic compounds (VOCs).

In addition, a grab water sample was collected from the sump located approximately in the southeastern corner of the leased area occupied by Y's. The sub-grade sump is concrete lined, approximately 3 feet deep, approximately 10 feet by 10 feet in surface area, and is covered by a metal grid. The sump was filled with water at the time a grab water sample was collected using a



disposable bailer. The water sample collected from the sump (labeled Y-Sump) was analyzed for TPHd, TPHg, TPHmo, and VOCs.

### **Laboratory Analytical Results**

Analytical results for the soil and grab groundwater samples collected from the six temporary soil borings and for the grab water sample collected from the sump are summarized in Tables 1 and 2 and discussed below. Laboratory-certified analytical reports are included in Appendix B.

Analytical results are compared to the most conservative Environmental Screening Levels (ESLs) published by the San Francisco Bay Regional Water Quality Control Board (RWQCB) in February 2005, for shallow soils where groundwater is a current or potential source of drinking water beneath residential land use areas.

### ***Soil Sample Analytical Results***

Analytical results show that only TPHmo was detected, in only one soil sample (Table 1). TPHmo was detected in the soil sample collected from approximately 4 feet bgs in temporary soil boring SB-12, at a concentration of 280 milligrams per kilogram (mg/kg). Soil boring SB-12 was located in an area of obvious staining where large equipment is parked along the southern edge of the property currently leased by Big K. Evidence of oil leaks on the equipment indicates that the TPHmo detected in the shallow soil sample likely resulted from the equipment stored and/or maintained in this area. The detected TPHmo concentration is below the ESL for TPHmo. No other compounds were detected in the soil sample collected from soil boring SB-12.

TPHd, TPHg, TPHmo, and VOCs were not detected above laboratory reporting limits in any of the soil samples collected from temporary soil borings SB-7 through SB-11 (Table 1).

### ***Grab Groundwater Analytical Results***

No TPH or VOC compounds were detected above laboratory detection limits in any of the six grab groundwater samples collected from temporary soil borings SB-7 through SB-17 (Table 2).

### ***Grab Sump Water Analytical Results***

No TPH or VOC compounds were detected above laboratory detection limits in the grab water sample collected from the sump (Table 2).



## Conclusions and Recommendations

The analytical results for the soil and grab groundwater samples collected from the 12 temporary soil borings advanced as part of a due diligence investigation for Hanson indicate that no significant TPH or VOC impact was identified at the two properties currently occupied by the Y's and Big K businesses. A grab sample collected from the sump located on the property currently occupied by Y's Equipment Rental did not contain any TPH or VOC compounds above laboratory reporting limits.

Based on the results of this due diligence investigation, which indicate no significant subsurface impact, LFR does not recommend that any additional soil and groundwater investigations be conducted in the lessee areas. No remediation activities are proposed at this time. It is assumed that the existing equipment maintenance and rental business will continue to occupy the two leased properties. Based on site visits where instances of poor housekeeping were noted, LFR recommends that Hanson enforce better housekeeping practices with the tenants of the leased properties to minimize potential future impacts to the subsurface (for example, maintaining proper containment structures, capturing potential leaks from equipment repaired and/or stored particularly where the soil is exposed), and generally preventing petroleum and/or cleaning products from reaching the ground surface.

Please contact the undersigned at (510) 652-4500 or Lee Cover of Hanson at (925) 426-4170 if you have any questions regarding this investigation and the results reported herein.

Sincerely,

Katrin M. Schliewen, P.G. (7808)  
Senior Hydrogeologist



Expires Feb 28 2009

### Enclosures:

- Table 1 – Soil Analytical Results, May 2006
- Table 2 – Grab Groundwater Analytical Results, May 2006
- Figure 1 – Soil Boring Location Map
- Appendix A – Soil Boring Logs
- Appendix B – Laboratory-Certified Analytical Reports

**Table 1**  
**Soil Analytical Results, May 2006**  
**Mission Valley Rock and Asphalt**  
**7999 Athenour Way, Sunol, California**

Soil Boring ID	Date Sampled	Sample Depth (feet bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	VOCs (mg/kg)
<b>Y's Equipment Rental</b>						
SB-7-2.0	5/5/06	2.0	< 500	< 10	< 10	< 2.0
SB-8-2.0	5/5/06	2.0	< 500	< 10	< 10	< 2.0
SB-9-2.0	5/5/06	2.0	< 500	< 10	< 10	< 2.0
<b>Big K Equipment Rental</b>						
SB-10-6.0	5/5/06	6.0	< 500	< 10	< 10	< 2.0
SB-11-6.0	5/5/06	6.0	< 500	< 10	< 10	< 2.0
SB-12-4.0	5/5/06	4.0	< 500	< 10	280	< 2.0
<b>ESLs</b>			<b>100</b>	<b>100</b>	<b>500</b>	<b>various</b>

**Notes:**

EPA = Environmental Protection Agency

ID = identification; soil boring identification number

feet bgs = feet below ground surface

mg/kg = milligrams per kilogram (parts per million [ppm])

"<" = analyte not detected at or above the noted laboratory reporting limit

TPHg = total petroleum hydrocarbons as gasoline using EPA Method 8015M

TPHd = total petroleum hydrocarbons as diesel using EPA Method 8015

TPHmo = total petroleum hydrocarbons as motor oil using EPA Method 8015

VOCs = volatile organic compounds using EPA Method 8260B

ESLs = Environmental Screening Levels by San Francisco Bay Regional Water Quality Control Board (RWQCB), February 2005, for shallow soils (less than 3 meters) where groundwater is a current or potential source of drinking water beneath residential land use areas.

**Table 2**  
**Grab Groundwater Analytical Results, May 2006**  
**Mission Valley Rock and Asphalt**  
**7999 Athenour Way, Sunol, California**

Soil Boring ID	Date Sampled	TPHg ( $\mu\text{g/l}$ )	TPHd ( $\mu\text{g/l}$ )	TPHmo ( $\mu\text{g/l}$ )	VOCs ( $\mu\text{g/l}$ )
<b>Y's Equipment Rental</b>					
SB-7-GW	5/5/06	< 50	< 0.050	< 0.050	< 1.0
SB-8-GW	5/5/06	< 50	< 0.050	< 0.050	< 1.0
SB-9-GW	5/5/06	< 50	< 0.050	< 0.050	< 1.0
Y-SUMP-5/5/06	5/5/06	< 50	< 0.050	< 0.050	< 1.0
<b>Big K Equipment Rental</b>					
SB-10-GW	5/5/06	< 50	< 0.050	< 0.050	< 1.0
SB-11-GW	5/5/06	< 50	< 0.050	< 0.050	< 1.0
SB-12-GW	5/5/06	< 50	< 0.050	< 0.050	< 1.0
<b>ESLs</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>various</b>

**Notes:**

EPA = Environmental Protection Agency

ID = identification; soil boring identification number

feet bgs = feet below ground surface

$\mu\text{g/l}$  = micrograms per liter (parts per billion [ppb])

" < " = analyte not detected at or above the noted laboratory reporting limit

TPHg = total petroleum hydrocarbons as gasoline using EPA Method 8015M

TPHd = total petroleum hydrocarbons as diesel using EPA Method 8015

TPHmo = total petroleum hydrocarbons as motor oil using EPA Method 8015

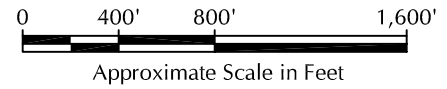
VOCs = volatile organic compounds using EPA Method 8260B

ESLs = Environmental Screening Levels by San Francisco Bay Regional Water Quality Control Board (RWQCB), February 2005, for shallow or deep soils where groundwater is a current or potential source of drinking water beneath residential and/or industrial/commercial land use areas.



EXPLANATION:

- ◆ SB-7 Approximate location of soil borings
- ◆ Sump Approximate location of sump



### Soil Boring Location Map

Hanson Aggregates, 7999 Athenour Way, Sunol, CA



Figure 1



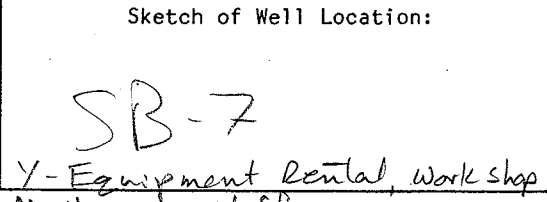
## **APPENDIX A**

### **Soil Boring Logs**

Depth, feet	WELL CONSTRUCTION		LITHOLOGY		SAMPLE DATA	
	Type of Security:	Graphic Log	Description	NUMBER	INTERVAL	PENETRATION RATE (Blows/ft.)
0			Start = 8:10			
4	50%	SM	v. DK Brn Sand w/ 25% silt, 5% clay + F Sub A gravel, dry. organics = 10% PID @ 2.0' (Bottom of shoe) = 10 ppm B/O/S	* SB-7-20	@	8:15
8	100%	ML	@ 6.0' DK Grey Silt w/ 15% Clay, 10% v. F Sand (Firm) PID @ 8.0' (V/S) = 2.2 ppmv 5% F Gravel, dry.			Agitated
12	100%		@ 11.0' Sand w/ 20% silt + 10% clay, 10% F Gravel, dry. (DK Grey) PID @ 12.0' (B/O/S) = 2.0 ppmv			
16	100%	SM	@ 14.0' wet v-F Sand + 20% clay, 20% silt (firm)	* SB-7-14.0'	@	8:30 am
20	100%	GS	WET @ SET Temp MW 10'-20' screen @ 8:35 @ 15.0' Med. Sub A gravel + F-Med Sand.			
			Notes: SB-7-2.0' @ 8:15 PID = 10 ppmv SB-7-14.0' @ 8:30 PID = 2.2 ppmv SB-7-GW @ 8:45 * B/O/S = Bottom of shoe			

Well Permit No.: SB-7  
 Date well drilled: 5/5/06  
 Date water level measured: 5/5/06  
 Well elevation: NA

Drilling Company: Gregg  
 Driller:  
 Sampling Method: D.P. Grab  
 Hammer Weight: PVC liners

Sketch of Well Location:  
  
 SB-7  
 Y-Equipment Rental, workshop  
 Northern most SB

LF Geologist/Engineer: JST RA by KNS

FIELD LOG OF WELL CONSTRUCTION AND LITHOLOGY FOR

Project No. Hanson, Suroi 001-09480-00

**LEVINE-FRICKE**  
 CONSULTING ENGINEERS AND HYDROGEOLOGISTS

Depth, feet	WELL CONSTRUCTION		LITHOLOGY		SAMPLE DATA	
	Type of Security:	Graphic Log	Description	NUMBER	INTERVAL	PENETRATION RATE (Blows/ft.)
0			Start @ 9:00 Stop @ 9:45			
4		SM	Same as SB-7 w/ 5% F. Med Sub A gravel (No organic S) @ 2.0 - 3.0' → 15% clay - PID @ 2.0' = 11.0 ppwV			9:05
8		ML	@ 7.0' DF Gray <sup>see</sup> Silt (SB-7) PID @ B/1/5 = 4.0 ppwV			
10			@ 11.0' F. Sand <sup>see</sup> (SB-7); moist. PID @ B/1/5 = 2.5			
12		SM				
16		!	Same as SB-7 *SB-8-14.0' PID = 3.5 ppwV			9:20
18			WET.			
20		TD				
			<ul style="list-style-type: none"> <li>• SB-8-2.0 @ 9:05 PID = 11.0</li> <li>• SB-8-14.0 @ 9:20 PID = 3.5</li> <li>• SB-8-GW @ 9:35</li> </ul>			

Well Permit No.: SB-8  
 Date well drilled: 5/5/06  
 Date water level measured: 5/5/06  
 Well elevation: NA

Drilling Company: Gregg  
 Driller: \_\_\_\_\_  
 Sampling Method: D.P. Grab  
 Hammer Weight: ave 6 lbs

LF Geologist/Engineer: JSI QA by KMS

Sketch of Well Location:

SB-8

Y-Equipment Rental (storage) (stack)

(Central SB in Drilled Area)

FIELD LOG OF WELL CONSTRUCTION AND LITHOLOGY FOR

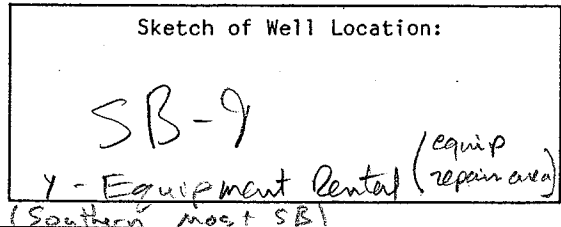
Project No. Hanson Sunol 001-09490-00

**LEVINE-FRICKE**  
 CONSULTING ENGINEERS AND HYDROGEOLOGISTS

Depth, feet	WELL CONSTRUCTION		LITHOLOGY		SAMPLE DATA	
	Type of Security:	Graphic Log	Description	NUMBER	INTERVAL	PENETRATION RATE (ft/min)
4		100% SM	Start = 9:55 Same As others = SB-8 w/ No CLAY zone			
8		100%			SB-9-2.0 PID = 15.0	e 10:00
10		75% ML	@ 9.0' - DK Gray Silt. Sample = SB-9-9.0' PID = 8.0ppw			e 10:10
12		SM	@ 11.0' VF-Med Sand (SB-8)			
16		100% ∇ SP?	Water @ 14.5' SB-9-14.5 w/ F-Crs Gravel (SB-8) 15% PID = 5.0			e 10:15
20		100%	Wet - F-Med Sand @ 17.0' Set MW @ 10:25			
		TD	<ul style="list-style-type: none"> <li>• SB-9-2.0 @ 10:00 PID = 15.0</li> <li>• SB-9-9.0 @ 10:10 PID = 8.0</li> <li>• SB-9-14.5 @ 10:15 PID = 5.0</li> <li>• SB-9-GW @ 10:30</li> </ul>			

Well Permit No.: SB-9  
 Date well drilled: 5/5/06  
 Date water level measured: 5/5/06  
 Well elevation: NA

Drilling Company: Gregg  
 Driller: \_\_\_\_\_  
 Sampling Method: D.P. Grab  
 Hammer Weight: Ave Liws

Sketch of Well Location:  
  
 SB-9  
 Y - Equipment Rental (equip repair area)  
 (Southern most SB)

LF Geologist/Engineer: JSI RA by KMS

FIELD LOG OF WELL CONSTRUCTION AND LITHOLOGY FOR

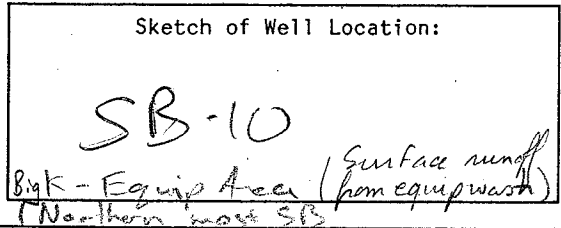
Project No. Hanson, Sunol 001-09480-00

**LEVINE-FRICKE**  
 CONSULTING ENGINEERS AND HYDROGEOLOGISTS

Depth, feet	WELL CONSTRUCTION		LITHOLOGY		SAMPLE DATA	
	Type of Security:	Graphic Log	Description	Start = 1100	stop : 1200	NUMBER INTERVAL PENETRATION RATE (Blows/ft.)
0		(brn)				
4	100%	SP-SM	Sand w/ 15% F-Med Sub A gravel, 10% silt, clay E-med. (15, 75, 10, 0)			@ 1110
8	100%	SM	@ 7.0' v.F. Sand w/ 25% F Sand 10% sub R. Lt. Grey/Brn (Almost Pink) PID=9.5 @ B/O/S (4.0'). F-Crs Gravel.			@ 1120
10	100%		@ 6.0' DK Brn F-Med Sand w/ 15% silt, moist L PID=10.0 ppm SB-10-6.0 10% clay 10% F sub R gravel			@ 1125
12	100%	▽	@ 9.0' - Mottled Between upper 2 layers [F: 11?] Hor [Stough?] - 60% Upper / 40% lower (Pink) (DF Brn) @ 11.5' ▽ SB-10-11.5 PID=20.0 ppm Sl. stained (Blk) - organic?			
16	50%	SC	SLOUGH @ 16.0' DK Grey F-Med Sand w/ 10% clay 8% silt. 10% F-gravel			
20		TD	@ 17.0' - 20% F-Crs Sub R gravel			
			• SB-10-6.0 @ 1120 PID=10.0			
			• SB-10-11.5 @ 1125 PID=20.0			
			• SB-10-6.0 @ 1150			

Well Permit No.: SB-10  
 Date well drilled: 5/5/06  
 Date water level measured: 5/5/06  
 Well elevation: NA

Drilling Company: Gregg  
 Driller: \_\_\_\_\_  
 Sampling Method: D.P. Grabs  
 Hammer Weight: PVC Liners

Sketch of Well Location:  
  
 SB-10  
 Pink-Equip Area (Surface runoff from equip wash)  
 (Northern most SB)

LF Geologist/Engineer: JST QA by KMS

FIELD LOG OF WELL CONSTRUCTION AND LITHOLOGY FOR

Project No. Hason Sump 001-09480-00

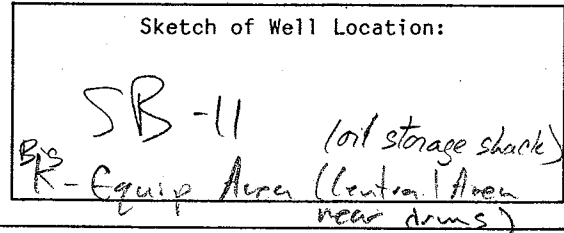
**LEVINE-FRICKE**  
 CONSULTING ENGINEERS AND HYDROGEOLOGISTS

Depth, feet	WELL CONSTRUCTION		LITHOLOGY		SAMPLE DATA	
	Type of Security:	Graphic Log	Description	Start	Stop	NUMBER INTERVAL PENETRATION RATE (Blows/ft.)
4		SP-SM	75%	Start = 1205 @ 2.0' V.F. Sand. (Same as SB-10) L grey flint PID = 1-1 @ B/0/s	1205	
8		SM	75%	@ 5.0' - Refusal moved 2.0' (South Toward Steel) @ 6.0' DK Brn F-Med Sand (Same as SB-10) L PID = 2.5		@ 1210 @ 1220
12		SC	50%	@ 9.0' DK Grey F-Med Sand w/ 15% clay 10% silt PID = 10.2 B/0/s wet.		10% wood frag (preserved) 10% F-Med gravel, mostly st/let.
16			25%	sl. piece of asphalt.		
20		TD	0%			
				<ul style="list-style-type: none"> <li>o SB-11-6.0 @ 1220 PID=2.5</li> <li>o SB-11-9.5 @ 1225 PID=10.2</li> <li>o SB-11-GW @ 1240</li> </ul>		

Well Permit No.: SB-11  
 Date well drilled: 5/5/06  
 Date water level measured: 5/5/06  
 Well elevation: NA

Drilling Company: Gregg  
 Driller: \_\_\_\_\_  
 Sampling Method: P.P. Grab  
 Hammer Weight: PVC liners

LF Geologist/Engineer: JSI QA by WMS



FIELD LOG OF WELL CONSTRUCTION AND LITHOLOGY FOR

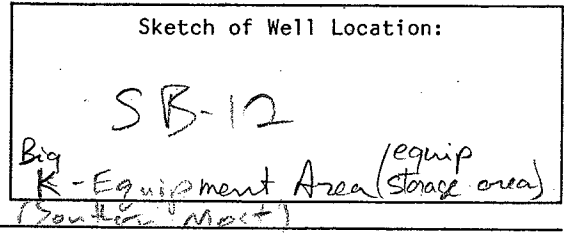
Project No. Hanson Snd 001-09480-00

**LEVINE-FRICKE**  
 CONSULTING ENGINEERS AND HYDROGEOLOGISTS

Depth, feet	WELL CONSTRUCTION		LITHOLOGY		SAMPLE DATA	
	Type of Security:	Graphic Log	Description	NUMBER	INTERVAL	PENETRATION RATE (Blows/ft.)
0		100% $\begin{matrix} \text{P-} \\ \text{SM} \end{matrix}$	Start = 1255 Stop = 1330 F.S. d w/ 10% silt, 5% clay 20% Sub R. Gravel PID @ 10/15 = <span style="border: 1px solid black; padding: 2px;">SB-12-4.0' @ 1300</span> PID = 5.0 ppmv			
2						
6		75% $\begin{matrix} \text{P-} \\ \text{SM} \end{matrix}$	wet: @ ~ 6.0' wet.			
8						
12		100%				
16		25%	[ DTBC @ 12.0' Screened 2-12.0' bgl DTBC @ 16.0' Screened 6-16.0' bgl (B/c had trouble w/ water) - SAAB			
16'		TS	o SB-12-4.0' @ 1300 PID = 5.0 ppmv o SB-12-6.0' @ 1315			

Well Permit No.: SB-12  
 Date well drilled: 5/5/06  
 Date water level measured: 5/5/06  
 Well elevation: NA

Drilling Company: Gregg  
 Driller: \_\_\_\_\_  
 Sampling Method: D.P. Grab  
 Hammer Weight: PVC liners



LF Geologist/Engineer: JST QA by KMS

FIELD LOG OF WELL CONSTRUCTION AND LITHOLOGY FOR

Project No. Hanson, Sma1 001-09480-00

**LEVINE-FRICKE**  
 CONSULTING ENGINEERS AND HYDROGEOLOGISTS

## **APPENDIX B**

### **Laboratory-Certified Analytical Reports**



18 July 2007

Katrin Schliewen  
LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville, CA 94608-1827  
RE: Hanson, Sunol

Enclosed are the results of analyses for samples received by the laboratory on 05/06/06 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "John J. Shepler". The signature is written in a cursive style with a large initial "J" and a distinct "S".

John Shepler  
Laboratory Director

LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:19

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-7-GW	T600613-07	Water	05/05/06 08:45	05/06/06 09:00
SB-8-GW	T600613-08	Water	05/05/06 09:35	05/06/06 09:00
SB-9-GW	T600613-09	Water	05/05/06 10:30	05/06/06 09:00
SB-10-GW	T600613-10	Water	05/05/06 11:50	05/06/06 09:00
SB-11-GW	T600613-11	Water	05/05/06 12:40	05/06/06 09:00
SB-12-GW	T600613-12	Water	05/05/06 13:15	05/06/06 09:00
Y-SUMP-5/5/06	T600613-13	Water	05/05/06 14:00	05/06/06 09:00

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-7-GW**  
**T600613-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	50	ug/l	1	6050814	05/08/06	05/11/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		69.3 %	65-135		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	0.050	mg/l	1	6050807	05/08/06	05/10/06	EPA 8015m	
C29-C40 (MORO)	ND	0.050	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-7-GW**  
**T600613-07 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

trans-1,3-Dichloropropene	ND	0.50	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>	<i>83.5-119</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>113 %</i>	<i>81.1-136</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>100 %</i>	<i>88.8-117</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-8-GW**  
**T600613-08 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	50	ug/l	1	6050814	05/08/06	05/11/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>90.3 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	0.050	mg/l	1	6050807	05/08/06	05/10/06	EPA 8015m	
C29-C40 (MORO)	ND	0.050	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-8-GW**  
**T600613-08 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

Surrogate: 4-Bromofluorobenzene	102 %	83.5-119	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	112 %	81.1-136	"	"	"	"	"	"	
Surrogate: Toluene-d8	103 %	88.8-117	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-9-GW**  
**T600613-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	50	ug/l	1	6050814	05/08/06	05/10/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		87.2 %	65-135		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	0.050	mg/l	1	6050807	05/08/06	05/10/06	EPA 8015m	
C29-C40 (MORO)	ND	0.050	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-9-GW**  
**T600613-09 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

Surrogate: 4-Bromofluorobenzene	107 %	83.5-119	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	109 %	81.1-136	"	"	"	"	"	"	
Surrogate: Toluene-d8	102 %	88.8-117	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director



LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-10-GW**  
**T600613-10 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	50	ug/l	1	6050814	05/08/06	05/11/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>74.2 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	0.050	mg/l	1	6050807	05/08/06	05/10/06	EPA 8015m	
C29-C40 (MORO)	ND	0.050	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-10-GW**  
**T600613-10 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>102 %</i>	<i>83.5-119</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>119 %</i>	<i>81.1-136</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>102 %</i>	<i>88.8-117</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-11-GW**  
**T600613-11 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	50	ug/l	1	6050814	05/08/06	05/10/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>75.8 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	0.050	mg/l	1	6050807	05/08/06	05/10/06	EPA 8015m	
C29-C40 (MORO)	ND	0.050	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-11-GW**  
**T600613-11 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>108 %</i>	<i>83.5-119</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>112 %</i>	<i>81.1-136</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>105 %</i>	<i>88.8-117</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-12-GW**  
**T600613-12 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	50	ug/l	1	6050814	05/08/06	05/11/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>70.8 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	0.050	mg/l	1	6050807	05/08/06	05/10/06	EPA 8015m	
C29-C40 (MORO)	ND	0.050	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**SB-12-GW**  
**T600613-12 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	

Surrogate: 4-Bromofluorobenzene	104 %	83.5-119	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	111 %	81.1-136	"	"	"	"	"	"	
Surrogate: Toluene-d8	103 %	88.8-117	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**Y-SUMP-5/5/06**  
**T600613-13 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	50	ug/l	1	6050814	05/08/06	05/11/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>74.7 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	0.050	mg/l	1	6050807	05/08/06	05/10/06	EPA 8015m	
C29-C40 (MORO)	ND	0.050	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.50	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Chloromethane	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.50	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**Y-SUMP-5/5/06**  
**T600613-13 (Water)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	1.0	ug/l	1	6050813	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
Methylene chloride	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	0.50	"	"	"	"	"	"	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
m,p-Xylene	ND	1.0	"	"	"	"	"	"	
o-Xylene	ND	0.50	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>103 %</i>	<i>83.5-119</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>115 %</i>	<i>81.1-136</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>104 %</i>	<i>88.8-117</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director



LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:19

**Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050814 - EPA 5030 GC**

**Blank (6050814-BLK1)**

Prepared: 05/08/06 Analyzed: 05/10/06

Surrogate: 4-Bromofluorobenzene	43.3		ug/l	50.0		86.6	65-135			
C6-C12 (GRO)	ND	50	"							

**LCS (6050814-BS1)**

Prepared: 05/08/06 Analyzed: 05/11/06

Surrogate: 4-Bromofluorobenzene	42.2		ug/l	50.0		84.3	65-135			
C6-C12 (GRO)	5130	50	"	5500		93.2	75-125			

**Matrix Spike (6050814-MS1)**

Source: T600613-03

Prepared: 05/08/06 Analyzed: 05/11/06

Surrogate: 4-Bromofluorobenzene	42.4		ug/l	50.0		84.7	65-135			
C6-C12 (GRO)	5330	50	"	5500		96.8	65-135			

**Matrix Spike Dup (6050814-MSD1)**

Source: T600613-03

Prepared: 05/08/06 Analyzed: 05/11/06

Surrogate: 4-Bromofluorobenzene	43.8		ug/l	50.0		87.5	65-135			
C6-C12 (GRO)	5570	50	"	5500		101	65-135	4.58	20	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:19

**Extractable Petroleum Hydrocarbons by 8015m - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6050807 - EPA 3510C GC</b>										
<b>Blank (6050807-BLK1)</b> Prepared: 05/08/06 Analyzed: 05/10/06										
C13-C28 (DRO)	ND	0.10	mg/l							
C29-C40 (MORO)	ND	0.10	"							
<b>LCS (6050807-BS1)</b> Prepared: 05/08/06 Analyzed: 05/10/06										
C13-C28 (DRO)	41.5	0.10	mg/l	40.0		104	75-125			
<b>Matrix Spike (6050807-MS1)</b> Source: T600610-01 Prepared: 05/08/06 Analyzed: 05/10/06										
C13-C28 (DRO)	40.6	0.10	mg/l	40.0	ND	101	75-125			
<b>Matrix Spike Dup (6050807-MSD1)</b> Source: T600610-01 Prepared: 05/08/06 Analyzed: 05/10/06										
C13-C28 (DRO)	42.5	0.10	mg/l	40.0	ND	106	75-125	4.61	20	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050813 - EPA 5030 GCMS**

**Blank (6050813-BLK1)**

Prepared & Analyzed: 05/08/06

Surrogate: 4-Bromofluorobenzene	43.6		ug/l	40.0		109	83.5-119			
Surrogate: Dibromofluoromethane	42.7		"	40.0		107	81.1-136			
Surrogate: Toluene-d8	42.2		"	40.0		106	88.8-117			
Bromobenzene	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Bromoform	ND	1.0	"							
Bromomethane	ND	1.0	"							
n-Butylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
Carbon tetrachloride	ND	0.50	"							
Chlorobenzene	ND	1.0	"							
Chloroethane	ND	1.0	"							
Chloroform	ND	1.0	"							
Chloromethane	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
Dibromomethane	ND	1.0	"							
1,2-Dichlorobenzene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							
Dichlorodifluoromethane	ND	0.50	"							
1,1-Dichloroethane	ND	1.0	"							
1,2-Dichloroethane	ND	0.50	"							
1,1-Dichloroethene	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
cis-1,3-Dichloropropene	ND	0.50	"							
trans-1,3-Dichloropropene	ND	0.50	"							
Hexachlorobutadiene	ND	1.0	"							
Isopropylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
Methylene chloride	ND	1.0	"							

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050813 - EPA 5030 GCMS**

**Blank (6050813-BLK1)**

Prepared & Analyzed: 05/08/06

Naphthalene	ND	1.0	ug/l
n-Propylbenzene	ND	1.0	"
Styrene	ND	1.0	"
1,1,2,2-Tetrachloroethane	ND	1.0	"
1,1,1,2-Tetrachloroethane	ND	1.0	"
Tetrachloroethene	ND	1.0	"
1,2,3-Trichlorobenzene	ND	1.0	"
1,2,4-Trichlorobenzene	ND	1.0	"
1,1,2-Trichloroethane	ND	1.0	"
1,1,1-Trichloroethane	ND	1.0	"
Trichloroethene	ND	1.0	"
Trichlorofluoromethane	ND	1.0	"
1,2,3-Trichloropropane	ND	1.0	"
1,3,5-Trimethylbenzene	ND	1.0	"
1,2,4-Trimethylbenzene	ND	1.0	"
Vinyl chloride	ND	0.50	"
Benzene	ND	0.50	"
Toluene	ND	0.50	"
Ethylbenzene	ND	0.50	"
m,p-Xylene	ND	1.0	"
o-Xylene	ND	0.50	"
Tert-amyl methyl ether	ND	2.0	"
Tert-butyl alcohol	ND	10	"
Di-isopropyl ether	ND	2.0	"
Ethyl tert-butyl ether	ND	2.0	"
Methyl tert-butyl ether	ND	1.0	"

**LCS (6050813-BS1)**

Prepared: 05/08/06 Analyzed: 05/09/06

Surrogate: 4-Bromofluorobenzene	40.8		ug/l	40.0	102	83.5-119
Surrogate: Dibromofluoromethane	46.8		"	40.0	117	81.1-136
Surrogate: Toluene-d8	40.9		"	40.0	102	88.8-117
Chlorobenzene	110	1.0	"	100	110	75-125
1,1-Dichloroethene	109	1.0	"	100	109	75-125
Trichloroethene	119	1.0	"	100	119	75-125
Benzene	116	0.50	"	100	116	75-125
Toluene	116	0.50	"	100	116	75-125

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:19

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050813 - EPA 5030 GCMS**

**Matrix Spike (6050813-MS1)**

**Source: T600613-03**

Prepared: 05/08/06 Analyzed: 05/09/06

Surrogate: 4-Bromofluorobenzene	40.4		ug/l	40.0		101	83.5-119			
Surrogate: Dibromofluoromethane	45.7		"	40.0		114	81.1-136			
Surrogate: Toluene-d8	39.9		"	40.0		99.7	88.8-117			
Chlorobenzene	120	1.0	"	100		120	75-125			
1,1-Dichloroethene	115	1.0	"	100		115	75-125			
Trichloroethene	112	1.0	"	100		112	75-125			
Benzene	117	0.50	"	100		117	75-125			
Toluene	117	0.50	"	100		117	75-125			

**Matrix Spike Dup (6050813-MSD1)**

**Source: T600613-03**

Prepared: 05/08/06 Analyzed: 05/09/06

Surrogate: 4-Bromofluorobenzene	40.7		ug/l	40.0		102	83.5-119			
Surrogate: Dibromofluoromethane	46.5		"	40.0		116	81.1-136			
Surrogate: Toluene-d8	39.8		"	40.0		99.4	88.8-117			
Chlorobenzene	121	1.0	"	100		121	75-125	1.12	20	
1,1-Dichloroethene	112	1.0	"	100		112	75-125	2.73	20	
Trichloroethene	115	1.0	"	100		115	75-125	2.08	20	
Benzene	118	0.50	"	100		118	75-125	0.605	20	
Toluene	119	0.50	"	100		119	75-125	1.49	20	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:19

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

18 July 2007

Katrin Schliewen  
LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville, CA 94608-1827  
RE: Hanson, Sunol

Enclosed are the results of analyses for samples received by the laboratory on 05/06/06 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "John J. Shepler". The signature is written in a cursive style with a large initial "J" and a distinct "S".

John Shepler  
Laboratory Director

LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:23

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-7-2.0	T600614-11	Soil	05/05/06 08:15	05/06/06 09:00
SB-8-2.0	T600614-13	Soil	05/05/06 09:05	05/06/06 09:00
SB-9-2.0	T600614-15	Soil	05/05/06 10:00	05/06/06 09:00
SB-10-6.0	T600614-18	Soil	05/05/06 11:20	05/06/06 09:00
SB-11-6.0	T600614-20	Soil	05/05/06 12:20	05/06/06 09:00
SB-12-4.0	T600614-22	Soil	05/05/06 12:25	05/06/06 09:00

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director



LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-7-2.0**  
**T600614-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	500	ug/kg	1	6050811	05/08/06	05/10/06	EPA 8015m	
Surrogate: 4-Bromofluorobenzene		85.4 %	65-135		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	10	mg/kg	1	6050809	05/08/06	05/09/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-7-2.0**  
**T600614-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

trans-1,3-Dichloropropene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Hexachlorobutadiene	ND	2.0	"	"	"	"	"	"	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>101 %</i>	<i>81.2-123</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>131 %</i>	<i>95.7-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>93.0 %</i>	<i>85.5-116</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-8-2.0**  
**T600614-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	500	ug/kg	1	6050811	05/08/06	05/11/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>72.2 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	10	mg/kg	1	6050809	05/08/06	05/09/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-8-2.0**  
**T600614-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>113 %</i>	<i>81.2-123</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Dibromofluoromethane</i>		<i>129 %</i>	<i>95.7-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>99.5 %</i>	<i>85.5-116</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-9-2.0**  
**T600614-15 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	500	ug/kg	1	6050811	05/08/06	05/10/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>80.0 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	10	mg/kg	1	6050809	05/08/06	05/09/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-9-2.0**  
**T600614-15 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	

Surrogate: 4-Bromofluorobenzene	116 %	81.2-123	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	128 %	95.7-135	"	"	"	"	"	"	
Surrogate: Toluene-d8	96.8 %	85.5-116	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-10-6.0**  
**T600614-18 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	500	ug/kg	1	6050811	05/08/06	05/10/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>67.7 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	10	mg/kg	1	6050809	05/08/06	05/09/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-10-6.0**  
**T600614-18 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	81.2-123		"	"	"	"	
Surrogate: Dibromofluoromethane		131 %	95.7-135		"	"	"	"	
Surrogate: Toluene-d8		103 %	85.5-116		"	"	"	"	

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John Shepler, Laboratory Director



LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-11-6.0**  
**T600614-20 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	500	ug/kg	1	6050811	05/08/06	05/10/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>78.7 %</i>	<i>65-135</i>		<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	10	mg/kg	1	6050809	05/08/06	05/09/06	EPA 8015m	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-11-6.0**  
**T600614-20 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	

Surrogate: 4-Bromofluorobenzene	111 %	81.2-123	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	123 %	95.7-135	"	"	"	"	"	"	
Surrogate: Toluene-d8	103 %	85.5-116	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-12-4.0**  
**T600614-22 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Purgeable Petroleum Hydrocarbons by EPA 8015m**

C6-C12 (GRO)	ND	500	ug/kg	1	6050811	05/08/06	05/10/06	EPA 8015m	
<i>Surrogate: 4-Bromofluorobenzene</i>		78.3 %	65-135		"	"	"	"	

**Extractable Petroleum Hydrocarbons by 8015m**

C13-C28 (DRO)	ND	10	mg/kg	1	6050809	05/08/06	05/09/06	EPA 8015m	
<b>C29-C40 (MORO)</b>	<b>280</b>	10	"	"	"	"	"	"	

**Volatile Organic Compounds by EPA Method 8260B**

Bromobenzene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Bromochloromethane	ND	2.0	"	"	"	"	"	"	
Bromodichloromethane	ND	2.0	"	"	"	"	"	"	
Bromoform	ND	2.0	"	"	"	"	"	"	
Bromomethane	ND	2.0	"	"	"	"	"	"	
n-Butylbenzene	ND	2.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	2.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	2.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.0	"	"	"	"	"	"	
Chlorobenzene	ND	2.0	"	"	"	"	"	"	
Chloroethane	ND	2.0	"	"	"	"	"	"	
Chloroform	ND	2.0	"	"	"	"	"	"	
Chloromethane	ND	2.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	2.0	"	"	"	"	"	"	
Dibromochloromethane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	2.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	"	"	
Dibromomethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	2.0	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	2.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	2.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	2.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	2.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	2.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	2.0	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**SB-12-4.0**  
**T600614-22 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

Hexachlorobutadiene	ND	2.0	ug/kg	1	6050812	05/08/06	05/09/06	EPA 8260B	
Isopropylbenzene	ND	2.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	2.0	"	"	"	"	"	"	
Methylene chloride	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	2.0	"	"	"	"	"	"	
n-Propylbenzene	ND	2.0	"	"	"	"	"	"	
Styrene	ND	2.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	2.0	"	"	"	"	"	"	
Tetrachloroethene	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	2.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	2.0	"	"	"	"	"	"	
Trichloroethene	ND	2.0	"	"	"	"	"	"	
Trichlorofluoromethane	ND	2.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2.0	"	"	"	"	"	"	
Vinyl chloride	ND	2.0	"	"	"	"	"	"	
Benzene	ND	2.0	"	"	"	"	"	"	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	ND	2.0	"	"	"	"	"	"	
m,p-Xylene	ND	4.0	"	"	"	"	"	"	
o-Xylene	ND	2.0	"	"	"	"	"	"	

Surrogate: 4-Bromofluorobenzene	105 %	81.2-123	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	135 %	95.7-135	"	"	"	"	"	"	
Surrogate: Toluene-d8	102 %	85.5-116	"	"	"	"	"	"	

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:23

**Purgeable Petroleum Hydrocarbons by EPA 8015m - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050811 - EPA 5030 GC**

**Blank (6050811-BLK1)**

Prepared: 05/08/06 Analyzed: 05/10/06

Surrogate: 4-Bromofluorobenzene	99.8		ug/kg	125		79.8	65-135			
C6-C12 (GRO)	ND	500	"							

**LCS (6050811-BS1)**

Prepared: 05/08/06 Analyzed: 05/10/06

Surrogate: 4-Bromofluorobenzene	120		ug/kg	125		95.7	65-135			
C6-C12 (GRO)	13500	500	"	13800		98.2	75-125			

**LCS Dup (6050811-BSD1)**

Prepared: 05/08/06 Analyzed: 05/11/06

Surrogate: 4-Bromofluorobenzene	113		ug/kg	125		90.1	65-135			
C6-C12 (GRO)	13600	500	"	13800		98.6	75-125	0.436	20	

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John Shepler, Laboratory Director

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1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:23

**Extractable Petroleum Hydrocarbons by 8015m - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050809 - EPA 3550B GC**

**Blank (6050809-BLK1)**

Prepared: 05/08/06 Analyzed: 05/09/06

C13-C28 (DRO)	ND	10	mg/kg							
C29-C40 (MORO)	ND	10	"							

**LCS (6050809-BS1)**

Prepared: 05/08/06 Analyzed: 05/09/06

C13-C28 (DRO)	530	10	mg/kg	500		105	75-125			
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LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050812 - EPA 5030 GCMS**

**Blank (6050812-BLK1)**

Prepared: 05/08/06 Analyzed: 05/09/06

Surrogate: 4-Bromofluorobenzene	106		ug/kg	100		106	81.2-123			
Surrogate: Dibromofluoromethane	120		"	100		120	95.7-135			
Surrogate: Toluene-d8	95.2		"	100		95.2	85.5-116			
Bromobenzene	ND	2.0	"							
Bromochloromethane	ND	2.0	"							
Bromodichloromethane	ND	2.0	"							
Bromoform	ND	2.0	"							
Bromomethane	ND	2.0	"							
n-Butylbenzene	ND	2.0	"							
sec-Butylbenzene	ND	2.0	"							
tert-Butylbenzene	ND	2.0	"							
Carbon tetrachloride	ND	2.0	"							
Chlorobenzene	ND	2.0	"							
Chloroethane	ND	2.0	"							
Chloroform	ND	2.0	"							
Chloromethane	ND	2.0	"							
2-Chlorotoluene	ND	2.0	"							
4-Chlorotoluene	ND	2.0	"							
Dibromochloromethane	ND	2.0	"							
1,2-Dibromo-3-chloropropane	ND	2.0	"							
1,2-Dibromoethane (EDB)	ND	2.0	"							
Dibromomethane	ND	2.0	"							
1,2-Dichlorobenzene	ND	2.0	"							
1,3-Dichlorobenzene	ND	2.0	"							
1,4-Dichlorobenzene	ND	2.0	"							
Dichlorodifluoromethane	ND	2.0	"							
1,1-Dichloroethane	ND	2.0	"							
1,2-Dichloroethane	ND	2.0	"							
1,1-Dichloroethene	ND	2.0	"							
cis-1,2-Dichloroethene	ND	2.0	"							
trans-1,2-Dichloroethene	ND	2.0	"							
1,2-Dichloropropane	ND	2.0	"							
1,3-Dichloropropane	ND	2.0	"							
2,2-Dichloropropane	ND	2.0	"							
1,1-Dichloropropene	ND	2.0	"							
cis-1,3-Dichloropropene	ND	2.0	"							
trans-1,3-Dichloropropene	ND	2.0	"							
Hexachlorobutadiene	ND	2.0	"							
Isopropylbenzene	ND	2.0	"							
p-Isopropyltoluene	ND	2.0	"							
Methylene chloride	ND	2.0	"							

SunStar Laboratories, Inc.

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John Shepler, Laboratory Director

LFR Inc. -- Emeryville  
 1900 Powell Street, 12th Floor  
 Emeryville CA, 94608-1827

Project: Hanson, Sunol  
 Project Number: 001-09480-00  
 Project Manager: Katrin Schliewen

**Reported:**  
 07/18/07 15:23

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050812 - EPA 5030 GCMS**

**Blank (6050812-BLK1)**

Prepared: 05/08/06 Analyzed: 05/09/06

Naphthalene	ND	2.0	ug/kg							
n-Propylbenzene	ND	2.0	"							
Styrene	ND	2.0	"							
1,1,2,2-Tetrachloroethane	ND	2.0	"							
1,1,1,2-Tetrachloroethane	ND	2.0	"							
Tetrachloroethene	ND	2.0	"							
1,2,3-Trichlorobenzene	ND	2.0	"							
1,2,4-Trichlorobenzene	ND	2.0	"							
1,1,2-Trichloroethane	ND	2.0	"							
1,1,1-Trichloroethane	ND	2.0	"							
Trichloroethene	ND	2.0	"							
Trichlorofluoromethane	ND	2.0	"							
1,2,3-Trichloropropane	ND	2.0	"							
1,3,5-Trimethylbenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	2.0	"							
Vinyl chloride	ND	2.0	"							
Benzene	ND	2.0	"							
Toluene	ND	2.0	"							
Ethylbenzene	ND	2.0	"							
m,p-Xylene	ND	4.0	"							
o-Xylene	ND	2.0	"							

**LCS (6050812-BS1)**

Prepared: 05/08/06 Analyzed: 05/10/06

Surrogate: 4-Bromofluorobenzene	112		ug/kg	100	112	81.2-123
Surrogate: Dibromofluoromethane	131		"	100	131	95.7-135
Surrogate: Toluene-d8	106		"	100	106	85.5-116
Chlorobenzene	250	2.0	"	250	100	75-125
1,1-Dichloroethene	254	2.0	"	250	102	75-125
Trichloroethene	262	2.0	"	250	105	75-125
Benzene	258	2.0	"	250	103	75-125
Toluene	260	2.0	"	250	104	75-125

SunStar Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



John Shepler, Laboratory Director



LFR Inc. -- Emeryville  
1900 Powell Street, 12th Floor  
Emeryville CA, 94608-1827

Project: Hanson, Sunol  
Project Number: 001-09480-00  
Project Manager: Katrin Schliewen

**Reported:**  
07/18/07 15:23

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**

**SunStar Laboratories, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6050812 - EPA 5030 GCMS**

**LCS Dup (6050812-BSD1)**

Prepared: 05/08/06 Analyzed: 05/10/06

Surrogate: 4-Bromofluorobenzene	112		ug/kg	100		112	81.2-123			
Surrogate: Dibromofluoromethane	113		"	100		113	95.7-135			
Surrogate: Toluene-d8	108		"	100		108	85.5-116			
Chlorobenzene	265	2.0	"	250		106	75-125	5.57	20	
1,1-Dichloroethene	239	2.0	"	250		95.4	75-125	6.30	20	
Trichloroethene	244	2.0	"	250		97.8	75-125	6.85	20	
Benzene	251	2.0	"	250		100	75-125	2.90	20	
Toluene	251	2.0	"	250		100	75-125	3.64	20	

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**Reported:**  
07/18/07 15:23

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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