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1:24 pm, Jul 05, 2007

Alameda County Environmental Health

Mr. Barney Chan Alameda County Department of Environmental Health 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502

SOIL VAPOR EXTRACTION REMEDIATION REPORT SUBJECT: (OCTOBER 2006 THROUGH FEBRUARY 2007) CERTIFICATION Fuel Leak Case RO0000337 California Linen Rental Company 989 41st Street Oakland, CA

Dear Mr. Chan:

May 14, 2007

You will find enclosed one copy of the following document prepared by RGA Environmental, Inc.

Soil Vapor Extraction Remediation Report dated May 14, 2007 (document 0304.R6).

I declare, under penalty of perjury, that the information and/or recommendations contained in the above-mentioned report for the subject site is true and correct to the best of my knowledge.

Should you have any questions, please do not hesitate to call me at (510) 653-6300.

Cordially. California Linen Supply Co.

maller Donald J. Miller

President

Joel C. Pitney, California Linen Rental Company cc: 🖌 LeRoy Griffin, Oakland Fire Department, Office of Emergency Services, 250 Frank Ogawa Plaza, Suite 3341, Oakland, CA 94612

0304.L50



May 14, 2007 Report 0304.R6 RGA Job # CLR12293

Mr. Joel Pitney California Linen Rental Company 989 41st Street Oakland, CA 94608

SUBJECT: SOIL VAPOR REMEDIATION REPORT Fuel Leak Case RO0000337 California Linen Rental Company 989 41st Street

Oakland, CA

Dear Mr. Pitney:

RGA Environmental, Inc. (RGA) is pleased to present this report documenting the ongoing soil vapor remediation at the subject site. Soil vapor remediation activities have been ongoing since October 12, 2006. This work was approved by Barney Chan of the Alameda County Department of Environmental Health (ACDEH) in a letter dated July 13, 2006. Figures showing the Radius of Influence (Figures 1 through 4), Hydrocarbon Extraction by Concentration (Figures 5 through 8), and Hydrocarbon Removed (in pounds - Figure 9) are included with this report.

BACKGROUND

The site is currently used as a linen cleaning facility. Review of available documents for the site show that on February 6 through 8, 1989 three Underground Storage Tanks (USTs) were removed from the site by Miller Environmental Company (MEC). The tanks consisted of one 10,000 gallon tank containing gasoline, one 550 gallon tank containing gasoline, and one 2,500 gallon capacity tank containing #5 fuel oil. Each tank was in a separate pit. Petroleum hydrocarbons were detected in each of the pits at the time of tank removal. Figure 2 shows the tank locations at the site. A UST Unauthorized Release Site Report was completed by Mr. Gil Wistar of the ACDEH dated February 9, 1989. In a letter dated February 23, 1989 the ACDEH requested a preliminary assessment of the site. In a letter dated July 7, 1989 the ACDEH approved a revised work plan for subsurface investigation at the site that included installation of three groundwater monitoring wells.

Three monitoring wells, designated as MW1, MW2, and MW3 were installed at the site by MEC on September 25, 1989. One well was installed adjacent to each of the tank pits. Soil samples were collected for laboratory analysis from the boreholes for the monitoring wells at

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depths of 4 and 8 feet below the ground surface. The samples were analyzed for Total Petroleum Hydrocarbons as Gasoline (TPH-G), Total Petroleum Hydrocarbons as Diesel (TPH-D), Total Petroleum Hydrocarbons as Motor Oil (TPH-MO) and for benzene, toluene, ethylbenzene, and xylenes (BTEX). All target analytes were detected in the soil sample from the borehole for MW1 at a depth of 4 feet below the ground surface. None of the analytes were detected in the other soil samples from the monitoring well boreholes, except for 190 mg/kg oil in the sample from MW2 collected at a depth of 4 feet.

Two subsurface investigations have been completed in the vicinity of the site, with groundwater monitoring wells located approximately 250 feet to the west and slightly north of the subject site. The investigations are for the Kozel property (located to the north of 41^{st} Street) and the Dunne Paints property (located to the south of 41^{st} Street).

A 300 gallon capacity UST believed to have contained diesel fuel was removed from the subject site on December 12, 2006 by RGA Environmental, Inc. More detailed background information can be found in our upcoming Subsurface Investigation and Well Installation Report (0304.R5).

FIELD ACTIVITIES

From October 12 through the date of this report, Cal Clean, Inc. has been performing a dual phase extraction (DPE) event on several onsite wells using a low-noise, truck-mounted 450-CFM high-vacuum liquid ring blower, along with a Bay Area Air Quality Management District (BAAQMD) various-locations-permitted propane-fired thermal oxidizer (Plant No. 12568). The total system has operated in general at flow rates of 200 to 250 standard cubic feet per minute (scfm) with vacuums of 13 to 15 inches of mercury (in Hg). Individual well flow rates range from approximately 25 to 75 scfm. Operating principles and procedures are described below.

Using DPE, a vacuum is applied to a well, and extracted hydrocarbon vapors are treated with a burner (thermal oxidizer) prior to exit to the atmosphere. The hydrocarbon vapor concentration is monitored with a Horiba detector at the inlet to the thermal oxidizer prior to the hydrocarbon vapors being burned. Vapor samples are periodically collected at the burner inlet into Tedlar bags and analyzed at a laboratory for comparison with the Horiba detector results.

The large peak at initial startup (Figure 5) shows that variable total hydrocarbon concentrations were encountered during the initial evaluation of individual wells. The decline of the peak coincides with manifolding of the wells for extraction from multiple locations. The hydrocarbon concentration data have been compiled in High Vacuum Dual Phase Extraction and Treatment Event Reports issued monthly between December 2006 and April 2007, with weekly updates. The monthly Event Reports are presented in Appendix A. The Horiba Values Data is discussed below.

VACUUM EXTRACTION RADIUS OF INFLUENCE EVALUATION

Following initial evaluation of individual wells for vacuum and initial vapor hydrocarbon concentrations, multiple wells were manifolded together and vacuum was simultaneously applied to the different wells. The resulting vacuum that would occur in one well when vacuum was applied to other well(s) (Figures 1-4), along with distance in feet between the individual wells (Table 1) was used to determine the radius of influence. The resulting vacuums, shown in Figures 1-4, indicate a good subsurface connection between the various extraction points and the surrounding materials, and a very good radius of influence.

LABORATORY ANALYSIS

The air samples collected from each extraction well and combined influent samples were analyzed for Total Petroleum Hydrocarbons as Gasoline using EPA Method 8015B; and for MTBE, benzene, toluene, ethylbenzene, and xylenes (MBTEX) by EPA Method 8021B.

The laboratory analytical results of the combined effluent air samples collected in Tedlar bags show that TPH-G was detected at concentrations ranging from 106 to 6,580 Vppm (Parts per million by Volume). Methyl Tertiary Butyl Ether, Benzene, and Ethylbenzene were detected at concentrations ranging from < 0.10 to 168, 0.10 to 63, and 0.46 to 75 Vppm, respectively. Toluene and total Xylenes were detected at concentrations of 0.58 to 139 and 0.50 to 278 Vppm, respectively. Laboratory results for the Tedlar bag air samples are summarized in Table 2, and the combined air-sample results are plotted graphically in Figure 5.

HORIBA VALUES AND HYDROCARBON REMOVAL

Review of the Horiba Hydrocarbon Concentrations data shows that vapor concentrations declined from an average of approximately 2,500 Vppm (Parts per million by Volume), in the first three weeks (October 12 through November 1, 2006) of remediation, to an average of approximately 1,700 Vppm in the second three weeks (November 2 - 22, 2006) of remediation. The data also supports a continuing decline in vapor concentration through the next three weeks (November 23 through December 13, 2006) to an average of approximately 1,500 Vppm. The vapor concentration continued to decline to a weekly average of approximately 218 Vppm for the week of March 12 through March 19, 2007. The DPE system was turned off from March 20 through April 1, 2007 to allow rebound of vapor and to set up the system on the newly installed extraction wells E-4, E-8, and E-9; it has continued in operation from April 2, 2007 to the present. A comparison of the Tedlar bag laboratory data and Horiba values shows a good correlation (Figure 5). Figures 6 and 7 show the times when vapor extraction was performed at each of the wells. Figure 8 shows total inlet concentrations over time for the entire period between October 12, 2006 and May 14, 2007.

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DISCUSSION AND RECOMMENDATIONS

Based on the results of the analysis of the Tedlar bag samples in conjunction with the data from the Horiba detector, RGA recommends that interim remediation by vapor extraction continue to be performed at the site and the results evaluated.

DISTRIBUTION

A copy of this report will be uploaded to the ACDEH website, in accordance with ACDEH requirements. In addition, a copy of this report will be uploaded to the GeoTracker database. In addition, a copy of this report should be sent to Mr. LeRoy Griffin at the City of Oakland Fire Department.

LIMITATIONS

This report was prepared solely for the use of California Linen Rental Company. The content and conclusions provided by RGA in this assessment are based on information collected during our investigation, which may include, but not be limited to, visual site inspections; interviews with the site owner, regulatory agencies and other pertinent individuals; review of available public documents; subsurface exploration and our professional judgment based on said information at the time of preparation of this document.

This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. RGA is not responsible for the accuracy or completeness of information provided by other individuals or entities which is used in this report. This report presents our professional judgment based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

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Should you have any questions, please do not hesitate to contact us at (510) 658-4363.

Sincerely,

RGA Environmental, Inc.

David M. Gibbs, P.G. Professional Geologist #7804 Expires: 2/28/09

Karin Schroeter Project Manager

ATTACHMENTS

Tables 1 & 2

Figures 1-4: Site Vicinity Maps Showing Radius of Influence

Figure 5: Total Inlet Hydrocarbon Concentrations Versus Time (60 days) with Lab Results Superimposed

Figure 6: Vapor Extraction for Extraction Wells E1, E2, and E3

Figure 7: Vapor Extraction for Extraction Wells E6 and E7 and Monitoring Well MW1

Figure 8: Total Inlet HC Concentrations vs. Time (200 Days)

Figure 9: Cumulative HC Recovered over 200 Days

Appendix A: Cal Clean High Vacuum Dual Phase Extraction and Treatment Event Reports, December 2006 through April 2007.

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TABLES

TABLE 1 SUMMARY OF DISTANCE BETWEEN WELLS FOR RADIUS OF INFLUENCE DETERMINATION

Distance in feet	Distance Measured
19	From MW1 to E6
40	From MW1 to E1
10	From MW1 to E2
65	From E3 to E1
34	From E3 to E2
24	From E3 to MW1
51	From E6 to E1
27	From E6 to E2
57	From E7 to E1
37	From E7 to E2
46	From E7 to E3
47	From E7 to E6
39	From E7 to MW1

							Total	
<u>Lab Request No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	Benzene	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Xylenes</u>	<u>MTBE</u>
178316	MW-1	10/12/06	8,800	68	228	73	255	101
179355	MW-1	11/01/06	1,260	3.2	7.2	11	44	13
179710	MW-1	11/11/06	1,060	6.7	6.8	5.1	24	24
181416	MW-1	12/11/06	182	0.50	1.4	0.65	4.5	2.4
184548	MW-1	2/08/07	305	3.8	11	0.90	13	64
186545	MW-1	3/12/07	478	3.2	32	9.2	29	0.22
187736	MW-1	4/2/07	350	3.6	18	6.9	19	4.0
178316	E-1	10/13/06	2,650	18	87	62	276	ND<5.0
179355	E-1	11/01/06	1,750	3.6	1.3	19	70	12
179710	E-1	11/11/06	1,490	9.7	8.9	6.0	24	29
181416	E-1	12/11/06	203	0.45	1.4	0.78	4.9	1.9

TABLE 2SUMMARY OF AIR SAMPLE RESULTS FROM INDIVIDUAL WELLS(Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

MTBE = Methyl Tertiary Butyl Ether

ND<X = Not Detected at a concentration above the laboratory reporting limit X.

Vppb = Parts per billion by volume.

TABLE 2 (Continued)SUMMARY OF AIR SAMPLE RESULTS FROM INDIVIDUAL WELLS(Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)

Lab Order No.	Sample No.	Date	<u>TPH-G</u>	Benzene	Toluene	<u>Ethylbenzene</u>	<u>Total</u> <u>Xylenes</u>	MTBE
182873	E-1	1/09/07	409	1.7	8.9	1.6	6.6	1.9
184548	E-1	2/08/07	562	3.4	10	0.5	10	86
186545	E-1	3/12/07	265	1.4	27	5.0	27	ND< 0.5
187736	E-1	4/2/07	362	3.8	19	7.0	18	4.4
179355	E-2	11/01/06	860	0.39	2.2	11	38	1.6
179710	E-2	11/11/06	458	0.70	2.2	3.3	18	1.8
181416	E-2	12/11/06	213	0.5	1.7	1.1	6.4	4.9
182873	E-2	1/09/07	86	ND<0.01	0.29	0.31	2.0	ND<0.10
184548	E-2	2/08/07	15	ND<0.01	0.12	0.08	0.27	0.11
186545	E-2	3/12/07	11	0.29	0.67	0.22	1.2	0.34
187736	E-2	4/2/07	225	1.7	8.9	4.3	11	2.4
178316	E-3	10/13/06	2,370	23	53	20	69	20
179355	E-3	11/01/06	1,040	2.6	5.4	9.2	42	10
179710	E-3	11/11/06	570	0.67	2.0	3.8	21	1.6

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

MTBE = Methyl Tertiary Butyl Ether

ND<X = Not Detected at a concentration above the laboratory reporting limit X.

Vppb = Parts per billion by volume.

TABLE 2 (Continued)SUMMARY OF AIR SAMPLE RESULTS FROM INDIVIDUAL WELLS(Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)

Lab Order No.	Sample No.	Date	TPH-G	<u>Benzene</u>	Toluene	Ethylbenzene	<u>Total</u> Xylenes	MTBE
181416	E-3	12/11/06	180	0.35	1.4	1.1	6.7	3.0
182873	E-3	1/09/07	323	1.4	6.7	1.3	5.4	3.5
184548	E-3	2/08/07	352	4.4	13	0.95	14	68
186545	E-3	3/12/07	7.3	0.26	1.1	0.17	0.87	0.08
187736	E-3	4/2/07	17	ND< 0.01	0.09	0.07	0.16	ND< 0.10
178316	E-6	10/13/06	3,700	20	115	78	330	3.0
179355	E-6	11/01/06	962	2.4	5.3	11	40	9.5
179710	E-6	11/11/06	619	0.67	2.1	4.1	22	2.5

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

MTBE = Methyl Tertiary Butyl Ether

ND<X = Not Detected at a concentration above the laboratory reporting limit X.

Vppb = Parts per billion by volume.

TABLE 2 (Continued)SUMMARY OF COMBINED AIR SAMPLE RESULTS(Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)

							<u>Total</u>	MEDE	
Lab Order No.	Sample No.	Date	<u>TPH-G</u>	Benzene	<u>Toluene</u>	Ethylbenzene	<u>Xylenes</u>	MTBE	
181416	E-6	12/11/06	123	ND< 0.025	0.74	0.94	5.4	ND< 0.25	
182873	E-6	1/09/07	309	1.2	7.2	1.3	5.0	2.2	
184548	E-6	2/08/07	23	ND<0.01	0.15	0.14	0.34	ND<0.10	
186545	E-6	3/12/07	464	3.1	33	8.8	36	ND< 0.25	
187736	E-6	4/2/07	307	2.9	16	5.8	15	3.8	
178316	E-7	10/13/06	344	0.44	3.0	1.2	3.6	2.4	
182873	I-1	1/09/07	95	0.15	0.40	0.2	0.72	0.20	

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

MTBE = Methyl Tertiary Butyl Ether

ND = Not Detected.

TABLE 2 (Continued)SUMMARY OF COMBINED AIR SAMPLE RESULTS(Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)

Lab Order No.	Sample No.	Date	<u>TPH-G</u>	Benzene	Toluene	Ethylbenzene	<u>Total</u> <u>Xylenes</u>	MTBE
178316	Combined	10/13/06	1,310	8.5	8.4	13	38	26
178316	Combined	10/17/06	1,360	8.8	8.9	13	39	26
178462	Combined	10/19/06	2,560	9.6	44	44	171	13
178462	Combined A/S	10/19/06	6,580	28	139	75	224	27
178704	Combined	10/24/06	1,950	7.1	16	12	26	28
178977	Combined	10/29/06	3,540	12	27	68	249	23
179355	Combined	11/01/06	1,080	3.1	7.3	11	40	9.4
179355	Combined	11/03/06	2,100	9.5	14	14	51	34
179588	Combined	11/10/06	6,500	63	28	12	39	168

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

MTBE = Methyl Tertiary Butyl Ether

ND = Not Detected.

TABLE 2 (Continued)							
SUMMARY OF COMBINED AIR SAMPLE RESULTS							
(Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)							

							Total			
<u>Lab Order No.</u>	Sample No.	Date	TPH-G	Benzene	Toluene	<u>Ethylbenzene</u>	Xylenes	MTBE		
179710	Combined	11/11/06	1,760	13	11	5.6	23	34		
180124	Combined	11/17/06	1,160	7.0	14	6.0	16	9.9		
180348	Combined	11/22/06	426	2.0	12	2.2	6.2	2.6		
180602	Combined	11/27/06	832	4.3	15	3.9	12	6.5		
180865	Combined	12/01/06	476	1.5	4.0	2.9	11	3.0		
181324	Combined	12/8/06	3,000	40	117	1.3	1.7	35		
181416	Combined	12/11/06	266	0.90	2.2	1.4	8.3	6.9		
181622	Combined	12/14/06	297	1.2	2.1	1.2	3.0	3.9		
182034	Combined	12/21/06	211	0.71	2.9	0.72	2.1	2.2		
182175	Combined	12/26/06	240	0.69	1.8	0.89	1.5	2.4		
182873	Combined	1/09/07	373	1.6	7.7	1.4	6.1	4.1		

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline. TPH-D = Total Petroleum Hydrocarbons as Diesel. TPH-MO = Total Petroleum Hydrocarbons as Motor Oil. MTBE = Methyl Tertiary Butyl Ether ND = Not Detected.

TABLE 2 (Continued)SUMMARY OF COMBINED AIR SAMPLE RESULTS(Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)

							<u>Total</u>	
Lab Order No.	<u>Sample No.</u>	Date	TPH-G	Benzene	Toluene	<u>Ethylbenzene</u>	Xylenes	<u>MTBE</u>
183045	Combined	1/14/07	106	0.10	0.58	0.46	2.0	ND<0.10
183785	Combined	1/26/07	449	3.6	11	0.65	7.7	71
184029	Combined	1/31/07	317	1.7	1.0	2.4	0.50	5.0
184206	Combined	2/05/07	453	3.4	11	0.90	278	139
184548	Combined	2/08/07	712	4.4	13	0.50	12	68
186545	Combined	3/12/07	525	3.1	44	11	46	ND< 0.5
187736	Combined	4/2/07	271	1.5	6.0	1.8	6.1	2.4

Notes:

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

MTBE = Methyl Tertiary Butyl Ether

ND = Not Detected.

FIGURES











Vapor Extraction









APPENDIX A

- Cal Clean High Vacuum Dual Phase Extraction and Treatment Event Report, December 1, 2006.
- Cal Clean High Vacuum Dual Phase Extraction and Treatment Event Report, January 8, 2007.
- Cal Clean High Vacuum Dual Phase Extraction and Treatment Event Report, January 28, 2007.
- Cal Clean High Vacuum Dual Phase Extraction and Treatment Event Report, February 28, 2007.
- Cal Clean High Vacuum Dual Phase Extraction and Treatment Event Report, April 2, 2007.

CalClean High Vacuum Dual Phase Extraction and Treatment Event Report, December 1, 2006

"A Partner in Protecting California's Waters"

December 1, 2006

California Linen Rental Company 989 41st Street Oakland, CA 94608

- ATTN: MR. JOEL PITNEY
- SITE: CALIFORNIA LINEN 989 41ST STREET OAKLAND, CALIFORNIA
- RE: HIGH VACUUM DUAL PHASE EXTRACTION AND TREATMENT EVENT REPORT

Dear Mr. Pitney:

CalClean Inc. is submitting this High Vacuum Dual Phase Extraction and Treatment Event Report for the above referenced site. This report includes all activities performed during the dates of October 12 to November 11, 2006.

From October 12 to November 11, 2006, CalClean performed a 30-day high vacuum dual phase extraction (HVDPE) event on several onsite wells using a low-noise, truck-mounted 450-CFM high-vacuum liquid ring blower along with a Bay Area Air Quality Management District (BAAQMD) various locations permitted propane-fired thermal oxidizer (Plant No. 12568). This technology allows hydrocarbons to be simultaneously removed from the vadose zone, capillary fringe, and saturated soil zone. A high vacuum was applied for vapor extraction and drawdown of the groundwater table around the extraction wells, while vacuum and vapor flow rates were modified to optimize recovery of vapor, free-product (if any) and dissolved-phase hydrocarbons.

During the event, the high vacuum dual phase extraction (HVDPE) system was connected to various wells individually or in combination. After a short-term test was conducted in several extraction wells, high vacuum dual phase extraction was performed at various times in wells W-1, E-2, E-3, E-6, E-7 and MW-1. On October 19, 2006, air-sparging using an oil-free air compressor was conducted in wells I-1 and I-2. HVDPE activities were conducted for a total of 30 days during the HVDPE event.

Vapor samples were collected in Tedlar bags from each extraction well when first connected, during the event and then again at the end of the event. Combined influent samples were also collected during the event. The laboratory results, listed in Table 1 and laboratory reports included in Attachment 1, indicate the following:

- The starting Total Petroleum Hydrocarbons as Gasoline (TPH-G) vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 2,650 ppmv, 860 ppmv, 2,370 ppmv, 3,700 ppmv, and 8,800 ppmv, respectively. The ending TPH-G vapor concentrations were 1,490 ppmv, 458 ppmv, 570 ppmv, 619 ppmv, and 1,060 ppmv, respectively. The vapor concentration in well E-7 was 344 ppmv. The starting and ending Combined well TPH-G vapor concentrations were 1,310 ppmv and 1,760 ppmv, respectively.
- The starting Benzene vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 18 ppmv, 0.39 ppmv, 23 ppmv, 20 ppmv, and 68 ppmv, respectively. The ending Benzene vapor concentrations were 9.7 ppmv, 0.7 ppmv, 0.67 ppmv, 0.67 ppmv, and 6.7 ppmv, respectively. The Benzene vapor concentration in well E-7 was 0.44 ppmv. The starting and ending Combined well Benzene vapor concentrations were 8.5 ppmv and 13 ppmv, respectively.

The total equivalent amount of hydrocarbons recovered through vapor extraction during the 30day event was 6,347.54 pounds (based on laboratory data), and 4,695.60 pounds (based on the Horiba field organic vapor analyzer data) with an average of 5,521.57 pounds. The cumulative tabulation of recovered hydrocarbons (based on laboratory data) is provided in Table 2. The cumulative tabulation of recovered hydrocarbons (based on the field organic vapor analyzer data) is provided in Table 3. These results indicate that dual-phase vacuum extraction using a mobile high-vacuum system is acting as an effective remedial technology at this site in reducing Total Petroleum Hydrocarbons as Gasoline, BTEX and MtBE constituent concentrations in the vadose and saturated zone.

The total volume of hydrocarbon-affected groundwater recovered from the extraction wells during the HVDPE event was approximately 15,520 gallons. The extracted water was treated onsite in a granular activated carbon canister system in accordance with the sewer discharge requirements for the city of Oakland.

The following attachments are included to document the HVDPE event at the site:

- Table 1Results of Laboratory Analysis of Influent Vapor Samples
- Table 2High Vacuum Dual Phase Extraction Spreadsheet (using Lab Data)
- Figure 1 Total Inlet HC Concentrations versus Time (30-Days, Using Lab Data)
- Figure 2 Cumulative HC Recovered over 30 Days (using Lab Data)
- Table 3High Vacuum Dual Phase Extraction Data Spreadsheet (using Horiba Data)
- Figure 3 Total Inlet HC Concentrations versus Time (30-Days, Using Horiba Data)
- Figure 4 Cumulative HC Recovered over 30 Days (using Horiba Data)
- Attachment 1 Laboratory Reports
- Attachment 2 High Vacuum Dual Phase Extraction Field Data Sheets

It has been a pleasure as we continue to work on this project. If you have any questions regarding this report, please contact us at (714) 734-9137 or via cell phone at (714) 936-2706.

Sincerely,

CALCLEAN INC.

pellhera

Noel Shenoi Principal Engineer

Attachments

Cc: Mr. Paul King, P&D Environmental

Table 1RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLESCalifornia LinenOakland, California

Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
10/13/2006 0500	2,650	18	276	62	87
11/1/2006 1140	1,750	3.6	1.3	19	70
11/11/2006 0850	1,490	9.7	8.9	6	24
11/1/2006 1210	860	0.39	2.2	11	38
11/11/2006 0900	458	0.7	2.2	3.3	18
10/13/2006 1000	2,370	23	53	20	69
11/1/2006 1225	1,040	2.6	5.4	9.2	42
11/11/2006 0910	570	0.67	2	3.8	21
10/13/2006 0100	3,700	20	115	78	330
11/1/2006 1155	962	2.4	5.3	11	40
11/11/2006 0920	619	0.67	2.1	4.1	22
	Date/Time Sampled 10/13/2006 0500 11/1/2006 1140 11/11/2006 0850 11/11/2006 1210 11/11/2006 1210 11/11/2006 0900 10/13/2006 1000 11/11/2006 1225 11/11/2006 0910 10/13/2006 0100 11/11/2006 0910 10/13/2006 0100 11/11/2006 1155 11/11/2006 0920	Date/Time Sampled TPH-g (ppmv) 10/13/2006 0500 2,650 11/1/2006 1140 1,750 11/11/2006 0850 1,490 11/11/2006 1210 860 11/11/2006 0900 458 10/13/2006 1000 2,370 11/11/2006 1225 1,040 11/11/2006 0910 570 10/13/2006 0100 3,700 11/11/2006 1155 962 11/11/2006 0920 619	Date/Time Sampled TPH-g (ppmv) Benzene (ppmv) 10/13/2006 0500 2,650 18 11/1/2006 1140 1,750 3.6 11/11/2006 0850 1,490 9.7 11/11/2006 1210 860 0.39 11/11/2006 0900 458 0.7 10/13/2006 1000 2,370 23 11/11/2006 1225 1,040 2.6 11/11/2006 0910 570 0.67 10/13/2006 0100 3,700 20 11/11/2006 1155 962 2.4 11/11/2006 0920 619 0.67	Date/Time SampledTPH-g (ppmv)Benzene (ppmv)Toluene (ppmv)10/13/2006 05002,6501827611/1/2006 11401,7503.61.311/1/2006 08501,4909.78.911/1/2006 12108600.392.211/11/2006 09004580.72.210/13/2006 10002,370235311/11/2006 12251,0402.65.411/11/2006 09105700.67210/13/2006 01003,7002011511/11/2006 011059622.45.311/11/2006 01206190.672.1	Date/Time SampledTPH-g (ppmv)Benzene (ppmv)Toluene (ppmv)Ethylbenzene (ppmv)10/13/2006 05002,650182766211/1/2006 11401,7503.61.31911/11/2006 08501,4909.78.9611/11/2006 12108600.392.21111/11/2006 09004580.72.23.310/13/2006 10002,37023532011/11/2006 12251,0402.65.49.211/11/2006 09105700.6723.810/13/2006 01003,700201157811/1/2006 11559622.45.31111/11/2006 09206190.672.14.1

(Contd.)

Table 1RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLESCalifornia LinenOakland, California

· ·		· · · · · · · · · · · · · · · · · · ·				
Sample ID/	Date/Time	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes
Date	Sampled	(ppmv)	(ppmv)	(ppmv)	(ppmv)	(ppmv)
E-7	10/13/2006 1400	344	0.44	3	1.2	3.6
MW-1	10/12/2006 2200	8,800	68	228	73	255
MW-1	11/1/2006 1235	1,260	3.2	7.2	11	44
MW -1	11/11/2006 0930	1,060	6.7	6.8	5.1	24
COMBINED	10/13/2006 1600	1,310	8.5	8.4	13	38
COMBINED	10/17/2006 1400	1,360	8.8	8.9	13	39
COMBINED	10/19/2006 1300	2,560	9.6	44	44	171
COMBINED	10/19/2006 1500	6,580	28	139	75	224
COMBINED	10/24/2006 1200	1,950	7.1	16	12	26
COMBINED	10/29/2006 1700	3,540	12	27	68	249
COMBINED	11/1/2006 1130	1,080	3.1	7.3	11	40
COMBINED	11/3/2006 1600	2,100	9.5	14	14	51
				L	(Contd.)	

Table 1RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLESCalifornia LinenOakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	11/10/2006 0010	6,500	63	28	12	39
COMBINED	11/11/2006 0840	1,760	13	11	5.6	23
Notes: ppmv TPH - g	= parts per million by volume = total petroleum hydrocarbons -	gasoline	THP-G, BTEX	analyzed by EPA 8015/8	3021	

CalClean Inc.

Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

	SYSTEM PARAMETERS					
TIME	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	Hydrocarbon Recovery (lbs) (gal) (Cumul. lbs)		
10/12/2006 18:00	25	22	535	0.00	0.00	0
10/13/2006 1:00	25	27	3,700	4.94	0.79	4.94
10/13/2006 5:00	25	25	2,650	4.50	0.72	9.44
10/13/2006 10:00	25	26	2,370	4.36	0.70	13.80
10/13/2006 14:00	25	24	344	1.85	0.30	15.64
10/13/2006 16:00	15	210	1,310	2.63	0.42	18.28
10/17/2006 14:00	15	201	1,360	351.11	56.20	369.39
10/19/2006 13:00	15	295	2,560	311.04	49.79	680.43
10/19/2006 15:00	13	230	6,580	32.67	5.23	713.10
10/24/2006 12:00	16	215	1,950	1,511.65	241.96	2,224.75
10/29/2006 17:00	15	231	3,540	1,041.78	166.75	3,266.53
11/1/2006 11:30	15	226	1,080	477.90	76.49	3,744.43
11/3/2006 16:00	15	229	2,100	258.56	41.39	4,002.98
11/10/2006 0:10	15	211	6,500	1,959.87	313.71	5,962.86
11/11/2006 8:40	15	210	1,760	384.68	61.57	6,347.54
	TOTAL HC RECOVERED* - LAB DATA TOTAL HC RECOVERED** - FIELD ANALYZER DATA			6,347.54	1,016.01	
				4,695.60	751.60]
	Average HC R	Recovered*** (Fiel	ld Analyzer/Lab Data)	5,521.57	883.80	

CalClean Inc.

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Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data) Output Output

California Linen, Oakland, CA



*** Average HC Recovered using Laboratory and Horiba data



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	E. to ation						SYSTE	M PARAMETERS				
TIME	Well # E-2 (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (us	rocarbon Reco sing Horiba Dat	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(adi)	(gai)	(Cumui. ibs)
10/12/2006 18:00						25	22	535	3	0.00	0.00	0
10/12/2006 19:00					1. 11.11.11. II.	25	23	2,260		0.43	0.07	0.43
10/12/2006 20:00						25	28	3,510		1.00	0.16	1.43
10/12/2006 21:00						25	25	3,980		1.35	0.22	2.78
10/12/2006 22:00						25	30	3,410		1.38	0.22	4.16
10/12/2006 23:00						25	28	3,930		1.45	0.23	5.61
10/13/2006 0:00						25	22	2,010		1.01	0.16	6.62
10/13/2006 1:00						25	27	1,909		0.65	0.10	7.28
10/13/2006 2:00						25	29	1,802		0.71	0.11	7.99
10/13/2006 3:00						25	21	1,833		0.62	0.10	8.60
10/13/2006 4:00						25	20	1,110		0.41	0.07	9.01
10/13/2006 5:00	A#747.					25	25	1,010		0.32	0.05	9.34
10/13/2006 6:00						25	28	1,130		0.39	0.06	9.73
10/13/2006 7:00						25	26	1,180		0.42	0.07	10.15
10/13/2006 8:00						25	26	410		0.28	0.05	10.43
10/13/2006 9:00						25	30	192		0.11	0.02	10.55
10/13/2006 10:00						25	28	625		0.16	0.03	10.71
10/13/2006 11:00						25	24	797		0.25	0.04	10.96
10/13/2006 12:00						25	23	895		0.27	0.04	11.23
10/13/2006 13:00						25	26	701		0.27	0.04	11.50
10/13/2006 14:00						25	25	530		0.21	0.03	11.71
10/13/2006 15:00						25	29	302		0.15	0.02	11.86
10/13/2006 16:00]	15	210	6,990		5.93	0.95	17.79
10/13/2006 20:00		1				15	181	5,120		64.47	10.32	82.26
10/14/2006 0:00	1		~		1	15	183	4,310		46.73	7.48	129.00
10/14/2006 8:00		1	+		1	15	199	4,330		89.87	14.39	218.87
10/14/2006 12:00			-			15	201	3,330		41.72	6.68	260.58

Table 1

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

	Extraction						SYSTE	M PARAMETERS				and the second
TIME	Well # E-2 (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hyd (u (lbs)	rocarbon Reco sing Horiba Da (gal)	very ta) (Cumul. lbs)
10/14/2006 16:00						15	183	3,510		35.76	5.72	296.34
10/14/2006 20:00						15	195	3,470		35.92	5.75	332.27
10/15/2006 0:00						15	191	3,480		36.52	5.85	368.79
10/15/2006 8:00						15	187	3,410		70.92	11.35	439.71
10/15/2006 12:00						15	193	3,370		35.08	5.61	474.79
10/15/2006 16:00						15	190	1,880		27.38	4.38	502.16
10/15/2006 20:00						15	200	1,980		20.50	3.28	522.66
10/16/2006 0:00						15	195	1,835		20.52	3.28	543.18
10/16/2006 6:00						15	203	2,130		32.23	5.16	575.41
10/16/2006 8:00						15	199	2,280		12.07	1.93	587.47
10/16/2006 12:00						15	208	2,940		28.93	4.63	616.40
10/16/2006 16:00						15	215	3,080		34.67	5.55	651.07
10/16/2006 20:00					·	15	220	3,970		41.75	6.68	692.82
10/17/2006 0:00						15	210	4,210		47.89	7.67	740.71
10/17/2006 4:00						15	193	2,970		39.40	6.31	780.11
10/17/2006 4:00						15	205	3,310		0.00	0.00	780.11
10/17/2006 8:00						15	225	2,830		35.95	5.75	816.05
10/17/2006 12:00						15	202	2,790		32.67	5.23	848.73
10/17/2006 16:00						15	201	3,670		35.45	5.67	884.17
10/17/2006 20:00						15	210	3,020		37.44	5.99	921.61
10/18/2006 0:00						15	199	2,930		33.13	5.30	954.74
10/18/2006 4:00						15	204	2,890		31.93	5.11	986.67
10/18/2006 8:00						15	195	2,510		29.33	4.70	1,016.01
10/18/2006 12:00						15	1201	2,780		100.54	16.09	1,116.55
10/18/2006 16:00						15	210	2,540		102.20	16.36	1,218.75
10/18/2006 20:00						15	206	2,510		28.60	4.58	1,247.36

Table 1

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

	Extraction			:			SYSTE	M PARAMETERS				
TIME	Well # E-2 (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Dat	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/19/2006 0:00						15	200	2,620		28.36	4.54	1,275.71
10/19/2006 4:00						15	215	2,480		28.82	4.61	1,304.53
10/19/2006 8:00						15	195	2,610		28.41	4.55	1,332.94
10/19/2006 12:00						15	295	2,330		32.96	5.28	1,365.90
10/19/2006 14:00						13	230	2,260		16.40	2.63	1,382.30
10/19/2006 15:00						13	234	2,110		6.90	1.10	1,389.21
10/19/2006 16:00						13	261	1,980		6.89	1.10	1,396.10
10/19/2006 17:00						13	260	2,110		7.25	1.16	1,403.35
10/19/2006 18:00						13	245	2,105		7.25	1.16	1,410.59
10/19/2006 19:00						13	223	1,610		5.92	0.95	1,416.51
10/19/2006 20:00						13	220	1,755		5.07	0.81	1,421.59
10/19/2006 21:00						13	219	1,731		5.21	0.83	1,426.80
10/19/2006 22:00						13	223	1,789		5.30	0.85	1,432.09
10/19/2006 23:00						13	225	1,740		5.38	0.86	1,437.47
10/20/2006 0:00						13	230	1,710		5.34	0.86	1,442.82
10/20/2006 4:00						13	233	1,663		21.26	3.40	1,464.08
10/20/2006 8:00						13	220	1,603		20.14	3.22	1,484.22
10/20/2006 12:00						13	236	1,723		20.65	3.31	1,504.87
10/20/2006 16:00						13	210	1,441		19.21	3.08	1,524.08
10/20/2006 20:00						15	200	1,507		16.46	2.63	1,540.54
10/21/2006 0:00						15	215	1,560		17.33	2.77	1,557.87
10/21/2006 4:00						13	230	1,610		19.21	3.07	1,577.07
10/21/2006 8:00						13	235	1,693		20.91	3.35	1,597.99
10/21/2006 12:00						15	201	1,510		19.01	3.04	1,617.00
10/21/2006 16:00		1				15	200	1,110		14.30	2.29	1,631.30
10/21/2006 20:00						15	205	1,067		12.00	1.92	1,643.31

	Extraction	en de la companya de La companya de la comp					SYSTE	M PARAMETERS		-		
TIME	Well # E-2 (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
10/22/2006 0:00						15	225	1,283		13.76	2.20	1,657.07
10/22/2006 4:00						15	225	1,623	:	17.80	2.85	1,674.87
10/22/2006 8:00						15	221	1,731		20.37	3.26	1,695.24
10/22/2006 12:00						15	218	1,793		21.06	3.37	1,716.30
10/22/2006 16:00						15	220	1,821		21.55	3.45	1,737.85
10/22/2006 20:00						15	195	1,220		17.18	2.75	1,755.03
10/23/2006 0:00						15	230	1,362		14.94	2.39	1,769.97
10/23/2006 4:00						15	225	1,960		20.58	3.29	1,790.55
10/23/2006 8:00						15	227	2,380		26.71	4.28	1,817.26
10/23/2006 12:00						15	219	2,460		29.39	4.70	1,846.65
10/23/2006 16:00						15	223	2,730		31.23	5.00	1,877.88
10/23/2006 20:00						16	217	2,520		31.45	5.03	1,909.33
10/24/2006 0:00						17	211	1,462		23.20	3.71	1,932.54
10/24/2006 4:00						17	210	1,936		19.48	3.12	1,952.01
10/24/2006 8:00						16	216	1,857		22.00	3.52	1,974.01
10/24/2006 12:00						16	215	1,890		21.99	3.52	1,996.00
10/24/2006 16:00						15	220	1,912		22.52	3.60	2,018.52
10/24/2006 20:00						17	211	1,887		22.29	3.57	2,040.81
10/25/2006 0:00						15	224	1,623		20.79	3.33	2,061.60
10/25/2006 4:00						15	226	1,676		20.21	3.24	2,081.81
10/25/2006 8:00						16	217	1,813		21.04	3.37	2,102.86
10/25/2006 12:00						16	220	2,150		23.58	3.77	2,126.43
10/25/2006 16:00						15	228	2,340		27.39	4.38	2,153.82
10/25/2006 20:00						15	225	2,520		29.97	4.80	2,183.80
10/26/2006 0:00						15	223	2,480		30.50	4.88	2,214.29
10/26/2006 4:00						15	225	2,610		31.05	4.97	2,245.34

	Extraction			-		SYSTEM PARAMETERS						
TIME	Well # E-2 (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (L	drocarbon Reco Ising Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
10/26/2006 8:00						15	227	2,580		31.94	5.11	2,277.28
10/26/2006 12:00						15	220	2,750		32.44	5.19	2,309.72
10/26/2006 16:00						15	231	2,870		34.51	5.52	2,344.23
10/26/2006 20:00						15	220	2,890		35.37	5.66	2,379.59
10/27/2006 4:00						15	231	2,750		69.26	11.09	2,448.86
10/27/2006 8:00						15	229	2,830		34.95	5.59	2,483.80
10/27/2006 12:00						15	225	2,770		34.61	5.54	2,518.42
10/27/2006 16:00						15	227	2,730		33.85	5.42	2,552.27
10/27/2006 20:00						15	225	2,610		32.86	5.26	2,585.13
10/28/2006 4:00						15	226	2,530		63.12	10.10	2,648.25
10/28/2006 8:00						15	228	2,650		32.02	5.13	2,680.27
10/28/2006 12:00						15	225	2,810		33.68	5.39	2,713.95
10/28/2006 16:00						15	219	2,770		33.73	5.40	2,747.68
10/28/2006 20:00						15	230	2,620		32.95	5.27	2,780.63
10/29/2006 4:00						15	221	2,750		65.95	10.56	2,846.57
10/29/2006 8:00						15	225	2,420		31.39	5.03	2,877.97
10/29/2006 12:00						15	230	2,130		28.19	4.51	2,906.15
10/29/2006 16:00						15	231	2,170		26.99	4.32	2,933.14
10/29/2006 20:00		1				15	220	2,220		26.96	4.31	2,960.10
10/30/2006 4:00						15	221	2,240		53.56	8.57	3,013.66
10/30/2006 8:00						15	227	2,580		29.40	4.71	3,043.06
10/30/2006 12:00						15	223	2,620		31.86	5.10	3,074.92
10/30/2006 16:00						15	228	2,570		31.87	5.10	3,106.78
10/30/2006 20:00	Î					15	225	2,580		31.76	5.08	3,138.55
10/31/2006 4:00						15	225	2,310		59.92	9.59	3,198.47
10/31/2006 8:00						15	227	2,400		28.99	4.64	3,227.45

	Extraction		، 1۲.				SYSTE	M PARAMETERS				
TIME	Well # E-2 (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/31/2006 12:00						15	228	2,430		29.92	4.79	3,257.37
10/31/2006 16:00						15	226	2,460		30.23	4.84	3,287.60
10/31/2006 20:00						15	227	2,480		30.47	4.88	3,318.07
11/1/2006 4:00						15	228	2,470		61.33	9.82	3,379.40
11/1/2006 8:00						15	226	2,530		30.91	4.95	3,410.30
11/1/2006 12:00						15	227	2,580		31.52	5.04	3,441.82
11/1/2006 16:00						15	230	2,420		31.11	4.98	3,472.93
11/1/2006 20:00						15	225	2,400		29.86	4.78	3,502.79
11/2/2006 4:00						15	225	2,380		58.57	9.38	3,561.36
11/2/2006 8:00						15	220	2,350		28.66	4.59	3,590.02
11/2/2006 12:00						15	231	2,310		28.61	4.58	3,618.63
11/2/2006 16:00			1			15	226	2,290		28.62	4.58	3,647.25
11/2/2006 20:00						15	232	2,260		28.37	4.54	3,675.62
11/3/2006 4:00						15	230	2,180		55.86	8.94	3,731.48
11/3/2006 8:00						15	226	2,150		26.88	4.30	3,758.36
11/3/2006 12:00						15	225	2,010		25.54	4.09	3,783.91
11/3/2006 16:00						15	229	2,200		26.02	4.17	3,809.93
11/3/2006 20:00						15	225	2,170		27.01	4.32	3,836.94
11/4/2006 4:00						15	231	2,120		53.27	8.53	3,890.21
11/4/2006 8:00						15	225	2,050		25.89	4.14	3,916.10
11/4/2006 12:00						15	220	2,030		24.72	3.96	3,940.82
11/4/2006 16:00						15	223	1,993		24.26	3.88	3,965.08
11/4/2006 20:00						15	227	1,985		24.37	3.90	3,989.46
11/5/2006 4:00						15	220	1,970		48.14	7.71	4,037.60
11/5/2006 8:00						15	227	1,956		23.89	3.82	4,061.49
11/5/2006 12:00						15	232	1,934		24.31	3.89	4,085.80

	Extraction					SYSTEM PARAMETERS						
TIME	Well # E-2 (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
· · ·	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scim)	(ppmv)	(ppmv) *	(IDS)	(gai)	(Cumul. IDS)
11/5/2006 16:00						15	229	1,942		24.33	3.89	4,110.13
11/5/2006 20:00						15	225	1,961		24.13	3.86	4,134.25
11/6/2006 4:00						15	219	1,936		47.12	7.54	4,181.37
11/6/2006 8:00						15	227	1,902		23.31	3.73	4,204.67
11/6/2006 14:00						23	56	1,316		18.60	2.98	4,223.27
11/6/2006 14:30						23	50	1,295		0.47	0.08	4,223.74
11/6/2006 15:00						22	64	1,270		0.50	0.08	4,224.24
11/6/2006 15:30						22	64	1,198		0.54	0.09	4,224.78
11/6/2006 16:00						22	60	1,242		0.51	0.08	4,225.29
11/6/2006 16:30						22	63	1,256		0.52	0.08	4,225.81
11/6/2006 17:00						22	65	1,236		0.54	0.09	4,226.36
11/6/2006 17:30						22	65	1,191		0.54	0.09	4,226.89
11/6/2006 18:00	*********					18	75	1,587		0.66	0.11	4,227.56
11/6/2006 18:30					1	18	77	1,595		0.82	0.13	4,228.38
11/6/2006 19:00						18	76	1,575		0.83	0.13	4,229.20
11/6/2006 19:30						18	76	1,568		0.81	0.13	4,230.02
11/6/2006 20:00						18	78	1,543		0.82	0.13	4,230.83
11/6/2006 20:30						18	77	1,511		0.81	0.13	4,231.64
11/6/2006 21:00						18	75	1,500		0.78	0.12	4,232.42
11/6/2006 21:30						18	76	1,492		0.77	0.12	4,233.19
11/6/2006 22:00						25	24	1,610		0.53	0.08	4,233.71
11/6/2006 22:30						25	25	1,565		0.26	0.04	4,233.98
11/6/2006 23:00						25	26	1,527		0.27	0.04	4,234.25
11/6/2006 23:30						25	24	1,493		0.26	0.04	4,234.50
11/7/2006 0:00						25	23	1,479		0.24	0.04	4,234.74
11/7/2006 0:30						25	25	1,446		0.24	0.04	4,234.98

	Extraction						SYSTE	M PARAMETERS				
TIME	Well # E-2 (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	Extraction Well # (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hyd (u (lbs)	lrocarbon Reco sing Horiba Da (gal)	ta) (Cumul. lbs)
11/7/2006 1:00						25	25	1,418		0.24	0.04	4,235.23
11/7/2006 1:30						25	24	1,399		0.23	0.04	4,235.46
11/7/2006 2:00						25	23	1,376		0.22	0.04	4,235.68
11/7/2006 11:00						18	75	1,546		8.77	1.40	4,244.45
11/7/2006 11:30						18	77	1,554		0.80	0.13	4,245.26
11/7/2006 12:00						18	74	1,539		0.79	0.13	4,246.05
11/7/2006 12:30						18	75	1,542		0.78	0.13	4,246.83
11/7/2006 13:00						18	78	1,536		0.80	0.13	4,247.63
11/7/2006 13:30						18	76	1,522		0.80	0.13	4,248.44
11/7/2006 14:00						18	78	1,519		0.80	0.13	4,249.23
11/7/2006 14:30						18	75	1,525		0.79	0.13	4,250.02
11/7/2006 15:00						18	74	1,516		0.77	0.12	4,250.80
11/8/2006 2:00						15	221	1,846		37.13	5.94	4,287.93
11/8/2006 8:00						15	217	1,834		32.92	5.27	4,320.85
11/8/2006 12:00						15	215	1,838		21.60	3.46	4,342.45
11/8/2006 16:00						15	219	1,825		21.64	3.46	4,364.09
11/8/2006 20:00						15	218	1,820		21.69	3.47	4,385.78
11/9/2006 4:00						15	215	1,810		42.80	6.85	4,428.58
11/9/2006 8:00						15	210	1,817		20.99	3.36	4,449.56
11/9/2006 12:00						15	212	1,789		20.72	3.32	4,470.28
11/9/2006 16:00						15	214	1,793		20.78	3.33	4,491.06
11/9/2006 20:00						15	215	1,765		20.78	3.33	4,511.84
11/10/2006 4:00						15	211	1,773		41.04	6.57	4,552.88
11/10/2006 8:00						15	213	1,760		20.40	3.26	4,573.27
11/10/2006 12:00					<u> </u>	15	210	1,767		20.31	3.25	4,593.59
11/10/2006 16:00						15	212	1,751		20.21	3.24	4,613.80

	Extraction	iction			Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-2 (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	Extraction Well # (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u:	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/10/2006 20:00						15	215	1,758		20.40	3.27	4,634.20
11/11/2006 4:00						15	214	1,762		41.12	6.58	4,675.32
11/11/2006 8:00						15	210	1,751		20.28	3.25	4,695.60
								TOTAL HC RECOV	ERED	4,695.60	751.60	
								TOTAL LIQUID RE	COVERED		15.520	1

Comments: Manual dilution was not opened during the event.

in of Hg = inches of mercury

gal = gallons lbs = pounds

scfm = standard cubic feet per minute

* Concentrations based on Horiba MEXA 324-JU field organic vapor analyzer, calibrated as hexane

** Inlet flow measured through orifice tube and converted from acfm to reported scfm



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CalClean Inc.

ATTACHMENT 1

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LABORATORY REPORTS



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 178316
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	10/25/2006
	#142			
	Tustin, CA 92780		RECEIVED	10/18/2006
PROJEC	T California Linen Oakland, Ca.			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Client Sample Identification
MW-1
Stack
E-6
E-1
E-3
E-7
Combined (10/13/06)
Combined (10/17/06)

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORADORIES 1 Dneh ar Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 178316 cover, page 1 of 1

Client Sample ID: MW-1

749440 Order #: Matrix: AIR Date Sampled: 10/12/2006 Time Sampled: 22:00 Sampled By:

Analyte

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

						and the second s	Aug. 20 100
Benzene	68	50	0.5	Vppm	10/19/06	LT	
Ethyl benzene	73	50	0.5	Vppm	10/19/06	LT	
Methyl t - butyl ether	101	50	5.0	Vppm	10/19/06	LT	
Tohiene	228	250	2.5	Vppm	10/19/06	LT	
Xylene (total)	255	50	1.5	Vppm	10/19/06	LT	
Benzene	216	50	1.5	ug/L	10/19/06	LT	
Ethyl benzene	318	50	2.0	ug/L	10/19/06	LT	
Methyl t - butyl ether	365	50	18.0	ug/L	10/19/06	LT	
Toluene	859	250	10.0	ug/L	10/19/06	LT	
Xylene (total)	1110	50	6.5	ug/L	10/19/06	LT	

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	1	8800	50	250.0	Vppm	10/19/06	LT	
Gasoline		36000	50	1105.0	ug/L	10/19/06	LT	

DLR - Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Analytical Results Report ASSOCIATED LABORATORIES

Client Sample ID: Stack

Order #: 749441 Matrix: AIR Date Sampled: 10/12/2006 Time Sampled: 22:10 Sampled By:

Result DF DLR Units Date/Analyst

Analyte

8021B BTEX/MTBE in Air - (Vppm & ug/L)

10/19/06LT. 0.01 ---Vppm 0.27 1 Benzene 10/19/06 LT 0.01 Vppm 0.01 1 Ethyl benzene 1 0.10 Vppm 10/19/06LT ND Methyl t - butyl ether 10/19/06 LT 0.46 0.01 Vppm 1 Toluene 10/19/06 LT 0.03 Vppm 0.36 1 Xylene (total) LT 1 0.03 ug/L 10/19/06 0.87 Benzene LT 0.04 0.04 ug/L 10/19/06 1 Ethyl benzene 1 0.36 ug/L 10/19/06 LT ND Methyl t - butyl ether 0.04 ug/L 10/19/06 LT 1 1.7 Toluene 1 10/19/06 LT 0.13 ug/L 1.6 Xylene (total)

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	 ND	1	5.0	Vppm	10/19/06	LT
Gasoline	 ND	1	22.1	ug/L	10/19/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: E-6

Order #: 749442 Matrix: AIR Date Sampled: 10/13/2006 Time Sampled: 01:00 Sampled By:

Analyte

Result DF DLR Ur

DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	20	50	0.5	Vppm	10/19/06	LT
Ethyl benzene	78	50	0.5	Vppm	10/19/06	LT
Methyl t - butyl ether	3.0	50	5.0	Vppm	10/19/06	LT
Toluene	115	50	0.5	Vppm	10/19/06	LT
Xylene (total)	330	50	1.5	Vppm	10/19/06	LT
Benzene	64	50	1.5	ug/L	10/19/06	LT
Éthyl benzene	339	50	2.0	ug/L	10/19/06	LT
Methyl t - butyl ether	11	50	18.0	ug/L	10/19/06	LT
Toluene	431	50	2.0	ug/L	10/19/06	LT
Xylene (total)	1430	50	6.5	ug/L	10/19/06	LT
• • • •						

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	3700	50	250.0	Vppm	10/19/06	LT
Gasoline	15100	50	1105.0	ug/L	10/19/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: E-1

Matrix: AlR Date Sampled: 10/13/2006 Time Sampled: 05:00 Sampled By:

Order #:

Result DF DLR Units Date/Analyst

Analyte

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	18	50	0.5	Vppm	10/19/06	LT	
Ethyl benzene	62	50	0.5	Vppm	10/19/06	LT	
Methyl t - butyl ether	ND	50	5.0	Vppm	10/19/06	LT	
Toluene	87	50	0.5	Vppm	10/19/06	LT	
Xylene (total)	276	50	1.5	Vppm	10/19/06	LT	
Benzene	59	50	1.5	ug/L	10/19/06	LT	
Ethyl benzene	267	50	2.0	ug/L	10/19/06	LT	
Methyl t - butyl ether	ND	50	18.0	ug/L	10/19/06	LT	
Toluene	328	50	2.0	ug/L	10/19/06	LT	
Xylene (total)	1200	50	6.5	ug/L	10/19/06	LT	
•							

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline		2650	50	250.0	Vppm	10/19/06	LT
Gasoline		10800	50	1105.0 _	_ug/L	10/19/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: E-3

Order #: 749444 Matrix: AIR Date Sampled: 10/13/2006 Time Sampled: 10:00 Sampled By:

Analyte

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	23	50	0.5	Vppm		LT
Ethyl benzene	-20	50	0.5	Vppm	10/19/06	LT
Methyl t - butyl ether	20	50	- 5.0	Vppm	10/19/06	LT
Toluene	53	50	0.5	Vppm	10/19/06	LT
Xylene (total)	69	50	1.5	Vppm	10/19/06	LT
Benzene	74	50	1.5	ug/L	10/19/06	LT
Ethyl benzene	86	50	2.0	ug/L	10/19/06	LT
Methyl t - butyl ether	73	50	18.0	ug/L	10/19/06	LT
Toluene	199	50	2.0	ug/L	10/19/06	LT
Xylene (total)	300	50	6.5	ug/L	10/19/06	LT
		the second se		The second s	A THE REPORT OF AN AND A READ AND	per a construction and a distribution of a

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	2370	50	250.0	Vppm	10/19/06	LT
Gasoline	9690	50	1105.0	ug/L	10/19/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: E-7

Order #: 749445 Matrix: AIR Date Sampled: 10/13/2006 Time Sampled: 14:00 Sampled By:

Analyte

Result DF

DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.44	5	0.05	Vppm	10/24/06	LT
Ethyl benzene	1.2	5	0.05	Vppm	10/24/06	LT
Methyl t - butyl ether	2.4	5	0.5	Vppm	10/24/06	LT
Toluene	3.0	5	0.05	Vppm	10/24/06	LT
Xylene (total)	3.6	5	0.15	Vppm	10/24/06	LT
Benzene	1.4	5	0.15	ug/L	10/24/06	LT
Ethyl benzene	5.4	5	0.2	ug/L	10/24/06	LT
Methyl t - butyl ether	8.8	5	1.8	ug/L	10/24/06	LT
Toluene	11	5		ug/L	10/24/06	LT
Xylene (total)	16	5	0.65	ug/L	10/24/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	344	5	25.0	Vppm	10/24/06	LT
Gasoline	1410	5	110.5	ug/L	10/24/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Client Sample ID: Combined (10/13/06)

Order #: 749446 Matrix: AIR Date Sampled: 10/13/2006 Time Sampled: 16:00 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	8.5	25	0.25	Vppm	10/20/06	LT	
Ethyl benzene	13	25	0.25	Vppm	10/20/06	LT	
Methyl t - butyl ether	26	25	2.5	Vppm	10/20/06	LT	
Toluene	8.4	25	0.25	Vppm	10/20/06	LT	
Xylene (total)	38	- 25	0.75	Vppm	10/20/06	LT	
Benzene	27	25	0.75	ug/L	10/20/06	LT	
Ethyl benzene	55	25	1.0	ug/L	10/20/06	LT	
Methyl t - butyl ether	92	25	9.0	ug/L	10/20/06	LT	
Toluene	32	25	1.0	ug/L	10/20/06	LT	
Xylene (total)	167	25	3.25	ug/L	10/20/06	LT	
• • • ·	L						

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	1310	25	125.0	Vppm	10/20/06	LT
Gasoline	5360	25	552.5	ug/L	10/20/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: Combined (10/17/06)

Order #: 749447 Matrix: AIR Date Sampled: 10/17/2006 Time Sampled: 14:00 Sampled By:

Analyte

Result	DF	DLR	Units	Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

8.8	25	0.25	Vppm	10/20/06	LT
13	25	0.25	Vppm	10/20/06	LT
26]	25	2.5	Vppm	10/20/06	LT
8.9	25	0.25	Vppm	10/20/06	LT
39	25	0.75	Vppm	10/20/06	LT
28	25	0.75	ug/L	10/20/06	LT
55	25	1.0	ug/L	10/20/06	LT
95	25	9.0	ug/L	10/20/06	LT
33	25	1.0	ug/L	10/20/06	LT
1 170	25	3.25	ug/L	10/20/06	LT
	8.8 13 26 8.9 39 28 55 95 33 170	8.8 25 13 25 26 25 8.9 25 39 25 28 25 95 25 95 25 133 25 155 25 170 25	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	8.8 25 0.25 Vppm 13 25 0.25 Vppm 26 25 2.5 Vppm 8.9 25 0.25 Vppm 39 25 0.25 Vppm 28 25 0.75 Vppm 29 25 1.0 ug/L 95 25 9.0 ug/L 33 25 1.0 ug/L 170 25 3.25 ug/L	8.8 25 0.25 Vppm 10/20/06 13 25 0.25 Vppm 10/20/06 26 25 2.5 Vppm 10/20/06 8.9 25 0.25 Vppm 10/20/06 39 25 0.25 Vppm 10/20/06 28 25 0.75 Vppm 10/20/06 55 25 1.0 ug/L 10/20/06 95 25 9.0 ug/L 10/20/06 33 25 1.0 ug/L 10/20/06 170 25 3.25 ug/L 10/20/06

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline		1360	25	125.0	Vppm	10/20/06	LT
Gasoline	<u> </u>	5550	25	552.5	ug/L	10/20/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 178317-448

Matrix: AIR

Prep. Date : October 19, 2006

Analysis Date: 10/19/06-10/20/06

Lab ID#'s in Batch: LR 178317, 178316.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	····%RPD
Gas	8015M	271.12	272.03	0
Benzene	8021B	1.18	1.18	0
Toluene	8021B	2.43	2.40	1
Ethylbenzene	8021B	1.16	1.16	0
Xylenes	8021B	3.04	3.01	1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209



Chain of Custody Record

CalClean	inc.	

Company	3002 Dow, #142 Tustin, CA 92780)		Phone	(714)	734-91	37	,	A.L	job No	o .					1	78	32	516	Page	1	of
Project Manager	NOEL SHE	NOI		Fax	(714)	734-9	138				A	nalys	sis Re	eque	estec	ł		Τ	Test Inst	uctions	: & Co	mments
Project Name	FORNIA	LINEN		Project	#	÷			2)	57								1				
Site Name and D A Address	AKLAND	CA							801	ITBE (8												
Sample ID	Lab ID	Date	Time	Matrix	Conta Númbe	ainer er/Size	Pres		Her	BTEX/M					-							
+ mw-1		10/12/05	2200	AIR	TEDL	AR	NON	IE	x	X									·			
2 STACK	u ¹	С.,	2210						1	1												
3 E-b		10/13/06	0100						Π									Т				
4 E-1			0500							Π												
5 E-3			1000						Π													
6 E-7			1400						Π													
COMBINED			1600	+	7	1	-		Y	Y												
8 COMBINED		10/17/06	1400	1			V		Ť	\downarrow									1.47			
9															1							<u></u>
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 178462
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	10/26/2006
	#142		DECENTED	10/20/2004
	Tustin, CA 92780		RECEIVED	10/20/2000
PROJEC	T California Linen, Oakland, CA			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 750013 750014 Client Sample Identification Combined Combined/AS

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABOR

Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 178462 cover, page 1 of 1

Client Sample ID: Combined

Order #: 750013 Matrix: AIR Date Sampled: 10/19/2006 Time Sampled: 13:00 Sampled By:

Result DF DLR Units Date/Analyst

Analyte

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Dongone	9.6	50	0.5	Vppm	10/23/06	LT
Ethyl benzene	44	. 50	0.5	Vppm	10/23/06	LT
Methyl t - butyl ether	13	50	5.0	Vppm	10/23/06	LT
Toluene	44	50	0.5	Vppm	10/23/06	LT
Xylene (total)	171	50	1.5	Vppm	10/23/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

	Contract of the second second second second	and the second s					
Gasoline	1	25601	50	250.0	Vppm	10/23/06	LT
Gasonne	L	L					

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: Combined/AS

Order #: 750014 Matrix: AIR Date Sampled: 10/19/2006 Time Sampled: 15:00 Sampled By:

Result	DF	DLR	Units	Date/Analyst

Analyte

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Donzono	28	50	0.5	Vppm	10/20/06	LT
	I 75	50	0.5	Vppm	10/20/06	LT
E(ny) benzene	27	50	5.0	Vppm	10/20/06	LT
Taluana	1 139	50	0.5	Vppm	10/20/06	LT
Xylene (total)	224	50	1.5	Vppm	10/20/06	LT
Aylene (tour)						

8015B - Gasoline in Air - (Vppm & ug/L)

		65001	50	250.0	Vnnm	10/20/06	LT
Gasoline		0280	50	250.0	v ppm	10/20/00	~
Gusomie)	L					

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES QA REPORT FORM

 QC Sample:
 178393-773

 Matrix:
 AIR

 Prep. Date :
 October 20, 2006

 Analysis Date:
 October 20, 2006

 Lab ID#'s in Batch:
 LR 178393, 178449, 178461, 178462.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	2,390.70	2,380.36	0
Benzene	8021B	66.32	63.71	4
Toluene	8021B	98.90	96.34	3
Ethylbenzene	8021B	25.63	24.76	3
Xylenes	8021B	91.42	86.18	6

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209 178462



3002 Dow #142

Company	Tustin, CA 9278	30		Phone	$(714) 734-9^{\circ}$	137	A.L.	Job No).								Page	01
Project Manager			·	Fax	(714) 734-9	138			A	naly	sis R	eque	sted	I			Test Instructions &	Comments
Project Name	NUEL SHI			Project #	()		()	हा	Ì				T					
CAL	-IFORNIA	LINEN	<u></u>				35	(80										
and 0	AKLAND	, CA					8	ШШ										
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Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	HdT	втех							·			·····
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Dink - Project/Account Manager Golderrod - Sampler/Originator



ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

CLIENT	Calclean	(9977)	LAB REQUES	ST 178707
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	11/01/2006
	#142			
	Tustin, CA 92780		RECEIVED	10/25/2006
PROJEC	T California Linen, Oakland, CA			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	
751023	
751024	

Client Sample Identification Effluent Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by, Edwa Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 178707 cover, page 1 of 1

Order #: 751023 Matrix: WATER Date Sampled: 10/13/2006 Fime Sampled: 19:20 Sampled By:	Client: Calclean Client Sample ID: Effluent						
Analyte		Result	DF	DLR	Units	Date/An	alyst
1664 Oil and Grease							
Total Oil and Grease	1	ND	1	5	mg/L	10/26/06	LN
8021B BTEX + MTBE							
Benzene		ND	1	0.3	ug/L	10/26/06	LD
Benzene Ethyl benzene	· · · · · · · · · · · · · · · · · · ·	ND ND	1	0.3	ug/L ug/L	10/26/06 10/26/06	LD LD
Benzene Ethyl benzene Methyl t - butyl ether	<u>_</u>	ND ND ND	1 1 1	0.3	ug/L ug/L ug/L	10/26/06 10/26/06 10/26/06	LD LD LD
Benzene Ethyl benzene Methyl t - butyl ether Toluene		ND ND ND ND	1 1 1 1	0.3 0.3 . 5 0.3	ug/L ug/L ug/L ug/L	10/26/06 10/26/06 10/26/06 10/26/06	LD LD LD LD
Benzene Ethyl benzene Methyl t - butyl ether Toluene Xylene (total)		ND ND ND ND ND	1 1 1 1 1	0.3 0.3 , 5 0.3 0.6	ug/L ug/L ug/L ug/L ug/L	10/26/06 10/26/06 10/26/06 10/26/06 10/26/06	LD LD LD LD LD
Benzene Ethyl benzene Methyl t - butyl ether Toluene Xylene (total) Surrogates		ND ND ND ND ND	1 1 1 1 1	0.3 0.3 , 5 0.3 0.6	ug/L ug/L ug/L ug/L ug/L Units	10/26/06 10/26/06 10/26/06 10/26/06 10/26/06 Control	LD LD LD LD LD LD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Gasoline

a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

Surrogates

50

ND

103

1

ug/L

Units

%

10/26/06 LD

55 - 200

Control Limits

Order #: 751024 Matrix: WATER Client: Calclean Client Sample ID: 1 Date Sampled: Sampled By:	Laboratory Method Blank					
Analyte	Result	DF	DLR	Units	Date/An	alyst
1664 Oil and Grease						
Total Oil and Grease	ND	1	5	mg/L	10/26/06	LN
8021B BTEX + MTBE						
Benzene	ND	1	-0.3	ug/L	10/26/06	LD
Ethyl benzene	ND	1	0.3	ug/L	10/26/06	LD
Methyl t - butyl ether	ND	1	, 5	ug/L	10/26/06	LD
Toluene	ND	1	0.3	ug/L	10/26/06	LD
Xylene (total)	ND	1	0.6	ug/L	10/26/06	LD
Surrogates				Units	Control	Limits
a,a,a-Tritluorotoluene	104			%	70 - 130	
8015B - Gasoline						
Gasoline	ND	1	50	ug/L	10/26/06	LD

	l <u></u>		
Surrogates		Units	Control Limits
a,a,a-Trifluorotoluene	104	%	55 - 200

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

1

QC Sample :	178670
Matrix:	WATER
Prep.Date:	October 25, 2006
Analysis Date:	October 26, 2006
Lab ID#'s in Batch:	LR 178670, 178562, 178589, 178497, 178423, 178759, 178707
REPORTING UNITS =	mg/L

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

		PREP BLK	LCS				
Test	Method	Value	Result	True	%Rec	L.Limit	H.Limit
0&G	1664	ND	38.7	40	97	78%	114%

VALUE = Preparation Blank Value; ND = Not-Detected LCS = Lab Control Sample Result TRUE = True Value of LCS L.LIMIT / H.LIMIT = LCS Control Limits

ASSOCIATED LABORATORIES LCS REPORT FORM

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: October 25, 2006

Analysis Date 10/25/2006 To 10/26/2006

ID#'s in Batch: LR 178589, 178591, 178213, 178592, 178135, 178707, 178428, 177971

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = ug/L

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
ТРН	8015M-G	ND	500	510	573	102	115	12

ND = *Not Detected*

LCS Result = Lab Control Sample Result %REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	108
LCS	148
LCSD	147

AAA-TFT = a,a,a-Trifluorotoluene

 $\frac{\% REC \ LIMITS \ = \ 70 \ - \ 130}{RPD \ LIMITS \ = \ 30}$

ASSOCIATED LABORATORIES LCS REPORT FORM

QC Sample: G15-LCS/LCSD

Matrix: WATER

Prep. Date: October 25, 2006

Analysis Date: October 25, 2006

LAB ID#'s in Batch: LR 178707

REPORTING UNITS = $\mu g/L$

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

		Sample	Spike	Matrix	Matrix	%Rec	%Rec	
Test	Method	Result	Added	LCS	LCSD	LCS	LCSD	RPD
Benzene	8021	ND	20	18.9	18.2	95	91	4
Toluene	8021	ND	20	19.2	18.5	96	93	4
Ethylbenzene	8021	ND	20	20.2	19.6	101	98	3
Xylenes	8021	ND	60	59.6	58.6	99	98	2

 $ND = Not \ Detected$

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD %REC-LCS & LCSD = Percent Recovery of LCS & LCSD $\frac{\% REC \ LIMITS \ = \ 70 \ - \ 130}{RPD \ LIMITS \ = \ 30}$

SURROGATE RECOVERY

Sample No. QC Limit	AAA-TFT 55-200
Method Blank	108
LCS	117
LCSD	117

AAA-TFT = a, a, a-Trifluorotoluene



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUEST 178704		
	ATTN: Noel Shenoi		REPORTED	11/06/2006	
	3002 Dow Ave.				
	#142				
	Tustin, CA 92780		RECEIVED	10/25/2006	
PROJEC	Γ California Linen Oakland, CA				

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

751020

Client Sample Identification

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by Edward S. Behare,

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 178704 cover, page 1 of 1
Order #: 751020	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 10/24/2006		
Time Sampled: 12:00		
Sampled By:		

An	al	y	te
----	----	---	----

Result	DF	DLR	Units	Date/Analyst
--------	----	-----	-------	--------------

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	7.1	10	0.1	Vppm	10/26/06	LT
Ethyl benzene	12	10	0.1	Vppm	10/26/06	LT
Methyl t - butyl ether	28	10	1.0	Vppm	10/26/06	LT
Toluene	16	10	0.1	Vppm	10/26/06	LT
Xylene (total)	26	10	0.3	Vppm	10/26/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Construction of the second second measure results of the second measurements of								
Gasoline	1	1950	10	50.0	Vppm	10/26/06	LT	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 178704-020

Matrix: AIR

Prep. Date : October 26, 2006

Analysis Date: October 26, 2006

Lab ID#'s in Batch: LR 178704

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	1948.70	1834.78	6
Benzene	8021B	7.08	7.31	3
Toluene	8021B	15.70	14.80	6
Ethylbenzene	8021B	12.02	11.59	4
Xylenes	8021B	25.84	24.98	3

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia
© Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209



Chain of Custody Record

	CalCiean Inc. 3002 Dow, #14:	2					-			1				1.1	187	104
Company	Tustin, CA 9278	10		Phone	(714) 734	4-9137	A.L.	Job No.							101	Page of
Project Manager	NOEL SHE	ENOI		Fax	(714) 73	4-9138			Ana	alysis	Req	Jestec	t			Test Instructions & Comments
Project Name CA1	-IFORNIA	LINEN		Project #	f		15)	021								
Site Name and 0 Address	AKLAND	, CA					(80	TBE (8								
Sample ID	Lab ID	Date	Time	Matrix	Containe Number/S	er Size Pres.	TPH-0	BTEX/M								
COMBINED		10/24/06	1200	AIR	TEDLA	R NONE	×	×								
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 178977
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	11/08/2006
	#142			
	Tustin, CA 92780		RECEIVED	10/31/2006
PROJEC	Γ California Linen, Oakland, CA			
SUBMIT	TER Client		,	

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 752473 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOC ED LABORATORIES by, ard S. Behare, Ph.D.

Edward S. Behare, Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 178977 cover, page 1 of 1

Client Sample ID: Combined

Order #: 752473 Matrix: AIR Date Sampled: 10/29/2006 Time Sampled: 17:00 Sampled By:

Analyte

Result	DF	DLR	Units	Date/Analyst
--------	----	-----	-------	--------------

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	12	50	0.5	Vppm	10/31/06	LT
Ethyl benzene	68	50	0.5	Vppm	10/31/06	LT
Methyl t - butyl ether	23	50	5.0	Vppm	10/31/06	LT
Toluene	27	50	0.5	Vppm	10/31/06	LT
Xylene (total)	249	50	1.5	Vppm	10/31/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline		3540	50	250.0	Vppm	10/31/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	178953-381
Matrix:	AIR
Prep. Date :	October 31, 2006
Analysis Date:	October 31, 2006
Lab ID#'s in Batch:	LR 178953, 178983, 178976, 178977.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	294.45	317.23	7
Benzene	8021B	2.80	2.98	6
Toluene	8021B	13.56	14.64	8
Ethylbenzene	8021B	2.78	2.93	5
Xylenes	8021B	19.19	20.58	7

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

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ASSOCIATED LABORATORIES

806 North Batavia = Orange, CA 92868 Phone: (714) 771-6900 = Fax: (714) 538-1209 (

170007

Chain of Custody Record

CalCl	ean l	nc.
3002	Dow	#142

Company		Tustin, CA	92780			Phone	(714)	734-91	137	A.L.	Job N	lo.					1 [010	ונ	Page	1 of	1
Project Man	ager	NOEL S	SHENO	1		Fax	(714)	734-9	138			A	nalys	sis Re	eque	sted		• •	T	Test Instructions	& Comn	nents
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ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900

Fax: (714) 538-1209



Chain of Custody Record

Company	3002 Dow, # Tustin, CA 9	#142 2780	· · · · · · · · · · · · · · · · · · ·		Phone	(714) 734-9	137	A.L.	Job No.						K	<i>Ч`[</i>	Page of	
Project Manager	NOEL S	HENO			Fax	(714) 734-9	9138			Ar	nalysis	s Req	ueste	d			Test Instructions & Commer	its
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldeurod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 179355
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	11/14/2006
	#142		DECEMED	11/07/2004
	Tustin, CA 92780		RECEIVED	11/07/2006

PROJECT California Linen, Oakland, CA

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
754221	Combined (11/01/06)
754222	E-1
754223	E-6
754224	E-2
754225	E-3
754226	MW-1
754227	Combined (11/03/06)

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by, S Beharre, Ph.D. ice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

TESTING & CONSULTING Chemical Microbiological Environmental

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Lab request 179355 cover, page 1 of 1

Order #: 754221	Client: Calclean
Matrix: AIR	Client Sample ID: Combined (11/01/06)
Date Sampled: 11/01/2006	
Time Sampled: 11:30	
Sampled By:	

Analyte

Result	DF	DLR	Units	Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	3.1	5	0.05	Vppm	11/08/06	LT
Ethyl benzene	11	5	0.05	Vppm	11/08/06	LT
Methyl t - butyl ether	9.4	5	0.5	Vppm	11/08/06	LT
Toluene	7.3	5	0.05	Vppm	11/08/06	LT
Xylene (total)	40	5	0.15	Vppm	11/08/06	LT

8015B - Casoline in Air - (Vppm & ug/L)

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G	asoline	•			1	1	080	5	25.0	Vppm	11/08/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #:754222Client: CalcleanMatrix: AIRClient Sample ID: E-1Date Sampled:11/01/2006Time Sampled:11:40

Analyte

Sampled By:

Result	DF	DLR	Units	Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	3.6	5	0.05	Vppm	11/08/06	LT
Ethyl benzene	19	25	0.25	Vppm	11/09/06	LT
Methyl t - butyl ether	12	5	0.5	Vppm	11/08/06	LT
Toluene	1.3	1	0.005	Vppm	11/08/06	LT
Xylene (total)	70	25	0.75	Vppm	11/09/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

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Gasoline	J	1750	25	125.0	Vppm	11/09/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Analytical Results Report

Order #: 754223 Matrix: AIR Date Sampled: 11/01/2006 Time Sampled: 11:55 Sampled By: Client: Calclean Client Sample ID: E-6

Analyte	Result	DF	DLR	Units	Date/An	alyst
BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	2.4	5	0.05	Vppm	11/08/06	LT
Ethyl benzene	11	5	0.05	Vppm	11/08/06	LT
Methyl t - butyl ether	9.5	5	0.5	Vppm	11/08/06	LT
Toluene	5.3	5	0.05	Vppm	11/08/06	LT
Xylene (total)	40	5	0.15	Vppm	11/08/06	LТ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 754224 Matrix: AIR Date Sampled: 11/01/2006 Time Sampled: 12:10 Sampled By:

Analyte

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.39	5	0.05-	Vppm		LT	
Ethyl benzene		5	0.05	Vppm	11/08/06	LT	
Methyl t - butyl ether	1.6	5	0.5	Vppm	11/08/06	LT	
Toluene	2.2	5	0.05	Vppm	11/08/06	LT	
Xylene (total)	38	5	0.15	Vppm	11/08/06	LT	

8015B - Gasoline in Air - (Vppm & ug/L)

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Gasoline		860	5	25.0	Vppm	11/08/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Calclean Client Sample W: E-3

Order #: 754225 Matrix: AIR Date Sampled: 11/01/2006 Time Sampled: 12:25 Sampled By:

Result DF DLR Units Date/Analyst

Analyte

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	2.6	10	0.1	Vppm	11/08/06	LT	
Ethyl benzene	9.2	10	0.1	Vppm	11/08/06	LT	
Methyl t - butyl ether	10	10	1.0	Vppm	11/08/06	LT	
Toluene	5.4	10	0.1-	Vppm	11/08/06	LT	
Xylene (total)	42	10	0.3	Vppm	11/08/06	LT	

8015B - Gasoline in Air - (Vppm & ug/L)

	 	··· •··· ·· ··	· · · · · · · · · · · · · · · · · · ·							
Gasoline				1	1040	10	50.0	Vppm	11/08/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

754226 Client: Calclean Client Sample ID: MW-1

Matrix: AIR Date Sampled: 11/01/2006 Time Sampled: 12:35 Sampled By:

Order #:

Analyte

Result	DF	DLR	Units	Date/Analyst
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8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	3.2	10	0.1	Vppm	11/08/06	LT
Ethyl benzene	11	10	0.1	Vppm	11/08/06	LT
Methyl t - butyl ether	13	10	1.0	Vppm	11/08/06	LT
Toluene	7.2	10	0.1	Vppm	11/08/06	LT
Xylene (total)	44	10	0.3	Vppm	11/08/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	1260	10	50.0	Vppm	11/08/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: Combined (11/03/06)

Order #: 754227 Matrix: AIR Date Sampled: 11/03/2006 Time Sampled: 16:00 Sampled By:

Analyte	Result	DF	DLR	Units	Date/An	alys
B BTEX/MTBE in Air - (Vppm & ug/L)				_		
Benzene	9.5	10	0.1	Vppm	11/08/06	LT
Ethyl benzene	14	10	0.1	Vppm	11/08/06	LT
Methyl t - butyl ether	34	10	1.0	Vppm	11/08/06	LT
Toluene	14	10	0.1	Vppm	11/08/06	LT
Xvlene (total)	1 511	10	0.3	Vppm	11/08/06	LT

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Gasoline		ł	2100	10	50.0	Vppm	11/08/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

 QC Sample:
 179356-228

 Matrix:
 AIR

 Prep. Date :
 November 8, 2006

 Analysis Date:
 November 8, 2006

 Lab ID#'s in Batch:
 179356, 179353, 179355, 179357, 179358, 179359.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample		
Test	Method	Result	Duplicate	%RPD	
Gas	8015M	597.92	583.94	2	
Benzene	8021B	29.44	27.84	6	
Toluene	8021B	23.98	22.78	5	
Ethylbenzene	8021B	6.99	6.64	5	
Xylenes	8021B	21.92	20.52	7	

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900

Fax: (714) 538-1209



Chain	of	Cu	stody	y Re	ecord
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Company	Tustin, CA 9	2780						(714)	734-91	37		A.L.	Job N	0.							1/	YUW Page_	1 of	
Project Manager	NOEL S	HENO)	-		Fa	×	(714)	734-9	138				A	nalys	is R	eque	sted	l	• •		Test Instructions	& Com	ments
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ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 179588
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	11/21/2006
	#142			
	Tustin, CA 92780		RECEIVED	11/10/2006
PROJEC	Γ California Linen, Oakland, CA			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 755103 **Client Sample Identification**

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ATED LATORAES by. hate,/Ph.D. President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 179588 cover, page 1 of 1

Analyte	Resul	t DF	DLR	Units	Date/An	alyst
BTEX/MTBE in Air - (Vppm & u	<u>g/L)</u>					
Benzene	(6	3 25	5 0.25	Vppm	11/10/06	LT
Ethyl benzene	1	25	5 0.25	Vppm	11/10/06	LT
Methyl t - butyl ether	16	50	5.0	Vppm	11/13/06	LT
Toluene	2:	25	5 0.25	Vppm	11/10/06	LT
Xylene (total)	1 30) 24	5 0.75	Vnnm	11/10/06	ТТ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 179526-876

Matrix: AIR

Prep. Date : November 10, 2006

Analysis Date: November 10, 2006

Lab ID#'s in Batch: 179526, 179515, 179590, 179588, 179593.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	1540.86	1497.69	3
Benzene	8021B	0.72	0.62	15
Toluene	8021B	26.00	25.84	- 1
Ethylbenzene	8021B	13.13	12.94	1
Xylenes	8021B	28.78	28.97	1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209



CalClean Inc.	
3002 Dow, #142	_

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Company	Tustin, CA 92780			Phone	(714) 734	4-9137	A.L.	Job N	0.			//				Page 0	of
Project Manager	NOEL SHE	NOI		Fax	(714) 73	4-9138			A	naly	sis R	eque	sted			Test Instructions & Cor	nments
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 179710
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	11/21/2006
	#142			
	Tustin, CA 92780		RECEIVED	11/13/2006
PROJEC	T California Linen, Oakland, CA			
SUBMIT	TER Client			

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification					
755714	Combined					
755715	Stack					
755716	E-1					
755717	E-2					
755718	E-3					
755719	E-6					
755720	MW-1					

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

Edward S. Behare, Ph. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 179710 cover, page 1 of 1

Client Sample ID: Combined

Order #: 755714 Matrix: AIR Date Sampled: 11/11/2006 Time Sampled: 08:40 Sampled By:

Analyte

Result [DF DLR	Units	Date/Analyst
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8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	13	10	0.1	Vppm	11/14/06	LT
Ethyl benzene	5.6	10	-0.1	Vppm		LT
Methyl t - butyl ether	34	25	2.5	Vppm	11/16/06	LT
Toluene	11	10	0.1	Vppm	11/14/06	LT
Xylene (total)	23	10	0.3	Vppm	11/14/06	LT
Benzene	42	10	0.3	ug/L	11/14/06	LT
Ethyl benzene	24	10	0.4	ug/L	11/14/06	LT
Methyl t - butyl ether	123	25	9.0	ug/L	11/16/06	LT
Toluene	42	10	0.4	ug/L	11/14/06	LT
Xylene (total)	102	10	1.3	ug/L	11/14/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

· · · · · · · · · · · · · · · · · · ·						
Gasoline	1760	10	50.0	Vppm	11/14/06	LT
Gasoline	7200	10	221.0	ug/L	11/14/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 755715 Matrix: AIR Date Sampled: 11/11/2006 Time Sampled: 08:45 Sampled By:

Client Sample ID: Stack

Analyte

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	ND	1	0.01	Vppm	11/14/06	LT
Ethyl benzene	ND	1	0.01	Vppm	11/14/06	LT
Methyl t - butyl ether	ND	1	0.10	Vppm	11/14/06	LT
Toluene	ND	1	0.01	Vppm	11/14/06	LT
Xylene (total)	ND	1	0.03	Vppm	11/14/06	LT
Benzene	ND	1	0.03	ug/L	11/14/06	LT
Ethyl benzene	ND	1	0.04	ug/L	11/14/06	LT
Methyl t - butyl ether	ND	1	0.36	ug/L	11/14/06	LT
Toluene	ND	1	0.04	ug/L	11/14/06	LT
Xylene (total)	ND	1	0.13	ug/L	11/14/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

······································							
Gasoline		ND	t	5.0	Vppm	11/14/06	LT
Gasoline		ND	1	22.1	ug/L	11/14/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analyta

Sampled By:

Analyte	Result		Result DF D		DLR	Units	Date/Analyst	
BTEX/MTBE in Air - (Vppm & ug/L)								
Benzene	9.7	10	0.1	Vppm	11/14/06	LT		
Ethyl benzene	6.0	10	0.1	Vppm	11/14/06	LT		
Methyl t - butyl ether	29	10	1.0	Vppm	11/14/06	LT		
Toluene	8.9	10	0.1	Vppm	11/14/06	LT		
Xylene (total)	24	10	0.3	Vppm		LT		
Benzene	31	10	0.3	ug/L	11/14/06	LT		
Ethyl benzene	26	10	0.4	ug/L	11/14/06	LT		
Methyl t - butyl ether	105	10	3.6	ug/L	11/14/06	LT		
Toluene	33	10	0.4	ug/L	11/14/06	LT		
Xylene (total)	106	10	1.3	ug/L	11/14/06	LT		

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline		1490	10	50.0	Vppm	11/14/06	LT
Gasoline		6110	10	221.0	ug/L	11/14/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



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Order #: 755717 Matrix: AIR Date Sampled: 11/11/2006 Time Sampled: 09:00 Sampled By:

Analyte

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

11/16/06 LT	n 11/16/06	Vppm	0.1	10	0.70	Benzene
11/16/06 LT	n 11/16/06	Vppm	0.1	10	3.3	Ethyl benzene
11/16/06 LT	n 11/16/06	Vppm	1.0	10	1.8	Methyl t - butyl ether
11/16/06 LT	n 11/16/06	Vppm	0.1	10	2.2	Toluene
11/16/06 LT	n 11/16/06	Vppm	- 0.3	10	18	Xylene (total)
11/16/06 LT	11/16/06	ug/L	0.3	10	2.2	Benzene
	11/16/06	ug/L·····	0.4	10 · · · ·	14	Ethyl benzene
11/16/06 LT	11/16/06	ug/L	3.6	10	6.4	Methyl t - butyl ether
11/16/06 LT	11/16/06	ug/L	0.4	10	8.1	Toluene
11/16/06 LT	11/16/06	ug/L	1.3	10	79	Xylene (total)
11/16/06 11/16/06	11/16/06 11/16/06	ug/L ug/L	0.4 1.3	10 10	8.1 79	Toluene Xylene (total)

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	458	10	50.0	Vppm	11/16/06	LT
Gasoline	1880	10	221.0	ug/L	11/16/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: E-3

Order #: 755718 Matrix: AIR Date Sampled: 11/11/2006 Time Sampled: 09:10 Sampled By:

Analyte	R	esult	DF	DLR	Units	Date/An	alyst
8021B BTEX/MTBE in Air - (Vppm & ug/L)							
Benzene		0.67	10	0.1	Vppm	11/14/06	LT
Ethyl benzene		3.8	10	0.1	Vppm	11/14/06	LT
Methyl t - butyl ether		1.6	10	1.0	Vppm	11/14/06	LT
Toluene		2.0	10	0.1	Vppm	11/14/06	LT
Xylene (total)		21	10	0.3	Vppm	11/14/06	LT
Benzene	l	2.1	10	0.3	ug/L	11/14/06	LT
Ethyl benzene		16	10	0.4	ug/L	11/14/06	LT
Methyl t - butyl ether		5.7	10	3.6	ug/L	11/14/06	LT
Toluene		7.5	10	0.4	ug/L	11/14/06	LT
Xylene (total)	I	90	10	1.3	ug/L	11/14/06	LT
8015B - Gasoline in Air - (Vppm & ug/L)							
Gasoline	ł	570	10	50.0	Vppm	11/14/06	LT
Gasoline		2330	10	221.0	ug/L	11/14/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Client Sample ID: E-6

Order #: 755719 Matrix: AIR Date Sampled: 11/11/2006 Time Sampled: 09:20 Sampled By:

Gasoline

	DF	DLR	Units	Date/Analys	
0.67	10	0.1	Vppm	11/14/06	LT
4.1	10	0.1	Vppm	11/14/06	LT
2.5	10	1.0	Vppm	11/14/06	LT
2.1	10	0.1	Vppm	11/14/06	LT
22	10	0.3	Vppm	11/14/06	LT
2.1	10	0.3	ug/L	11/14/06	LT
18	10	0.4	ug/L	11/14/06	LT
9.1	10	3.6	ug/L	11/14/06	LT
7.9	10	0.4	ug/L	11/14/06	LT
97	10	1.3	ug/L	11/14/06	LT
	0.67 4.1 2.5 2.1 22 2.1 18 9.1 7.9 97	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	0.67 10 0.1 Vppm 4.1 10 0.1 Vppm 2.5 10 1.0 Vppm 2.1 10 0.1 Vppm 22 10 0.3 Vppm 21 10 0.3 ug/L 18 10 0.4 ug/L 9.1 10 3.6 ug/L 7.9 10 0.4 ug/L 97 10 1.3 ug/L	0.67 10 0.1 Vppm 11/14/06 4.1 10 0.1 Vppm 11/14/06 2.5 10 1.0 Vppm 11/14/06 2.1 10 0.1 Vppm 11/14/06 22 10 0.3 Vppm 11/14/06 2.1 10 0.3 ug/L 11/14/06 2.1 10 0.3 ug/L 11/14/06 9.1 10 3.6 ug/L 11/14/06 9.1 10 3.6 ug/L 11/14/06 9.1 10 1.3 ug/L 11/14/06

2530

10

221.0 ug/L

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



11/14/06 LT

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Client Sample ID: MW-1

Order #: 755720 Matrix: AIR Date Sampled: 11/11/2006 Time Sampled: 09:30 Sampled By:

Analyte

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	6.7	10	0.1	Vppm	11/14/06	LT	
Ethyl benzene	5.1	10	0.1	Vppm	11/14/06	LT	••••
Methyl t - butyl ether	24	10	1.0	Vppm	11/14/06	LT	
Toluene	6.8	10	0.1	Vppm	11/14/06	LT	
Xylene (total)	24	10	0.3	Vppm	11/14/06	LT	
Benzene	21	10	0.3	ug/L	11/14/06	LT	
Ethyl benzene	22	10	0.4	ug/L	11/14/06	LT	
Methyl t - butyl ether	86	10	3.6	ug/L	11/14/06	LT	
Toluene	26	10	0.4	ug/L	11/14/06	LT	
Xylene (total)	106	10	1.3	ug/L	11/14/06	LT	

8015B - Gasoline in Air - (Vppm & ug/L)

and the second	and the second						
Gasoline		1060	10	50.0	Vppm	11/14/06	LT
Gasoline		4340	10	221.0	ug/L	11/14/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	179709-709
Matrix:	AIR
Prep. Date :	November 14, 2006
Analysis Date:	November 14, 2006
Lab ID#'s in Batch:	179709, 179710 .

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	12,470.22	12,481.47	0
Benzene	8021B	242.22	232.76	4
Toluene	8021B	128.32	121.37	6
Ethylbenzene	8021B	28.37	26.93	5
Xylenes	8021B	103.96	102.97	1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia
Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209



Chain of Custody Record

3002 Dow, #142 Company Tustin, CA 92780 Phone (714) 734-9137							A.L.	Job Nr	o.						1 -) () Page	0f_	<u> </u>			
Project Manager	NOEL SHE	ENO			Fax	(714)	734-9 ⁻	138		Analysis Requested								•	Test Instructions &	k Comin	nents
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E-1				0850						\mathbf{x}	×										
B.E-2				0900						X	X										
E-3				0910						X	×										
E-6				0920						X	\mathbf{x}										
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 180348
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/12/2006
	#142			
	Tustin, CA 92780		RECEIVED	11/24/2006
PROJEC	T California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 758557 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 180348 cover, page 1 of 1

Drder #: 758557 latrix: AIR late Sampled: 11/22/2006 Time Sampled: 12:00 ampled By:	Client: Calclean Client Sample ID: Combined						
Analyte		Result	DF	DLR	Units	Date/Ana	alyst
······							
021B BTEX/MTBE in Air - (N Benzene	'ppm & ug/L)	2.0	5	0.05	Vppm	11/25/06	LT
021B BTEX/MTBE in Air - (N Benzene Ethyl benzene	'ppm & ug/L)	2.0	5	0.05	Vppm Vppm	11/25/06 11/25/06	LT LT
021B BTEX/MTBE in Air - (N Benzene Ethyl benzene Methyl t - butyl ether	/ppm & ug/L.)	2.0 2.2 2.6	5 5 5	0.05 0.05 0.5	Vppm Vppm Vppm	11/25/06 11/25/06 11/25/06	LT LT LT
021B BTEX/MTBE in Air - (N Benzene Ethyl benzene Methyl t - butyl ether Toluene	' <u>ppm & ug/L)</u> 	2.0 2.2 2.6 12	5 5 5 5	0.05 0.05 0.5 0.05	Vppm Vppm Vppm Vppm	11/25/06 11/25/06 11/25/06 11/25/06	LT LT LT LT

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Gasoline		1	426	5	25.0	Vppm	11/25/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analytical Results Report

Lab Request 180348 results, page 1 of 1

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	180348-557
Matrix:	AIR
Prep. Date :	November 25, 2006
Analysis Date:	November 25, 2006
Lab ID#'s in Batch:	180348, 180345, 180346.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	·····%RPD
Gas	8015M	426.08	423.1	1
Benzene	8021B	2.00	1.83	9
Toluene	8021B	11.64	10.34	12
Ethylbenzene	8021B	2.26	2.17	4
Xylenes	8021B	6.15	6.01	2

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

Chain of Custody Record CalClean Inc. 3002 Dow. #142

ASSOCIATED	LABORATORIES
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806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209

Company Tustin, CA 92780 Phone (714) 734-9137						4-9137	A.L. Job No. Page								Page	1 of	<u> </u>		
Project Manager	NOEL S	HENO		·	Fax	(714) 73	4-9138			Ą	naly	sis R	eques	sted			Test Instructions	& Com	ments
Project Name CA1	-IFORNI	A	LINEN		Project /	# ·	·····	2	51					Τ			<u></u>		
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator
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806 North Batav	ASSOCIATI ia - Orange, Ca	ED LABORATO lifornia 92868 - 71)RIES 4/771-6900

FAX-714/538-1-209

CLIENT Calclean	(9977)	LAB REQUES	ST 180602
ATTN: Noel Shenoi			
3002 Dow Ave.		REPORTED	12/12/2006
#142			
Tustin, CA 92780		RECEIVED	11/29/2006
PROJECT California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 759364 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 180602 cover, page 1 of 1

TESTING & CONSULTING Chemical Microbiological Environmental

Order #: 759364	Client: Calclean	Combined					
Date Sampled: 11/27/2006	Cheffe Sumple ID.	Comonica					
Time Sampled: 12:00 Sampled By:							
Analyte			Result	DF	DLR	Units	Date/Analyst
8021B BTEX/MTBE in Air - (V	/ppm & ug/L)						
Banzana	•••••••••••••••••••••••••••••••••••••••		4 21	5	0.05	Vann	11/20/06 1 T

Benzene	4.3	5	0.05	Vppm	11/30/06	LT	
Ethyl benzene	3.9	5	0.05	Vppm	11/30/06	LT	
Methyl t - butyl ether	6.5	5	0.5	Vppm	11/30/06	LT	
Toluene	15	10	0.1	Vppm	11/30/06	LT	
Xylene (total)	12	5	0.15	Vppm	11/30/06	LT	•

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	1	832	5	25.0	Vppm	11/30/06	LT
					······································		

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Analytical Results Report

Lab Request 180602 results, page 1 of 1

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	180602-364
Matrix:	AIR
Prep. Date :	November 30, 2006
Analysis Date:	11/30/06-12/01/06
Lab ID#'s in Batch:	180602, 1 8 0601, 1 806 00.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

Test	Method	Sample Result	Sample Duplicate	%RPD
Gas	8015M	831.55	803.36	3
Benzene	8021B	4.29	3.94	9
Toluene	8021B	18.66	17.43 .	
Ethylbenzene	802 1B	3.90	3.60 ·	8
Xylenes	802 1B	11.69	11.00	6

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%



806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209



Chain of Custody Record

	3002 Dow	IC. #149	ų I								I			1			1 %	$R_{10LO'2}$		1
Company	Tustin, CA 9	2780			Phone	(714) 73	34-9137	A.L	Job N	ło.							10	Page	of	1
Project Manager	NOEL S	HENC	DI		Fax	(714) 73	34-9138			A	naly	sis F	lequ	ested	1			Test Instructions	: & Com	ments
Project Name CA1	-IFORN	A	LINEN		Project I			2)	87											•
Site Name	AKLAN	P C	-A		i			<u> </u> 6	<u>ю</u> ш											
Address	·····							- = 0	ATBI											
Sample ID	Lab ID		Date	Time	Matrix	Contair Number/	ner Size [•] Pres.	TPH-I	BTEXA											•
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 180865
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/12/2006
	#142			
	Tustin, CA 92780		RECEIVED	12/04/2006
PROJEC	T California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 760622 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edmard S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 180865 cover, page 1 of 1

Order #: 760622 Matrix: AIR Date Sampled: 12/01/2006 Time Sampled: 12:00 Sampled By:	Client: Calclean Client Sample ID: Combined					
Analyte		Result	DF	DLR	Units	Date/Analyst
8021B BTEX/MTBE in Air - (\	/ppm & ug/L)					
8021B BTEX/MTBE in Air - (N Benzene	/ppm & ug/L)	1.5	3	0.025	Vppm	12/04/06 LT
8021B BTEX/MTBE in Air - (N Benzene Ethyl benzene	/ppm & ug/L)	1.5 2.9	3	0.025	Vppm Vppm	12/04/06 LT 12/04/06 LT
8021B BTEX/MTBE in Air - (N Benzene Ethyl benzene Methyl t - butyl ether	/ppm & ug/L)	1.5 2.9 3.0	3 3 3	0.025 0.025 0.25	Vppm Vppm Vppm	12/04/06 LT 12/04/06 LT 12/04/06 LT
8021B BTEX/MTBE in Air - (Benzene Ethyl benzene Methyl t - butyl ether Toluene	٧ <mark>ppm & ug/L)</mark>	1.5 2.9 3.0 4.0	3 3 3 3	0.025 0.025 0.25 0.025	Vppm Vppm Vppm Vppm	12/04/06LT12/04/06LT12/04/06LT12/04/06LT

	The second s	 						
Gasoline		476	3	12.5	Vppm	12/04/06	LT	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analytical Results Report

Lab Request 180865 results, page 1 of 1

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 180863-613

Matrix: AIR

Prep. Date : December 4, 2006

Analysis Date: 12/4/06-12/5/06

Lab ID#'s in Batch: LR 180863, 180865, 180842.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	544.64	554.35	2
Benzene	8021B	0.36	0.35	3
Toluene	8021B	9.45	9.58	1
Ethylbenzene	8021B	1.45	1.42	2
Xylenes	8021B		29.56	4

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia = Orange, CA 92868 Phone: (714) 771-6900 = Fax: (714) 538-1209

Chain of Custody Record

Calclean Inc.	1	1
3002 Dow #142	- i -	1

· · · ·	CalClean Inc. 3002 Dow, #142								ļ			i i		:	18086	5
Company	Tustin, CA 92780)		Phone	(714) 73	4-9137	AL	Job No.							Page o	1
Project Manager	NOEL SHE	NOI	·******	Fax	(714) 73	34-9138			Analy	sis R	eque	sted			Test Instructions & Com	nments
Project Name CA1	-IFORNIA	LINEN	······································	Project	#		5)	51	1		T					
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

CalClean Inc.

ATTACHMENT 2

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HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEETS

CALCLEAN INC. (714) 734-9137

Page A of

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City: OAKLAND

Site #: CALIFORNIA LINEN

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Conc. Stinger
Depth ("Hg.) (scfm) (degF) (ppmv) ((eet) $("Hg.)$ (scfm) (degF) (ppmv) ((eet) 25 2.2 1405 53.5 25 2.2 1405 53.5 25 2.3 1404 2.260 25 2.5 1403 3510 25 2.5 1403 3780 25 2.5 1403 3780 25 2.5 1407 3930 $Clos$ 25 2.7 1407 3930 $Clos$ ED 25 2.7 1407 3930 $Clos$ ED 25 2.7 1407 1807 25 2.7 1407 1807 25 2.1 1402 1807 25 2.5 1401</td><td>Inval Total Tox Tox Inlet Stinger Depth Unit Flowrate Temp. Conc. Depth ('Hg.) (scfm) (degF) (ppmv) (feet) 25 22 1402 535 - 25 23 1404 2260 - - 25 28 1404 3510 - - 25 28 1404 3510 - - 25 28 1403 3780 - - 25 25 1403 3780 - - 25 25 1403 3780 - - 25 25 1403 3780 - - 25 25 1401 3930 Clos ED - 25 26 1401 1802 - - - 25 21 1402 1803 - - - 25 28 1403 1130 - - - 25 28 14</td><td>Inval Total ToX ToX Inlet Stinger Depth Dispite ("Hg.) (scfm) (degF) (ppmv) (feet) (feet) (feet) 25 22 1402 535 -</td><td>Inval Total Tox Tox Intel
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Depth ('Hg.) (schm) (degF) (ppmv) (leet) (feet) 25 22 1402 5355 </td><td>Interpretation Total Tox Tox Inlet Stinger Depth Depth ("Hg.) (scim) (degF) (ppmv) (feet) (feet) (feet) 25 22 1402 53.5 </td><td>Image Total Stinger Depth Depth</td><td>Init Total TOX TOX Init Singer Depth Depth Unit Flowrete Temp. Conc. Singer Depth Depth ("Hg.) (sofm) (deep) (ppmv) (deet) (deet) 25 22 1402 53.5 </td><td>Inval Total Tox Tox Tox Tox Stinger Depth Stinger Depth Vacuum Flowrate Temp. Conc. (feet) (feet) Depth <t< td=""><td>Inval Total TOX TOX in the Conc. Stinger Depth Displin (Hg.) (stm) (degF) (ppmv) (teet) (teet) (teet) 25 22 1400 53.5 </td><td>International Tox International Tox Internatinternational Tox International Tox Internat</td><td>Unit Total ToX ToX ToX ToX ToX International strategy Strategy Daptin Daptin</td></t<><td>Unit Total <</td><td>Val Value Tox Intel Conc. Distinger Dist Vacuum Pho Macuum Pho</td><td>UNIT TOX Hot Singer Direct Product Product</td></td></td<></td></t<> | IVal Unit Total Total Tox Tox Intell Vacuum Flowrate Temp. Conc. ("Hg.) (scfm) (degF) (ppmv) 25 22 1409 53.5 25 23 1404 2260 25 28 1404 3510 25 28 1404 3510 25 25 25 1403 3780 25 25 25 1403 3910 25 25 1401 3910 25 25 25 1401 3910 25 25 27 1403 3930 25 25 27 1403 1802 25 25 21 1401 1802 25 25 21 1403 1100 25 25 25 1401 1010 25 25 26 1403 1130 25 25 26 1402 1802 130 <td< td=""><td>Init Total TOX TOX TOX Inlet Vacuum Flowrate Temp. Conc. ("Hg.) (scfm) (degF) (ppmv) 25 22 1400 53.5 25 23 1404 2260 25 28 1404 3510 25 28 1404 3510 25 25 1403 3780 25 25 1401 3410 25 25 1401 3930 clos 25 25 1401 3930 clos 25 27 1404 2010 1802 25 21 1401 1802 1 25 21 1402 1802 1 25 28 1403 1130 1 25 28 1403 130 1 25 28 1402 180 1 25 28 1402 180 1 25 26 1401 410 1</td><td>Init Total TOX TOX Intel
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Depth ('Hg.) (schm) (degF) (ppmv) (leet) (feet) 25 22 1402 5355 </td><td>Interpretation Total Tox Tox Inlet Stinger Depth Depth ("Hg.) (scim) (degF) (ppmv) (feet) (feet) (feet) 25 22 1402 53.5 </td><td>Image Total Stinger Depth Depth</td><td>Init Total TOX TOX Init Singer Depth Depth Unit Flowrete Temp. Conc. Singer Depth Depth ("Hg.) (sofm) (deep) (ppmv) (deet) (deet) 25 22 1402 53.5 </td><td>Inval Total Tox Tox Tox Tox Stinger Depth Stinger Depth Vacuum Flowrate Temp. Conc. (feet) (feet) Depth <t< td=""><td>Inval Total TOX TOX in the Conc. Stinger Depth Displin (Hg.) (stm) (degF) (ppmv) (teet) (teet) (teet) 25 22 1400 53.5 </td><td>International Tox International Tox Internatinternational Tox International Tox Internat</td><td>Unit Total ToX ToX ToX ToX ToX International strategy Strategy Daptin Daptin</td></t<><td>Unit Total <</td><td>Val Value Tox Intel Conc. Distinger Dist Vacuum Pho Macuum Pho</td><td>UNIT TOX Hot Singer Direct Product Product</td></td></td<> | Init Total TOX TOX TOX Inlet Vacuum Flowrate Temp. Conc. ("Hg.) (scfm) (degF) (ppmv) 25 22 1400 53.5 25 23 1404 2260 25 28 1404 3510 25 28 1404 3510 25 25 1403 3780 25 25 1401 3410 25 25 1401 3930 clos 25 25 1401 3930 clos 25 27 1404 2010 1802 25 21 1401 1802 1 25 21 1402 1802 1 25 28 1403 1130 1 25 28 1403 130 1 25 28 1402 180 1 25 28 1402 180 1 25 26 1401 410 1 | Init Total TOX TOX Intel
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CALCLEAN INC. (714) 734-9137

					Wei#1: F	-7	We1#2: E	i-)	Well #3: E	-3	Well #4: E	-6	Well #5:	- 1	Well #6:		Well #7:		Well #8:	
nitial Dep	Ih lo Grou	ndwater/Fl	>		9.93		7.2	5	10.2	Ī	9.85	5	8.73							
creen In	erval				240	00	240	0	240	0	24.0	<u>0</u>	24.9	2	140 0000	DTM	Macuum	DTM	Vacuum	DTM
Time	Unit Vacuum	Total Flowrate	TOX Temp:	TOX Inlet Conc.		Stinger Depth		Stinger Depth			-			11A.C	"H ₂ O	(fi)	"H ₂ O	(ft)	"H ₂ O	(ft)
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					VIN	MC-						
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10-16	1	1										<u> </u>				_		┟────		
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	4-12	price	11-11-61		1	1	T	T	T						<u> </u>		<u> </u>			L
		1			1	111	100	53.44	0105.	Q. 14	600	Low	rech	51	inger	5 01	DE	-2.	E-3 E	<u> - </u>

PAGE 03/05

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CALCLEAN INC. (714) 734-9137

Project Location: 989 41ST STREET

City: OAKLAND ς.

Site #: CALIFORNIA LINEN

Date: 101112006

Page 34 of

PAGE

02/05

Client: C/	LIFORM	NIA LINEI	N				Operato	ur (6): <u>[V</u>	IIKE/	$\widehat{\mathbf{V}}$				-						
		-			₩eil#1:	E-2	Wellik2:	<u>-1</u>	Well #3; p	-3	Well #4:E	-10	Well #5: E	-7_	Weii #6: p	1-146	Well #7:3	=-1	Well #8:	
Initial Dep	th to Grou	indwater/F	P		9.9	3	7.2	S	10.7	4	9.8	5	4.7	5	10.	75	14.0	19		
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Ţîme	Unit Vacuum	Total Flowcate	FOX Temp	TOX Inlet		Sunger		Stinger							Vacuum	DTW (A)	Vacuum "H.O	DTW (ft)		DTW
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rnoo	15	225	1403	2830							[9.20	1.3				-		
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1400	15	199	1403	2930																
10-18																				
OPO	15	204	40	280																
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1200	15	201	1400	2780									9.23	13						
1000	15	20	1401	2540										·					·	· · · · ·
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10-19		·										-			ì					
0400	15	215	140	2480	803	Ready	828	WWW	806	Rimit	797	WWW./	9.23	1.3						
0600	15	195	1400	Flo10	793	Phin	83	King	801	Arrid	833	Viny	9:24	13						
1200	15	205	1403	2330	721	RAW	798	Print	<u>910</u>	RANN	8010	Reind	9.25	13	14.75	2.3	14.49	0.2		
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CALCLEAN INC.

Project L	ocation: 9	89 41ST	STREET			City: Of	KLANE)	Site	#: CAL	FORNIA	LINE	N		Dat	e: 0/	9/2006	(7)	14) 734-91 Page 4A c	37 xi
Client: C	ALIFOR	NIA LINE	N		,		Operato	or (s): <u>/</u>	<u>11/58)</u>	\B									· -++	A
Initial Day	the to Crow	and water/			Well 1:	22	We##2:	-1	Well #3:	-3	Well #4:	6	Wali #5: E	-7	Well #B	MW-1	weii #7:]]	-1	Wel1 #8:	
Screen In	iterval	nowaten	-P		210	3	-4:2	00	10.2		9.9	<u> </u>	<u> </u>	2	16	75	14.40			
Time	¹ Unit	Total	тох	TOX injet		Stinger	<u> </u>	Stinger	- ~!		24.0		1400	ŕ	da.		-22.4C	0.77.44	······	
1	Vacuum	Flowrate	Temp.	Conc.		Depth		Depth]		1		"H ₂ O	(ft)	vacuum "H ₋ O	(ff)		- MD MD
	("Hg.)	(scím)	(degF)	(ppmv)	IRY	(feet)		(feet)	DRY	[TRY	i	D+w/	161	· · ·		AIR CP	alne		19
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2/00	13	219	1403	1731	1531	PCh Y	1920	PPray	1787	PPnV	1D1	Damy/	ł		7765	drun /			}	
2200	13	223	1401	1799	1527	PImV	1161	₽Dm √	18h	DOwn	100	0Pmil			210	101				·
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Nr:D	12	-20	11601	Iber 2	1210	9 Pont	120	ETTON .	1000	CD.	118 3			1.5	200	rimy				
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(LAD	12	210	1105	1123	ALA ALA	Powl	1100	MAY AND	17.18	MANY	1191	MW	4.25	1.3	1436	mv				
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10-4					0			<u> </u>					<u>No F</u>							
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auci	5	225	102	1283	830	Pm/	1115	199m√	910	PANI	835	PATY	00	Ged	1402	PPm				
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Commen	nts:															······		~~~ <b>.</b>		

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Oct 25 06 12:07p

CALCLEAN INC. (714) 734-9137

Project L	ocation: 9	89 41ST	STREET			City: OA	KLANE	)	Site	#: CAL	<b>IFORNIA</b>	LINEN	1		Dat	e: <u> 0</u> 2	2/ 2006	F	Page 5Ao	f
Client: C	ALIFORI	NIA LINE	N		<b>1</b>		Operato	or (s): <u>/</u>	like	$\mathbf{N}$	OT			·		•				
					Weil#1:{	5-Z	Well#2:	E-I	Well #3E	-3	Well #4: E	-6	Well #5: E	-7	Well #6:/	1W-)	Well #7:	[-]	Well #8:	
Initial Dep	oth to Grou	indwater/F	P		9.0	13	7.7	-5	10:	11	4.5	2	8.7.	3	16	75	.[4.7	19		
Time		Total	TOY	TOX Inlat	124	N() Stinger	<u>a().</u>	<u>00</u>	240	<u>&gt;//</u>	24.1	<u>}/</u>	214	<u>}/</u>	22.	30	32.	10		
11110	Vacuum	Flowrate	Temp.	Conc.		Depth		Depth							Vacuum °H₀O		Vacuum "H ₂ O	DTW (fft)	Vacuum "H _e O	DTW (ft)
	("Hg.)	(scfm)	(degF)	(ppmv)	DRV	(feet)		(feet)	TRY		DXY		DH1/	VOT			AIR SP	arap		(14
10.99					E	231	E	23'	E	23'	E	231			E	201		<u></u>		
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Commer	nts'.		····						<u></u>	-11				<b>R</b>					,	

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CALCLEAN INC.

(714) 734-9137

Project Lo	cation: 9	89 41ST :	STREET			City: OA	KLAND		Site f	#: CAL	FORNIA	LINEN			Date	1072	5/ 2006	F	age _ of	
Client: C/	ALIFORM	IIA LINEI	N				Operator	r (s):	BER	NA	RDO									
					We##1:	E-2	well#2: E		Well #3: E	-3	Well #4: E	-6	Well #5; E	-7	Well #6:N	nW-1	Well #7: ]	- 1	Well #8:	
Initial Dep	th to Grou	ndwater/F	Ρ		٩.	93	7.	25	10	21	9.	85	8.	3	16.	15	_19.	49		
Screen Inl	erval															07044				
Time	Unit	Total	TOX	TOX Inlet		Stinger Denth		Stinger Depth					DTW	VAC	Vacuum "H ₂ O	DI₩ (ft)	<b>∨ас∪ит</b> "Н₅О	(ft)	vacuum ″H₂O	(ft)
	vacuum	riowiale	(dogE)	(oomid)	DOV	(foot)		(feet)	ORY		NRY		N   V4	VAC		(	AIR ST	LOGE	. 2.	(
16.60	(ng.)	(schir)	(uegr)	(ppnia)	PR/	22'	r.	77'	F F	731	F	72'			F	26'	/	175 C.I &		
10/25		224	1402	1/7/	L	22	1171	PANA	dur	D.D.M.S	1736	PDM	135	a 19	1540	DBANV			t	
0400	15	125	1105	0:0	1007	PYNCY Door	11176	antist	172	1.1.1.1	1230	1 (.)A3B	1.3	1.1.	1617	BP VIII				
0000	10	111	1401	1911	1210	PPICA	1410	Po L	1390	h p Ania	1/12	DAM		7-20	1015	PULAS				
1700	16	220	1905	· <u>/150</u>	1515	PPMV	1413	PPMU	1311	0.01.14	020	David	140	4 75	1013	PDAG				
160.	15	120	1402	2340	1215	PPMV	1540	PPMV	1946	PPAN	1059	r Plan	1. 10	9.3)		Oana	l	~	┣───╊	
2000	15	123	1-1	1520	1215	PPMY	1916	ppmy	1522	T F MU	1411	r VIAN.	$\frac{1}{1}$	9.96	2010	PAR	<b></b>		┠†	
100	15	2 3		2780	1941	PRWA	1500	KNUM	199	<b>b.h.</b> W/i	1370	PA Gove	1. 30	1, 54	1220	T [] 45.4			┠───╀	
	L				<u> </u>	┣───	ļ		<u> </u>		<b> </b>		<b> </b>							
10/26									l				<b>_</b>				<b>]</b>	<u> </u>		
0400	15	225	1405	2610	10.0	ļ	<u> </u>					i		0	1015		]			
1800	15	227	140	2580	1462	PPMV	1312	PPINY	2010	PPMY	1226	PPMU	1.40	9.71	1947	Prinv	<b> </b>	·	┠───┼	
1200	15	220	402	2750			ļ		ļ	ļ			<b> </b>		<b> </b>		<b> </b>		<b> </b> +	
1621	15	231	403	2870	<b></b>		<b></b>		<b></b>	<b></b>	<b></b>	<u> </u>	ļ	┣───	<u> </u>		<b></b>	<u> </u>	┨───┤	
2000	15	220	1402	2890	2		<b>_</b>	<b></b>				<u> </u>	· · ·	ļ	<b>_</b>	ļ		<u> </u>	┠───┤	
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10/27								ļ		ļ	ļ		ļ					<u> </u>		
0400	15	231	1409	2750	<u> </u>		ļ	ļ	ļ	L	ļ	ļ	· · ·			ļ	ļ	<u> </u>	┦┦	
08.6	15	229	1405	2830	1396	PPMV	1427	PPNAY	2340	PPM	1219	PPMAN	1.40	9.79	1926	PPMV	·		┫ ───┤	
1200	lis	225	1409	2270						<u> </u>	<b></b>	<u> </u>	ļ	ļ	ļ	<b> </b>	ļ	<b> </b>	<b> </b>	
1600	15	721	1408	2730						L			<b></b>		ļ	ļ	<b></b>	<u> </u>	┠───┤	
2000	15	225	1400	2610						ļ		<u> </u>	ļ	ļ	ļ	ļ	ļ	<u> </u>	┠───┤	
	T ****									<u> </u>		ļ	<u> </u>	<b></b>	<b> </b>	<b> </b>	ļ	<u> </u>	╏───┤	
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Comme	nts:		·····													·		·		
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CALCLEAN INC. (714) 734-9137

Operator (s):	
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Initial Depth to Groundwater/FP     9,93     7.25     10.21     9.85     9,73     16.75     14.49       Screen Interval     Time     Unit     Total     TOX     TOX Inlet     Stinger     DTW     VAC     DTW     Vacuum     DTW     Vacuum     DTW     Vacuum     TH20     (ft)     "H20     (ft)     (ft)     (ft)     (f	í
Screen Interval     Total     Total     TOX     TOX Inlet     Stinger     DTW     Vacuum     TH_2O     DTW     TH_2O	
Hirtle     Unit     Hotal	DTW
("Hg.) (scfm) (degF) (ppmv) (feet) (feet)	(ft)
10/28 E 23'	
	<u></u>
0400 15 226 1405 2530	
0800 15 278 1402 3650 1819 PPMV 1692 PPMN 2410 PPMN 1976 PPMV 2270 PPMV	
1200 15 7.25 1407 3810	<u> </u>
1600 15 719 1405 2770	
2000 15 730 1402 2620	
10/29	
0470 15 221 1401 2750	<u> </u>
0200 15 225 1404 2420 179 OPPMN 1329 PPMV 2640 PPMN 153 TPPMN CLOSED 1920 PPMV	
1200 15 230 1402 2130	· .
1600 15 231 1401 2170	
2000 15 320 1400 2220	<u> </u>
	<u></u>
16/30	
0400 16 121 1408 2240	
0800 15 227 1405 25 810 1620 PPMV 1462 PPMV 2580 PPM 1499 PPMV 1.30 1.68 2350 PPMV	<del></del>
1200 15 223 1404 2620	
1600 5 228 1401 12570	
2000 15 225 1406 2580	
Comments:	
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CALCLEAN INC. (714) 734-9137

#### Date 10 /31/ 2006 Page 8 of City: OAKLAND Site #: CALIFORNIA LINEN Project Location: 989 41ST STREET Operator (s): BERNARDO Client: CALIFORNIA LINEN Well#2: F-) Well#3: F-3 Well#4: E-6 Well#5: E-7 Well #6 NW - | Well #7: [ -Well#1: E = 2 Well #8: 8.73 14.49 Initial Depth to Groundwater/FP 9.93 7.25 10.21 9-85 16.75 Screen Interval DTW DTW Vacuum DTW Stinger Stinger Vacuum Vacuum TOX TOX Inlet Time Unit Total VAC DTW "H2O (ft) "H₂O (ft) "H2O (ft) Flowrate Depth Depth Vacuum Temp. Conc. ("Hg.) (scfm) (degF) (ppmv) (feet) (feet) E 23' F 23' F Ś 10/31 E 231 -231 20' A 1 0400 15 225 1405 2310 1710 PPMN 1390 PPINN 7640 PPINN 1611 PPINN 1, 30 9.41 2140 PPMV 403 7400 0800 227 15 1404 2430 778 1200 15 1409 2460 15 600 726 727 1-106 7480 2000 15 11/1 1407 2470 778 0400 15 1406 2530 1730 PPMV 1382 PPMV 2640 PPMV 1584 PPMV1.30 9.37 2130 PPMV 226 0800 15 14072580 777 1200 15 15 230 1402 2420 1600 15 225 1406 2400 2000 11/2 275 404 2380 0400 15 15 220 406 2350 1710 PPMV 1356 PPMV 2470 PPMV 1565 PPMV 1.30 9.36 2090 PPMV 0900 15 231 14012310 1200 15 226 1405 2290 1600 1411 2260 2000 15 237 11/01 TOOK CONSINED VAPOR SAMPLE @ 130. TUOK E-1@ 140. 5-6 @ 155. E-2 @ 1210 Comments: F-3 @ 1225. MW-1@ 1235.

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CALCLEAN INC.

			•		F7	~	operato	~ 1	+	~ ~	101-11-140.	1	-	· ~ 1	Mall #8. N	N11-1	T	- 1	Mall #0.	
			<u> </u>		Weli#1:	- 1	Weli#2:	<u> </u>	Well #3:	2-3	VVeii #4. [	6 0E	Weli #5:		1 6	76	VVeii #7:1	40	vven #o;	
nitial Dep	th to Grou	ndwater/F	P			93		15	10.	<u></u> 1		02	Q. ·			1.2	<u> </u>	- <u>1</u> -1		
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					VAC	DTW	Vacuum "H₂O _,	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTV (ft)
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(teet)	~		-	001			F	201	<u>A</u>	~		
1/3					<u>t</u>	2.3'	<u> </u>	23'	E	23	<u>L</u>	23			<u> </u>	<u> </u>	<i>r</i> ;			
01100	3	220	1406	2100																
2900		230	100	2120	15/1	PPNNY	1291	PPMV	2010	PPMV	1472	PPMV	1.40	9.64	1952	PPMV				
2000	15	160	H DQ	2010	1.200		14 11		2010	1 1 1 1 1	<u>(*179</u>	1			1					
1600	IE IE	770	1400	7700									1				1			
2000	15	225	1411	2170																
		520		2.74	1	<u> </u>														
11/4															ļ					
														ļ	ļ		ļ	ļ		
0400	15	231	1407	2120				ļ		ļ		ļ	ļ	ļ		ļ		ļ		
0800	15	225	1405	2056	1425	PPMV	1186	PPMV	1972	PPMV	123	PPMA	CLO	560	1801	PPMV				
200	15	220	1402	2070	<u></u>	ļ	<b></b>		<b> </b>	ļ					. 		·	<b> </b>	<u> </u>	
1600	15	223	1413	1993		ļ			ļ			+					<b></b>		<b> </b>	
2000	15	227	1406	1985		<u> </u>		· ·										┥─┶──		
11 75					-			+	<u> </u>	+		+		-						
11/5					1		<u> </u>					1		1						
0400	15	220	(413	1970	,	1	1			1				1						
UR UG	15	227	1406	1951	1392	PPMV	1151	PPMN	1945	PPM	1213	PPM	1010	FD	1783	PPMN	<u> </u>	ļ		ļ
1200	15	232	1405	1934										<u> </u>	ļ	ļ		<u> </u>	ļ	
1600	15	229	1403	1942							L		<u> </u>	<u> </u>		ļ		<u> </u>	<b></b>	ļ
2000	15	225	1405	1961																

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Project Lo	cation: 9	89 41ST :	STREET			City: <b>OA</b>	KLAND		Site #	CAL	FORNIA	LINEN			Date		2/2006	F	age 07	f
Client: C	ALIFOR	NIA LINE	N				Operato	r (s): <u></u>	<u>3 FRI</u>	IAKI	00									
					Well#1:E	-2	Well#2:	-	Well #3: E	-3	Well #4: E	- 6	Well #5: 🗜	- 7	Well #6:M	W-1	Well #7: 📘	-1	Well #8;	
Initial Dep	th to Grou	indwater/F	P		9.	93	7	.25	0.	21	9.	85	£.	73		٦ <u>5</u>	4	49		· :
Screen In	terval					01		<b>D</b> ¥-++-							Vacuum	DTW	Vacuum	DTW	Vасиил	DTW
Time	Unit	Total	TOX Temn	TOX Inlet		Depth		Depth					VAC	ФТИI	"H ₂ O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)
	("Ha)	(scfm)	(deaE)	(ppmy)		(feet)		(feet)												
11/6	(1/9.)	(30111)	(00917	(ppint)	E	7.2'	F.	72'	F	23'	μ	19'			F	20'	A	S		
11/0						63	1	65	<u> </u>											
0400	15	229	1406	1936																
0800	5	227	1402	1902	1340	PPMV	1119	PPMV	1892	PPMV	1187	PPMV	1.50	9.90	1746	PPMV		<b> </b>		
1200					CLO	SED	CLO	SED	CLO	SEU	CLO	SED			CLO	SED				
Cas	td or	park	10-8	10C														ļ		
													ļ					ļ		
11/2		<u> </u>			<b> </b>										<b> </b>					
11/8				·							<b>}</b> ∶				<u> </u>					
0200	16	274	1405	1830	OPEN		OPEN		OPTN		OPEN				OPEN					
0800	15	219	1409	1845	1158	PPMV	918	PPINV	1813	PPMAN	1016	PPMV	1-53	9,78	1623	PPMV	ļ			
1200		<u></u>			C10	SED	CLO	SED							620	SED			·	
1600	15	518	1405	1851	OPEN		OPEN		1						OPEN					
1000	15	220	1403	1863					1											
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11/9					<b>_</b>	ļ	<b>_</b>		<u> </u>	<b> </b>	·	<b> </b>		<u> </u>					+	
DUO		0.51	11102	10.117	<u> </u>				+		<u> </u>						1	+	+	
0.000			1105	1010	1121	DDMAN	(1) 017	DDNA	1700	PPIAN	987	DPMV	1.50	1.81	1568	PPM	7			
0800	1.5		1901	18 20	1121	PPILY	1052	TTAV	1199				1	++	<u> </u>	1				
1200	1.15	12.15	IHOR	1830	╂						<u> </u>					<b>_</b>		-		
1600	15	12 14	1405	11825			+	+		+	1	+	<u> </u>	+		†	1	1	1	
2001	9 15	1215	1900	1820	<u>}</u>				+		<u> </u>	+	1	+	1	+	1	1	1	
L	_L	<u> </u>	Ľ		<u> </u>		<u> </u>	<u> </u>	1		L.	<u> </u>		1	- a : n	1	1	- <i>0</i>	1 5 7	L
Comme	ents:    ·	6-06	TCE	K VA	<u>CU 014</u>	<u>1 E-</u>	1 W	TH	MAG	NF 17	<u>FFI(.</u>		$\frac{50,0}{\sqrt{2}}$	(7)	<u>PLN</u> FW 1	ND	OFA	TAD	1:14	9
<u>.40</u>	<u>, 10 c</u>	<u>r sk</u>	0 SH	UT DE D	H AL		FOR	2 40	UKS,	FUR FN	WEL	<u>, i j</u>		<u>LU (</u>	3		<u> </u>	<u> </u>	<u>4.4 1.4</u>	· · · ·
TO	r 48	CK	RADIL	IS OF	1911	-UEN	ICE_	IN	DIFER	E 14		Ç. I. I.,	<u>·&gt; •</u>				······			

CALCLEAN INC.

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(714) 734-9137 Date: 1/1/2006 Page 6 Port Site #: CALIFORNIA LINEN City: OAKLAND Project Location: 989 41ST STREET BERNARDO Client: CALIFORNIA LINEN Operator (s): Well #4: E-3 Well #5:E-6 Well #6:E-7 Well #7: MW-1 Well #8: Well#2: E-2 Well #3: Well#1: 🖵 – ( 21. 86 15.2 Initial Depth to Groundwater/FP 23.06 16.37 9.90 18.29 Screen Interval DT W Vacuum DTW Vacuum DTW Vacuum тох TOX Inlet Stinger DTW Time Total Stinger Unit DTW VAC Depth VAC VAC "H2O "H₂O Depth (ft) (ft) Vacuum Flowrate Temp. Conc. ("Hg.) (scfm) (degF) (ppmv) (feet) (feet) 24' OPEN 24 11/6 OPEN 1400 23 56 1417 316 1.09 20.4/ 1.37 15.62 0.68 9.82 4.43 17.51 1430 72 50 1410 1295 -15 19.661.42 15.34 0.72 9.414.41 17.26 64 1409 1500 22 1270 .20 19.29 1.90 15.040.51 9.77 4.47 17.02 60 1400 1198 1530 22 63 .20 8771.88 14.80 0.55 9.774 43 16.80 1242 600 22 1401 .2518.48 2.00 14.65 0.90 9.75 4.45 16.65 16:0 22 1405 1256 65 . 20 18.10 2.05 14.45 0.84 9.73 4.45 16.48 14041236 65 22 1700 1.2017.622.11 14.21 0.909.724.4616.27 61 1400/191 1730 22 64 1400 1183 CLOISED -20 17.452.05 14.09 0.98 9.72 4.48 16.09 1900 22 CLOSED 14031527 CLOSEN OPEN 24' OPEN 191 4.45 16.16 18 75 3.24 23.81 C1.0\$ED 1800 4.39 6.04 14051595 77 3.45 23.25 18 1830 4.44 15,90 1100 1575 1700 10 3.4622.77 4.59 15-76 1 1 144 1:17 7 1568 3.12 27.49 1.27 1991 3.18 22.22 5.11 1544 76 1404 15/3 . 15 1000 1403 1511 3.34 21.75 4.77 15.36 -17 2020 18 4.62 15,33 3.52 21.51 1905 1500 ηÇ 2100 A 4.65 15.16 3.55 20.64 1-103 1402 716 2136 R 4.70 14.94 18 11011476 3.58 20.25 CLOSED CLOSED 2200 18 CANT TAKE VACUUM AND DIW INSEDE BUILDING IS CLOSED Comments: )) - 6 - 06E-1

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CALCLEAN INC.

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CALCLEAN INC. (714) 734-9137

Project Lo	cation: 9	89 41ST	STREET			City: OA	KLAND	•	Site #:	CALIFORNIA		I		Date	e: <u>   / (</u>	012006	F	PagelD-Co	of
Client: C	ALIFURI	NIA LINEI	N		han t		Operato	or (s):	BEK	NALLYD	~ ~ 7			14/011 #6: 1			1		
Initial Dan	th to Grou	Inductor/E	D		Well#1: [		Well#2;	<u>- L</u>	Well #3:	VVeit #4. E	5	Well #5: -	-6			Well #7:	1.1.1	VVeli #8:	
Screen In	terval	nuwatern	F		L 3 4.	• <u>U 6</u>	······	<u>. 4  </u>			ča		6.		10	<u> </u>	<u></u>		
Time	Unit Vacuum ("Ho.)	Total Flowrate (scfm)	TOX Temp. (degE)	TOX inlet Conc.	VAC	Stinger Depth (feet)	YAC	Stinger Depth (feet)				VAC	WTO	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum ″H₂O	DTW (ft)
	(1.3.7	(	(					(								[			
7.700	7.t,	74	1400	1610	CLO	SED	4.17	20.11		CIDS	ED	2.35	17.85			OPEN	2.2'		
2220	25	25	14 ,	17.65			4.28	19.92				2.57	17.47			1			
2300		26	10 .C	1527			4.30	19.85				2.60	17.30						
233,0	25	211	1 46, 13	1493			4.34	19.74				2.63	17.12						
<u>; '}(;)0</u>	25	23	1400	1479			4.34	19.61				2-62	16.98						
2430	25	25	140!	1446			4.32	19.49				2.65	16.49						
1/7																			
bloc	25	25	1406	1418			4.30	19.78				2.58	1630						
2130	25	24	1400	1399			4-34	19.19		·		2.67	16.12						
<u>9290</u>	25	23	14:02	1376			4.37	19.04				2.69	[5.B]				ļ		
						<b>_</b>						<b></b>				<u> </u>			
												<u> </u>	<b></b>	ļ		<u> </u>			
					ļ			ļ	<b></b>		<b> </b>			ļ					
100	12	75	1406	1576	0.00	23.67		ļ	<b> </b>	<u> </u>	2.3'	E	19'	[		<b></b>	ļ		
130	18_	77	1403	1554	0.00	21.55					ļ			<b> </b>					
200	18	74	1400	1534	0.09	18.83	ļ	<u> </u>	┫			<b></b>	<u> </u>	ļ		<b>_</b>	<u> </u>		
12.30	8	15	1401	1542	0.51	6.69		<u> </u>			<u> </u>	ļ		<b> </b>	<u> </u>	<b> </b>			
1300	18	18	1402	1330	0.60	15-00			<b> </b>			<b> </b>	┨────	┠────		<b> </b>			
1330	61		11-100	1-122	0.00	13.99	<b> </b>		╂───┼		<u> </u>	1		<b> </b>			<u> </u>		
1400	13	1.15	1400	$\frac{1519}{150}$	0.05	13.65			╂───┾			<u> </u>	<b> </b>			<u> </u>		<b> </b>	
11/0	18.	1 73	-1402	1565	0.60	12 -1	<del> </del>	<u> </u>	╂╌╌╍┼			<b> </b>		<u> </u>	<u> </u>		<u> </u>		
1500		1 100	1.143	1010	10.00	14.50		+	╂───┾		<u> </u>	<b> </b>	<u> </u>	<b> </b>	<u> </u>		<u> </u>	<b> </b>	
Comme	nts:   -	6-06	L <u> </u>	I AN	DE-	3	C Friting	Λ Υ	KF V	ACUUM	<u> 613</u>	V WE	1 t K	1   N	SIDE	BUI	LOIN	6 19	CLO

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CALCLEAN INC. (714) 734-9137

					wei#1:F	-7	Well#2:	-	Well #3:E	-3	Well #4: E	-6	Well #5: E	-7	Well #6:M	W-1	Well #7:	-1	Well #8:	
itial Dec	ih to Grou	ndwater/F	Ρ		a.	43	7.	2,5	10.	21	q.	85	8.	73	16.	75	14.	49		
creen In	lerval																			
Time	Unit Vacuum (7Ha.)	Total Flowrate (scfm)	TOX Temp. (deoF)	TOX Inlet Conc.		Stinger Depth (feet)		Stinger Depth (feet)					VAÇ	DTW	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
179	(19.7	(30///17	(dogi j	(	E	23'	Е	23'	H	23'	E	19'			E	20'	A	5		
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400	15	<b>ZI</b> 5	1401	1810		ļ		—				· ·					ļ			
800	15	20	1405	1817	1078	PPMV	1003	PPMV	1805	PPMV	927	PPMV	1 50	qqı	1542	PPMV				<u></u>
20 O	15	212	1403	1789	<u> </u>												<b> </b>		<b> </b>	
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1/10	<u> </u>					1								<u> </u>			<b> </b> -			
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1711	<b> </b>	┟────				+												:		
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9400	15	214	1401	1762			I		<b>]</b>										ļ	
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000	15	212	1405	1159					[										┠───╁	
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CALCLEAN INC.

lien: C/	<b>ALIFORM</b>	IIA LINEP	1				Operato	<u>r (s): B</u>	RAND	<u>on</u>										
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nitial Dep	th to Grou	ndwater/Fl	P		9,4	13		15	10.	и	9.	85	8.7	3	16.	75	14.	49		
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Tirte	Unlit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAC	DTW	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O 1 _{Ам}	DTW (fi) - 5 ₇ m	<b>Vacuum</b> "H ₂ O	DTW (ft)
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11/12																				
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5610	15	213	1402	1745	1766	ppmv	007.	PPMV	1781	PPMV	910	PPMV	N/A	MA	1504	PPMV				
1200	15	215	1402	1747										-						-
160	15	214	因仍至	1751								<b>_</b>								
<u>20:00</u>	15	2.10	1401	1743								<u> </u>			<b> </b>		<b> </b>			
11 3																				
очхо	15	214	1405	1732									·			-				
08:00	15	212	1402	1727	1772	PPMV	497	PFMV	1769	Prov.	915	PPAN	1.55	9.71	1494	PMIV				
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11/14																· · · ·				
OKO	15	212	1402	1710														· ;		
08:0	15	210	1403	1698	1764	PPMY	988,	PPMV	1762	PPAV	907	PPMV	155	9.68	1485	PM				
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PAGE

Well #2: E-1 Well #3: E-3 Well #4: E-6

10.21

CALCLEAN INC.

Project Location: 989 41ST STREET Client: CALIFORNIA LINEN

Initial Depth to Groundwaten/FP

City: OAKLAND

7.25

Well#1: [ - 2.

9.93

Site #: CALIFORNIA LINEN Operator (8): BRANDUNI

9.85

Well #5:E - 17

8.73

Date: 11 /15/2006

14.47

Well #8:MW-2 Well #7: I - 1 Well #8:

16.75

(714) 734-9137 Page 13 of

Screen In	tervai			····		<u>'</u>	<u> </u>	15	10.1	<u> </u>	<u> </u>	\$5	8.	13		75		41		
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<b></b>	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					VAC	DINJ			7AM-	- JPM		
	<b> </b>	ļ			Ë	23'	E	23'	E	23'	E	191			E	201	A	4		
11/15	ļ		[							]	ſ			1						
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1200	15	20	1407	1683		T							<u> </u>	+		<u></u>		<u>├</u>		
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CALCLEAN INC.

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Client	CALIFORNIA LINEN	

Project Lo	cation: 9	69 41ST	STREET			City: OA	KLAND	).	Site	#; CAL	iforni/	Line	۲.,		Dat	e: <u>     </u>	<u>8 / 2006</u>	(7 	14) 734-91 Page <u>14</u> (	37 xf
Client: C/	ALIFORI	NIA LINE	N	·	r		Operato	or (s): B	RUND	01/1					<del></del>		·····			وأناد معرجه معروبها
	Ih As Orea				Weil#1:	<u>E-2</u>	Wellik2: {	-1	vveli #3: (	5-3	Weil #4: {	-6	Weli #5: (	2-7	Well #6: ^	1W-1	Well #7: 3	-1	Weil #8:	
Screen In	in to Grau	Indwaten	P	<u> </u>	<u> </u>	93	7.	25	10.	21	¶.	85		73	16.	75_	<u> </u>	49	I	<b>.</b>
Time	Unit Vacuum ("Hg_)	<b>Tota!</b> Flowrate (ecfin)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feel)		Stinger Depth (feet)					VAC	PTN	<b>Vacuum</b> "H ₂ O	DTW (ft)	<b>Vacuum</b> "H ₂ O 7 AH	DTW (ft)	<b>Vaciuum</b> "H ₂ O	DTW (ft)
					E	231	E	2.3'	E	231	E	191			E	201	A	S		
11/18						}				<b> </b>		1				1		***	<b> </b> †	
0400	15	210	1410	1624									1		1				[]	<u></u>
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1600	15	215	1408	1624			[			1			Ī		· · ·		<b>I</b>			
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0100	15	215	11110	1597	1724	PPAN	968	18ml	1725	SPAN	846	PPMV	1.75	962	ILLES	273411	<u> </u>			
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(714) 734-9137 Project Location: 989 41ST STREET City: OAKLAND Date: // 12/12008 Page 15 of Site #: CALIFORNIA LINEN Client: CALIFORNIA LINEN Operator (s): BRANTON Well#2:E-1 Well #3:E-3 Well #4:E-6 Well #5:E-7 Well#1: E-2 Weil #8: MW - I Weil #7: I- L Weil #8: Initial Depth to Groundwater/FP 9.93 1.25 9.85 10.21 8.73 6.75 14.49 Screen interval Time Unit Total TOX **TOX Inlet** Stinger Stinger Vacuumi DTW Vacuum DTW Vacuum DTW Vacuum Flownate Temp. Conc. Depth Depth "ЊО (ft) **H**,O "H₂O (ft) (ft) DTW VAC ("Hg.) (scfm) (degF) (ppmv) {feet} (feet) 7AM--5*pm* ε 23' E 23 Ε 23 Ē 191 Ē 201 11/21 209 15 1405 1587 15 407 0400 211 1579 959 PPMV 1700 PPMV 1713 PPM1/ 837 9.59 1.78 1458 PPMV **IPPMV** 15 210 0800 1412 1574 15 211 200 1409 1566 15 213 407 1575 600 15 209 1404 1572 2005 11/22 0400 15 210 1404 1577 15 1407 1563 1689 PPMV 943 PPMV 1690 osool 215 PPMV 829 PPMV 1.82 9.57 451 PPMV 15 1401 11560 200 212 15 1410 1566 600 211 15 2000 214 14011 1561 11/23 15 214 1558 0400 MID . 15 1410 213 1554 1674 PPMV 928 PPMV 1703 0800 PPMV 817 N/A ~/4 1447 **IPPMV** PPMV 15 215 1200 1411 1559 15 1600 1412 214 1562 15 210 HID 1545 2000 . Comments:

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CALCLEAN INC.

CALCLEAN INC.

(714)	734-9137
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Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Page 16 of ____

Date: 11 /24/2006

Client: C	ALIFOR	NIA LINE	EN				Operate	or (s): <u>B</u>	<u>randor</u>	<u>v</u>										
					Wel <b>M</b> 1:	e - 2	Wal#2:	E-1	Well #3: E	-3	Well #4: {	5-6	Well #5: E	-7	Weil #8: N	1W-1	Weil #7: ]	-1	Well #8:	
Initial De	oth to Grou	undwater/F	₽		<b>વ</b> ,	93	7.	15	16,	21	9.	85	<b>5</b> .*	13	16	15	14.4	19		
Screen Ir	reen Interval Time Unit Total TOX TOX I: Vacuum Flowrate Temp. Cond ("Hg.) (scfm) (degF) (ppm)					-														
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX inlet Conc.	-	Stinger Depth		Stinger Depth					VAC	DTW	Vacuum "H₂O	DTW (fi)	Vacuum "H ₂ O	DTW ; (別)	Vacuum "H ₂ O	DTW (ft)
	("Hg.)	(scfm)	(degF)	(ppmv)	<u> </u>	(feet)		(feet)					<u> </u>				7AM-	<u>5pm</u>		
		· · · · · · · · · · · · · · · · · · ·			E	23'	<u>e</u>	231	E	23'	-E	191			E	201				
11/24																				
0400	15	214	1409	1534																
0300	15	211	1407	1541	168	PPMV	920	PPMV	1709	PMV	814	PPMV	1.80	9.53	<b>M33</b>	PPMV				
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1200	15	210	1411	1524									1	1						
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CALCLEAN INC.

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nitiel Den	th to Grou	nduatar/F	P		Wei#1;4	0-2	WMM2: 1		Woll #3: [	-5	YW81 #4: 6	: ~(~) *	Well #S: C		VVI90186: JA	1W-1	Well #7: 1	1	Wei##8:	
Screen In	terval	IUNALGUI				12		45	10.7		<u> </u>	<u>15</u>	<u> </u>	5	<u> </u>	15		ิส	·	
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)			<u></u>		VAC	DTW	Vacuum "H ₂ O	DTW (î)	Vacuum "H ₂ O 7Am	DTW (ft) -5рм	Vacuum "H _Z O	DTM (ft)
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1/27									,				1	1						
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800	15	215	1410	1482	1649	PPMV	891	prmv	1693	PPMV	184	PPMV	1.70	9.56	1414	PPMV				
200	15	212	1408	1486																
600	15	212	1407	1479				· · ·					Í							
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1/28				· · · · · · · · · · · · · · · · · · ·											<b> </b>		<u> </u>		· · ·	
3400	15	215	1407	1485	,	1									[					· · ·
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EMERYVILLE

CALCLEAN INC. (714) 734-9137

					Wel#1: E	-a	wanke: F		Wall #3: F	3-3 I	Well #4: [	2-6	Well #5: E	-7	Weli #6:/	ML/-1	Well #7:	-	Well #8:	
nitial Dep	th to Grou	ndwatenF	P		9.9	Э	7.2	5	10.2	Ĩ	9,85	•	8.73		16,7	5	14.4	9		
Screen In	terval		·····	· · · ·							· · ·									
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					h/AC	ni.	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTV (ft)
	("Hg.)	(scim)	(degi-)	(ppmv)		(1991)	<u> </u>	(ised)		501		101		V W	<u> </u>	701	1.9m			
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ound	15	212	1414	1479						<u>i</u>								:		_
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1200	15	208	1418	1471																
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CALCLEAN INC.

(114) 734-9137 Project Location: 989 41ST STREET City: OAKLAND Date: 12/3/2006 Site #: CALIFORNIA LINEN Page 19 ol Operator (s): Patfick Client: CALIFORNIA LINEN Well #2: E-1 Well #3: E-3 Well #4: E-6 Well #5: E-7 WollE1: F-2 Well #6: MW-) Well #7: I-) Well #8: Initial Depth to Groundwaten/FP 9.93 10.21 7.2.5 4.65 8.73 16 75 14.49 Screen interval Time Unit Total TOX **TOX Inlet** Stinger Stinger Vacuum DTW Vacuum Vacuum DTW DTW Vacuum Flowrate Temp. Conc. Depth Depth "H5CI (11) "H₀O (ft) њо (ft) ("Hg.) (scfm) (degF) (ppmv) (feet) (feat) VAC DHW 7Am--5Pm 23' 23 F Ξ E [3.3]E 19 E 20' 12/3 2400 5 າງ 1419 11483 1646 PPMV 875 PPMV 1670 PANV 765 PPMV N/A W/A14,18 PPMV 15 14261481 7008( 218 15 220 428 479 1200 14131476 217 1600 15 2000 15 210 1415 1471 2:14 219 1424 1477 0400 15 1417 1475 1648 PRAV 873 PRAV 1667 PRAV 762 PRAV 1.72 956 1414 PRAV C 800 15 217 200 15 215 1409 1172 600 15 1469 จาก 1411 2000 15 2/2 14/14/14/56 12/50400 15 208141914.70 11/22 1467 1647 19m 871 PAN 1665 Pm 758 1mv 1.70 8.76 1414 PM 0200 15 216 10261463 1200 15 210 600 3.19 1406 1460 15 2000 15 215 14 7 146 1220 Shut Down: Change Fuse, Restart @ 1350, Comments: 12/5 (2)

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CALCLEAN INC.

Client: CJ	LIFORM	<b>VIA LINE</b>	N					- 7	1.6.0	1/ 1/			-					E C	aga 🖂 c	A
			14			5.7	Operato	r (s): <u>/(</u>	TIC	K		- 7-						<u> </u>		
Initial Close	is to Crow	Inducator/E	0		TYDEFT:	2	Well#2:		Wei #3	-0		-0	Viei #5: [;		Well #6:/	<u> 1W-1</u>	Well #7: _		Well #8:	_
Screen In	erval		<u> </u>		1	3		-3	0.0		-410	12	10.1	<u>J</u>	10.7	15	14.4	<u>q</u>	·	
Time	Unit Vacuum ("Hg.)	Totel Flowrate (scim)	TOX Temp. (degF)	TOX inlet Conc. (ppmv)		Stinger Depth (fect)		Stinger Depth (feet)					vac	0	Vacuum "H ₂ O	DTW (R)	Vacuum ¹⁴ 20 7Am	otw (11) -5Pm	Vacuum "H ₂ O	DTW (#)
			·		E	23'	E	1 <i>3</i> ′	E	23'	E	191			E	20'				
12/6						·														
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09500	15	223	1414	1473	1645	Panil	872	PPmil	1661	19ml	756	PmV	1.70	858	11.16	Point			┝╼╍╼╸╉	
1200	15	3-19	1476	1473																
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Comme	nts: 12	190	200	Two	Val.	»C 9%	MOR	2:	Com	JIN P	- Tul	APPR	W)							ł

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PAGE

CALCLEAN INC.

(714) 734-9137 Date: 2,9/2006 Page 21 of Project Location: 989 41ST STREET City: OAKLAND Site #: CALIFORNIA LINEN Patrick Client: CALIFORNIA LINEN Operator (s): Well #1: E-3 Well #4:E-6 Woll#1: E-2 Well #5: E-7 Well #6, Mul-1 Well #7: I-Walke E-Well #8: Initial Depth to Groundwater/FP Screen Interval linit TOX TOX Inlet Stinger Time Total Stinger Vacuum DTW Vacuum DTW Vacuum DTW Vacuum Flowrate Temp. Conc. Depth Depth "H₂O "H₂O (ft) "H₂O (ft) (ft) VAC DHW 7AM-+517M ("Hg.) (scfm) (degF) (ppmv) (feet) (feet) E 13 23' 231 19' E F F E 20' 1270 (MAA 292 419 1475 15 1642 PPm 873 PPm 659 PPm 749 PPm N/A N/A 14 13 PPm 15 1473 CKOU ୦ର S 1211 15 1408 146 lim 2000 15 219 11117 llu 212 1477 1410 15 1640 PHIN 871 PRIV 1656 PRIV 747 PRIV N/A N/A 1410 PRIV ۰Ŝ 210 1408 1475 216 1472 1415 15 ..... 5 214 1140.5 1457 15 217 405  $2\partial \Omega$ 15 220 1408 1474 1641 PANY 869 PANY 658 PANY 745 15 22 PAN/ 75 1473 858 1411 PAN 5 ٦ 1470 20 li Uo 15 215 11/12 1468 15 1405 1463 210 2772 comments: Took Valor Samples: Combine @ 1200/E-201205, E-601210, E-301215, E-101220-MW-10 1225

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# HIGH VACUUM DUAL PHASE EXTRACTION - WATER METER FIELD DATA SHEET

Operator (s): MINEL FOTT

CALCLEAN INC. (714) 734-9137

Project Location: 989 41ST STREET

Site #: CALIFORNIA LINEN

Date: 10 112/2006 Page _____ of

Client: CALIFORNIA LINEN

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Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative	24-hr	Date	Time	Water Meter	Cumulative	24-hr
10.12		2102.00			10-72		recording	Amount		<u> </u>		Reading	Amount	Diff.
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10-3						2000	351640	11390	Jun					
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10-14						2000	351090	4720	200					·
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	2000	349190	1930	1260		0800	352170	4910	530					_
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	Óż 🛸	3495.70	1,7110	447	0/25	,		-Jers						
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10-10									7.1-					
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<u>10-11</u>														
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10-18						-		· · · · · · · · · · · · · · · · · · ·				w		
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	040	341/220	26(0	P										
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10-20														
	3800	352320	Ty Carl	Gr-										
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[H21]		and and have the												
	240[	55110												
	2010	351200	3940	430										
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HIGH VACUUM DUAL PHASE EXTRACTION - WATER METER FIELD DATA SHEET

CALCLEAN INC. (714) 734-9137

Page 1 of

Date: 11 /11 / 2006

Project Location: 989 41ST STREET Client: CALIFORNIA LINEN

City: OAKLAND

Site #: CALIFORNIA LINEN Patrick Operator (s): BRANDON

Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.
START	10/12	347260	Ø	Ø	11/21	0300	368190	20930	500	12/3	0800	374950	27690	580
11/1	0000	212700	ICERD	Ean		<u> </u>			<u> </u>	5 11	0000	275500	74322	E273
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11/17	0800	363 100	15860	360		<u> </u>				12/3	polo		+	<u> </u>
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1						<u> </u>								1 .
11/13	9800	363650	16390	510						12/7	0800			
					비꿘	0800	369130	22470	510					
						-				12/8	0800			
11/14	0800	364280	17020	630										
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	<u> </u>		10	_	11/32	<i>psoo</i>	375200	25940	180		 			
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				+	12/1	0700	26001	26310	16.3U					
11/20	10000	367100	20420	560	175	nonn	270 270	27110	FUM					
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94 PAGE **CalClean High Vacuum Dual Phase Extraction and Treatment Event Report, January 8, 2007**

CALCLEAN INC.

"A Partner in Protecting California's Waters"

January 8, 2007

California Linen Rental Company 989 41st Street Oakland, CA 94608

- ATTN: MR. JOEL PITNEY
- SITE: CALIFORNIA LINEN 989 41ST STREET OAKLAND, CALIFORNIA
- RE: HIGH VACUUM DUAL PHASE EXTRACTION AND TREATMENT EVENT REPORT

Dear Mr. Pitney:

CalClean Inc. is submitting this High Vacuum Dual Phase Extraction and Treatment Event Report for the above referenced site. This report includes all activities performed during the dates of October 12 to December 11, 2006.

From October 12 to December 11, 2006, CalClean performed a 30-day high vacuum dual phase extraction (HVDPE) event on several onsite wells using a low-noise, truck-mounted 450-CFM high-vacuum liquid ring blower along with a Bay Area Air Quality Management District (BAAQMD) various locations permitted propane-fired thermal oxidizer (Plant No. 12568). This technology allows hydrocarbons to be simultaneously removed from the vadose zone, capillary fringe, and saturated soil zone. A high vacuum was applied for vapor extraction and drawdown of the groundwater table around the extraction wells, while vacuum and vapor flow rates were modified to optimize recovery of vapor, free-product (if any) and dissolved-phase hydrocarbons.

During the event, the high vacuum dual phase extraction (HVDPE) system was connected to various wells individually or in combination. After a short-term test was conducted in several extraction wells, high vacuum dual phase extraction was performed at various times in wells W-1, E-2, E-3, E-6, E-7 and MW-1. On October 19, 2006, air-sparging using an oil-free air compressor was conducted in wells I-1 and I-2. HVDPE activities were conducted for a total of 60 days during the HVDPE event.
Vapor samples were collected in Tedlar bags from each extraction well when first connected, during the event and then again at the end of the event. Combined influent samples were also collected during the event. The laboratory results, listed in Table 1 and laboratory reports included in Attachment 1, indicate the following:

- The starting Total Petroleum Hydrocarbons as Gasoline (TPH-G) vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 2,650 ppmv, 860 ppmv, 2,370 ppmv, 3,700 ppmv, and 8,800 ppmv, respectively. The ending TPH-G vapor concentrations were 203 ppmv, 213 ppmv, 180 ppmv, 123 ppmv, and 182 ppmv, respectively. The TPH-G vapor concentration in well E-7 was 344 ppmv. The starting and ending Combined well TPH-G vapor concentrations were 1,310 ppmv and 266 ppmv, respectively.
- The starting Benzene vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 18 ppmv, 0.39 ppmv, 23 ppmv, 20 ppmv, and 68 ppmv, respectively. The ending Benzene vapor concentrations were 0.45 ppmv, 0.5 ppmv, 0.35 ppmv, ND<0.025 ppmv, and 0.5 ppmv, respectively. The Benzene vapor concentration in well E-7 was 0.44 ppmv. The starting and ending Combined well Benzene vapor concentrations were 8.5 ppmv and 0.9 ppmv, respectively.

The total equivalent amount of hydrocarbons recovered through vapor extraction during the 60day event was 8,843.73 pounds (based on laboratory data), and 7,958.26 pounds (based on the Horiba field organic vapor analyzer data) with an average of **8,401.00 pounds**. The cumulative tabulation of recovered hydrocarbons (based on laboratory data) is provided in Table 2. The cumulative tabulation of recovered hydrocarbons (based on the field organic vapor analyzer data) is provided in Table 3. These results indicate that dual-phase vacuum extraction using a mobile high-vacuum system is acting as an effective remedial technology at this site in reducing Total Petroleum Hydrocarbons as Gasoline, BTEX and MtBE constituent concentrations in the vadose and saturated zone.

The total volume of hydrocarbon-affected groundwater recovered from the extraction wells during the HVDPE event was approximately 32,250 gallons. The extracted water was treated onsite in a granular activated carbon canister system in accordance with the sewer discharge requirements for the city of Oakland.

The following attachments are included to document the HVDPE event at the site:

Table 1	Results of Laboratory Analysis of Influent Vapor Samples
Table 2	High Vacuum Dual Phase Extraction Spreadsheet (using Lab Data)
Figure 1	Total Inlet HC Concentrations versus Time (60-Days, Using Lab Data)
Figure 2	Cumulative HC Recovered over 60 Days (using Lab Data)
Table 3	High Vacuum Dual Phase Extraction Data Spreadsheet (using Horiba Data)
Figure 3	Total Inlet HC Concentrations versus Time (60-Days, Using Horiba Data)
Figure 4	Cumulative HC Recovered over 60 Days (using Horiba Data)
Attachment 1	Laboratory Reports
Attachment 2	High Vacuum Dual Phase Extraction Field Data Sheets

It has been a pleasure as we continue to work on this project. If you have any questions regarding this report, please contact us at (714) 734-9137 or via cell phone at (714) 936-2706.

Sincerely,

CALCLEAN INC.

NollShenn "

Noel Shenoi Principal Engineer

Attachments

Cc: Mr. Paul King, P&D Environmental

Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-1	10/13/2006 0500	2,650	18	276	62	87
E-1	11/1/2006 1140	1,750	3.6	1.3	19	70
E-1	11/11/2006 0850	1,490	9.7	8.9	6	24
E-1	12/11/2006 1220	203	0.45	1.4	0.78	4.9
E-2	11/1/2006 1210	860	0.39	2.2	11	38
E-2	11/11/2006 0900	458	0.7	2.2	3.3	18
E-2	12/11/2006 1205	213	0.5	1.7	1.1	6.4
E-3	10/13/2006 1000	2,370	23	53	20	69
E-3	11/1/2006 1225	1,040	2.6	5.4	9.2	42
E-3	11/11/2006 0910	570	0.67	2	3.8	21
E-3	12/11/2006 1215	180	0.35	1.4	1.1	6.7

(Contd.)

Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-6	10/13/2006 0100	3,700	20	115	78	330
E-6	11/1/2006 1155	962	2.4	5.3	11	40
E-6	11/11/2006 0920	619	0.67	2.1	4.1	22
E-6	12/11/2006 1210	123	ND<0.025	0.74	0.94	5.4
E-7	10/13/2006 1400	344	0.44	3	1.2	3.6
	10/12/2006 2200	8,800	68	228	73	255
MW-1	11/1/2006 1235	1,260	3.2	7.2	11	44
MW-1	11/11/2006 0930	1,060	6.7	6.8	5.1	24
MW-1	12/11/2006 1225	182	0.5	1.4	0.65	4.5
COMBINED	10/13/2006 1600	1,310	8.5	8.4	13	38
COMBINED	10/17/2006 1400	1,360	8.8	8.9	13	39

(Contd.)

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Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	10/19/2006 1300	2,560	9.6	44	44	171
COMBINED	10/19/2006 1500	6,580	28	139	75	224
COMBINED	10/24/2006 1200	1,950	7.1	16	12	26
COMBINED	10/29/2006 1700	3,540	12	27	68	249
COMBINED	11/1/2006 1130	1,080	3.1	7.3	11	40
COMBINED	11/3/2006 1600	2,100	9.5	14	14	51
COMBINED	11/10/2006 0010	6,500	63	28	12	39
COMBINED	11/11/2006 0840	1,760	13	11	5.6	23
COMBINED	11/17/2006 1210	1,160	7	14	6	16
COMBINED	11/22/2006 1200	426	2	12	2.2	6.2
COMBINED	11/27/2006 1200	832	4.3	15	3.9	12
COMBINED	12/1/2006 1200	476	1.5	4	2.9	11

(Contd.)

Table 1RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLESCalifornia LinenOakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	12/8/2006 1200	3,000	40	117	1.3	1.7
COMBINED	DMBINED 12/11/2006 1200		0.9	2.2	1.4	8.3
Notes:	╶┹╾╾╾╼╼╼╼╼╼╼╼		<u> 4</u>	<u></u>		
ppmv	= parts per million by volume	4	THP-G, BTEX	analyzed by EPA 8015/8	3021	
TPH - g	= total petroleum hydrocarbons	- gasoline				

CalClean Inc.

		SYSTEM P	ARAMETERS					
TIME	Average System Vacuum	Average Total System Inlet Flow	Influent Concentrations Post-dilution*	Hydi	Hydrocarbon Recovery			
	(in of Hg)	(scfm)	(ppmv)	(lbs)	(gal)	(Cumul. lbs)		
10/12/2006 18:00	25	22	535	0.00	0.00	0		
10/13/2006 1:00	25	27	3,700	4.94	0.79	4.94		
10/13/2006 5:00	25	25	2,650	4.50	0.72	9.44		
10/13/2006 10:00	25	26	2,370	4.36	0.70	13.80		
10/13/2006 14:00	25	24	344	1.85	0.30	15.64		
10/13/2006 16:00	15	210	1,310	2.63	0.42	18.28		
10/17/2006 14:00	15	201	1,360	351.11	56.20	369.39		
10/19/2006 13:00	15	295	2,560	311.04	49.79	680.43		
10/19/2006 15:00	13	230	6,580	32.67	5.23	713.10		
10/24/2006 12:00	16	215	1,950	1,511.65	241.96	2,224.75		
10/29/2006 17:00	15	231	3,540	1,041.78	166.75	3,266.53		
11/1/2006 11:30	15	226	1,080	477.90	76.49	3,744.43		
11/3/2006 16:00	15	229	2,100	258.56	41.39	4,002.98		
11/10/2006 0:10	15	211	6,500	1,959.87	313.71	5,962.86		
11/11/2006 8:40	15	210	1,760	384.68	61.57	6,347.54		
11/17/2006 12:10	15	213	1,160	620.12	99.26	6,967.66		
11/22/2006 12:00	15	212	426	274.93	44.01	7,242.59		
11/27/2006 12:00	15	212	832	217.86	34.87	7,460.45		

CalClean Inc.

Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data) California Linen, Oakland, CA

		SYSTEM P	ARAMETERS			
TIME	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	Hydr (lbs)	<u>ocarbon Reco</u> (gal)	very (Cumul. lbs)
12/1/2006 12:00	15	213	476	181.65 29.07		7,642.10
12/6/2006 12:00	15	219	3,000	613.34	98.17	8,255.44
12/11/2006 12:00	15	222	266	588.29	94.16	8,843.73
	TOTAL HC	RECOVERED* - LA	AB DATA	8,843.73	1,415.56	1
	TOTAL HC	RECOVERED** - F	IELD ANALYZER DATA	7,958.26	1,273.83	
:	Average HC F	Recovered*** (Fiel	d Analyzer/Lab Data)	8,401.00	1,344.70	

TOTAL GROUNDWATER EXTRACTED

32,250

in of Hg = inches of mercury

T

ppmv = parts per million by volume

lbs = pounds

scfm = standard cubic feet per minute

gal = gallons

* Concentration data based on laboratory data.

** Based on Horiba field analyzer data.

*** Average HC Recovered using Laboratory and Horiba data





	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Denth)	Well # E-2 (Stinger Denth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (u	Irocarbon Reco sing Horiba Da	wery ita)
10/12/2006 18:00		Depuij	Depinj	Debili)	Dep(n)			(ppmv)	(ppmv) -	(IDS)	(gai)	
10/12/2006 10:00						25	22	535	3	0.00	0.00	0
10/12/2006 19:00						25	23	2,260		0.43	0.07	0.43
10/12/2006 20:00					·····	25	28	3,510		1.00	0.16	1.43
10/12/2006 21:00						25	25	3,980		1.35	0.22	2.78
10/12/2006 22:00						25	30	3,410		1.38	0.22	4.16
10/12/2006 23:00						25	28	3,930		1.45	0.23	5.61
10/13/2006 0:00						25	22	2,010		1.01	0.16	6.62
10/13/2006 1:00						25	27	1,909		0.65	0.10	7.28
10/13/2006 2:00						25	29	1,802		0.71	0.11	7.99
10/13/2006 3:00						25	21	1,833		0.62	0.10	8.60
10/13/2006 4:00						25	20	1,110		0.41	0.07	9.01
10/13/2006 5:00						25	25	1,010		0.32	0.05	9.34
10/13/2006 6:00						25	28	1,130		0.39	0.06	9.73
10/13/2006 7:00						25	26	1,180		0.42	0.07	10.15
10/13/2006 8:00						25	26	410		0.28	0.05	10.43
10/13/2006 9:00						25	30	192		0.11	0.02	10.55
10/13/2006 10:00						25	28	625		0.16	0.03	10.71
10/13/2006 11:00						25	24	797		0.25	0.04	10.96
10/13/2006 12:00						25	23	895		0.27	0.04	11 23
10/13/2006 13:00				· · · · · ·		25	26	701		0.27	0.04	11.50
10/13/2006 14:00						25	25	530		0.21	0.03	11 71
10/13/2006 15:00						25	29	302		0.15	0.02	11.86
10/13/2006 16:00						15	210	6 990		5.03	0.02	17.70
10/13/2006 20:00						15	181	5 120		64 47	10 32	82.26
10/14/2006 0:00						15	183	4 310		A6 73	7 / 9	120.00
10/14/2006 8:00						15	100	4,310		90.07	140	210 07
10/14/2006 12:00						15	201	4,000 3,330		09.01 A1 72	6.68	210.07

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM PARAMETERS						
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Vvell # E-6 (Stinger Depth)	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (L	Irocarbon Reco Ising Horiba Da	very ta)	
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(Ibs)	(gal)	(Cumul. Ibs)	
10/14/2006 16:00						15	183	3,510		35.76	5.72	296.34	
10/14/2006 20:00						15	195	3,470		35.92	5.75	332.27	
10/15/2006 0:00						15	191	3,480		36.52	5.85	368.79	
10/15/2006 8:00						15	187	3,410		70.92	11.35	439.71	
10/15/2006 12:00						15	193	3,370		35.08	5.61	474.79	
10/15/2006 16:00						15	190	1,880		27.38	4.38	502.16	
10/15/2006 20:00						15	200	1,980		20.50	3.28	522.66	
10/16/2006 0:00						15	195	1,835		20.52	3.28	543.18	
10/16/2006 6:00						15	203	2,130		32.23	5.16	575.41	
10/16/2006 8:00						15	199	2,280		12.07	1.93	587.47	
10/16/2006 12:00						15	208	2,940		28.93	4.63	616.40	
10/16/2006 16:00						15	215	3,080		34.67	5.55	651.07	
10/16/2006 20:00						15	220	3,970		41.75	6.68	692.82	
10/17/2006 0:00						15	210	4,210		47.89	7.67	740.71	
10/17/2006 4:00						15	193	2,970		39.40	6.31	780.11	
10/17/2006 4:00						15	205	3,310		0.00	0.00	780.11	
10/17/2006 8:00						15	225	2,830		35.95	5.75	816.05	
10/17/2006 12:00						15	202	2,790		32.67	5.23	848.73	
10/17/2006 16:00						15	201	3,670		35.45	5.67	884.17	
10/17/2006 20:00						15	210	3,020		37.44	5.99	921.61	
10/18/2006 0:00						15	199	2,930		33.13	5.30	954.74	
10/18/2006 4:00						15	204	2,890		31.93	5.11	986.67	
10/18/2006 8:00						15	195	2,510		29.33	4.70	1,016.01	
10/18/2006 12:00						15	1201	2,780		100.54	16.09	1,116.55	
10/18/2006 16:00						15	210	2,540		102.20	16.36	1,218.75	
10/18/2006 20:00						15	206	2,510		28.60	4.58	1,247.36	
10/19/2006 0:00						15	200	2,620		28.36	4.54	1,275.71	

	Extraction	Extraction	Extraction	Extraction	Extraction	SYSTEM PARAMETERS							
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco sing Horiba Da	very ta)	
ha bizi nin di nin di din di hai di	Deptn)	Deptn)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	_ (ppmv) *	(ibs)	(gal)	(Cumul. lbs)	
10/19/2006 4:00						15	215	2,480		28.82	4.61	1,304.53	
10/19/2006 8:00						15	195	2,610		28.41	4.55	1,332.94	
10/19/2006 12:00						15	295	2,330		32.96	5.28	1,365.90	
10/19/2006 14:00						13	230	2,260		16.40	2.63	1,382.30	
10/19/2006 15:00						13	234	2,110		6.90	1.10	1,389.21	
10/19/2006 16:00						13	261	1,980		6.89	1.10	1,396.10	
10/19/2006 17:00	····					13	260	2,110		7.25	1,16	1,403.35	
10/19/2006 18:00						13	245	2,105		7.25	1.16	1,410.59	
10/19/2006 19:00						13	223	1,610		5.92	0.95	1,416.51	
10/19/2006 20:00						13	220	1,755		5.07	0.81	1,421.59	
10/19/2006 21:00						13	219	1,731		5.21	0.83	1,426.80	
10/19/2006 22:00						13	223	1,789		5.30	0.85	1,432.09	
10/19/2006 23:00						13	225	1,740		5.38	0.86	1,437.47	
10/20/2006 0:00						13	230	1,710		5.34	0.86	1,442.82	
10/20/2006 4:00						13	233	1,663		21.26	3.40	1,464.08	
10/20/2006 8:00						13	220	1,603		20.14	3.22	1,484.22	
10/20/2006 12:00						13	236	1,723		20.65	3.31	1,504.87	
10/20/2006 16:00						13	210	1,441		19.21	3.08	1,524.08	
10/20/2006 20:00						15	200	1,507		16.46	2.63	1,540.54	
10/21/2006 0:00						15	215	1,560		17.33	2.77	1,557.87	
10/21/2006 4:00						13	230	1,610		19.21	3.07	1,577.07	
10/21/2006 8:00						13	235	1,693		20.91	3.35	1,597.99	
10/21/2006 12:00						15	201	1,510		19.01	3.04	1,617.00	
10/21/2006 16:00						15	200	1,110		14.30	2.29	1,631.30	
10/21/2006 20:00						15	205	1,067		12.00	1.92	1,643.31	
10/22/2006 0:00						15	225	1,283		13.76	2.20	1,657.07	
10/22/2006 4:00						15	225	1,623		17.80	2.85	1,674.87	

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (L	trocarbon Reco Ising Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/22/2006 8:00						15	221	1,731		20.37	3.26	1,695.24
10/22/2006 12:00						15	218	1,793		21.06	3.37	1,716.30
10/22/2006 16:00						15	220	1,821		21.55	3.45	1,737.85
10/22/2006 20:00						15	195	1,220		17.18	2.75	1,755.03
10/23/2006 0:00						15	230	1,362		14.94	2.39	1,769.97
10/23/2006 4:00						15	225	1,960		20.58	3.29	1,790.55
10/23/2006 8:00						15	227	2,380		26.71	4.28	1,817.26
10/23/2006 12:00						15	219	2,460		29.39	4.70	1,846.65
10/23/2006 16:00						15	223	2,730		31.23	5.00	1,877.88
10/23/2006 20:00						16	217	2,520		31.45	5.03	1,909.33
10/24/2006 0:00						17	211	1,462		23.20	3.71	1,932.54
10/24/2006 4:00						17	210	1,936		19.48	3.12	1,952.01
10/24/2006 8:00						16	216	1,857		22.00	3.52	1,974.01
10/24/2006 12:00						16	215	1,890		21.99	3.52	1,996.00
10/24/2006 16:00						15	220	1,912		22.52	3.60	2,018.52
10/24/2006 20:00						17	211	1,887		22.29	3.57	2,040.81
10/25/2006 0:00						15	224	1,623		20.79	3.33	2,061.60
10/25/2006 4:00						15	226	1,676		20.21	3.24	2,081.81
10/25/2006 8:00						16	217	1,813		21.04	3.37	2,102.86
10/25/2006 12:00						16	220	2,150		23.58	3.77	2,126.43
10/25/2006 16:00						15	228	2,340		27.39	4.38	2,153.82
10/25/2006 20:00						15	225	2,520		29.97	4.80	2,183.80
10/26/2006 0:00						15	223	2,480		30.50	4.88	2,214.29
10/26/2006 4:00						15	225	2,610		31.05	4.97	2,245.34
10/26/2006 8:00						15	227	2,580		31.94	5.11	2,277.28
10/26/2006 12:00						15	220	2,750		32.44	5.19	2,309.72
10/26/2006 16:00						15	231	2,870		34.51	5.52	2,344.23

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Death)	Well # E-3 (Stinger Donth)	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (U	drocarbon Reco Ising Horiba Da	very ta)
10/26/2006 20:00	Deputy	Depui	Deputy	Deptrij	Deptn)	(in or Hg)	(scim)	(ppmv)	(ppmv) *	(IDS)	(gai)	(Cumui. Ibs)
10/20/2006 20.00						15	220	2,890		35.37	5.66	2,379.59
10/27/2006 4:00						15	231	2,750		69.26	11.09	2,448.86
10/27/2006 8:00						15	229	2,830		34.95	5.59	2,483.80
10/27/2006 12:00						15	225	2,770		34.61	5.54	2,518.42
10/27/2006 16:00						15	227	2,730		33.85	5.42	2,552.27
10/27/2006 20:00						15	225	2,610		32.86	5.26	2,585.13
10/28/2006 4:00						15	226	2,530		63.12	10.10	2,648.25
10/28/2006 8:00						15	228	2,650		32.02	5.13	2,680.27
10/28/2006 12:00						15	225	2,810		33.68	5.39	2,713.95
10/28/2006 16:00						15	219	2,770		33.73	5.40	2,747.68
10/28/2006 20:00				_		15	230	2,620		32.95	5.27	2,780.63
10/29/2006 4:00						15	221	2,750		65.95	10.56	2,846.57
10/29/2006 8:00						15	225	2,420		31.39	5.03	2,877.97
10/29/2006 12:00						15	230	2,130		28.19	4.51	2,906.15
10/29/2006 16:00						15	231	2,170		26.99	4.32	2.933.14
10/29/2006 20:00						15	220	2,220		26.96	4.31	2,960.10
10/30/2006 4:00						15	221	2,240		53.56	8.57	3.013.66
10/30/2006 8:00						15	227	2 580		29.40	4 71	3 043 06
10/30/2006 12:00						15	223	2,620		31.86	5.10	3 074 92
10/30/2006 16:00						15	228	2,520		31.87	5.10	3 106 78
10/30/2006 20:00						15	225	2,580		31.76	5.08	3 138 55
10/31/2006 4:00						15	225	2 310		59.92	0.50	3 108 47
10/31/2006 8:00						15	225	2,310		29.00	9.55	2 227 45
10/31/2006 12:00						15	220	2,400		20.33	4.70	0.057.07
10/31/2006 16:00						10	220	2,430		29.92	4.79	3,237.37
10/31/2006 20:00						10	220	2,400		30.23	4.84	3,287.60
11/1/2006 4:00						GI d		2,480		30.47	4.88	3,318.07
11/1/2006 4:00						15	228	2,470		61.33	9.82	3,379.40

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hy (drocarbon Reco using Horiba Dat (gal)	very ta) (Cumul. Ibs)
11/1/2006 8:00						15	226	2,530		30.91	4.95	3,410.30
11/1/2006 12:00						15	227	2,580		31.52	5.04	3,441.82
11/1/2006 16:00						15	230	2,420		31.11	4.98	3,472.93
11/1/2006 20:00						15	225	2,400		29.86	4.78	3,502.79
11/2/2006 4:00						15	225	2,380		58.57	9.38	3,561.36
11/2/2006 8:00						15	220	2,350		28.66	4.59	3,590.02
11/2/2006 12:00						15	231	2,310		28.61	4.58	3,618.63
11/2/2006 16:00						15	226	2,290		28.62	4.58	3,647.25
11/2/2006 20:00						15	232	2,260		28.37	4.54	3,675.62
11/3/2006 4:00						15	230	2,180		55.86	8.94	3,731.48
11/3/2006 8:00						15	226	2,150		26.88	4.30	3,758.36
11/3/2006 12:00	 					15	225	2,010		25.54	4.09	3,783.91
11/3/2006 16:00						15	229	2,200		26.02	4.17	3,809.93
11/3/2006 20:00	-					15	225	2,170		27.01	4.32	3,836.94
11/4/2006 4:00						15	231	2,120		53.27	8.53	3,890.21
11/4/2006 8:00						15	225	2,050		25.89	4.14	3,916.10
11/4/2006 12:00						15	220	2,030		24.72	3.96	3,940.82
11/4/2006 16:00						15	223	1,993		24.26	3.88	3,965.08
11/4/2006 20:00						15	227	1,985		24.37	3.90	3,989.46
11/5/2006 4:00						15	220	1,970		48.14	7.71	4,037.60
11/5/2006 8:00		·				15	227	1,956		23.89	3.82	4,061.49
11/5/2006 12:00						15	232	1,934		24.31	3.89	4,085.80
11/5/2006 16:00		· · · · · · · · · · · · · · · · · · ·				15	229	1,942		24.33	3.89	4,110.13
11/5/2006 20:00						15	225	1,961		24.13	3.86	4,134.25
11/6/2006 4:00						15	219	1,936		47.12	7.54	4,181.37
11/6/2006 8:00						15	227	1,902		23.31	3.73	4,204.67
11/6/2006 14:00						23	56	1,316		18.60	2.98	4,223.27

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
annaith an leadhlachlach	Ueptn)	рерит)	Deptn)	Deptn)		(in of Hg)	(scim)	(ppmv)	(ppmv) =	(IUS)	(yaı)	
11/6/2006 14:30						23	50	1,295		0.47	0.08	4,223.74
11/6/2006 15:00						22	64	1,270		0.50	0.08	4,224.24
11/6/2006 15:30						22	64	1,198		0.54	0.09	4,224.78
11/6/2006 16:00						22	60	1,242		0.51	0.08	4,225.29
11/6/2006 16:30						22	63	1,256		0.52	0.08	4,225.81
11/6/2006 17:00						22	65	1,236		0.54	0.09	4,226.36
11/6/2006 17:30						22	65	1,191		0.54	0.09	4,226.89
11/6/2006 18:00						18	75	1,587		0.66	0.11	4,227.56
11/6/2006 18:30		·				18	77	1,595		0.82	0.13	4,228.38
11/6/2006 19:00						18	76	1,575		0.83	0.13	4,229.20
11/6/2006 19:30						18	76	1,568		0.81	0.13	4,230.02
11/6/2006 20:00						18	78	1,543		0.82	0.13	4,230.83
11/6/2006 20:30						18	77	1,511		0.81	0.13	4,231.64
11/6/2006 21:00	· · · · · · · · · · · ·					18	75	1,500		0.78	0.12	4,232.42
11/6/2006 21:30						18	76	1,492		0.77	0.12	4,233.19
11/6/2006 22:00						25	24	1,610		0.53	0.08	4,233.71
11/6/2006 22:30						25	25	1,565		0.26	0.04	4,233.98
11/6/2006 23:00						25	26	1,527		0.27	0.04	4,234.25
11/6/2006 23:30						25	24	1,493		0.26	0.04	4,234.50
11/7/2006 0:00						25	23	1,479		0.24	0.04	4,234.74
11/7/2006 0:30						25	25	1,446		0.24	0.04	4,234.98
11/7/2006 1:00					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	25	25	1,418		0.24	0.04	4,235.23
11/7/2006 1:30						25	24	1,399		0.23	0.04	4,235.46
11/7/2006 2:00						25	23	1,376		0.22	0.04	4,235.68
11/7/2006 11:00						18	75	1,546		8.77	1.40	4,244.45
11/7/2006 11:30						18	77	1,554		0.80	0.13	4,245.26
11/7/2006 12:00						18	74	1,539		0.79	0.13	4,246.05

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Deptn)	Depin)	Depth)	Deptn)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(IDS)	(gai)	(Cumul. Ibs)
11/7/2006 12:30						18	75	1,542		0.78	0.13	4,246.83
11/7/2006 13:00						18	78	1,536		0.80	0.13	4,247.63
11/7/2006 13:30						18	76	1,522		0.80	0.13	4,248.44
11/7/2006 14:00						18	78	1,519		0.80	0.13	4,249.23
11/7/2006 14:30		 				18	75	1,525		0.79	0.13	4,250.02
11/7/2006 15:00						18	74	1,516		0.77	0.12	4,250.80
11/8/2006 2:00						15	221	1,846		37.13	5.94	4,287.93
11/8/2006 8:00						15	217	1,834		32.92	5.27	4,320.85
11/8/2006 12:00		· · · · · · · · · · · · · · · · · · ·				15	215	1,838		21.60	3.46	4,342.45
11/8/2006 16:00						15	219	1,825		21.64	3.46	4,364.09
11/8/2006 20:00						15	218	1,820		21.69	3.47	4,385.78
11/9/2006 4:00						15	215	1,810		42.80	6.85	4,428.58
11/9/2006 8:00						15	210	1,817		20.99	3.36	4,449.56
11/9/2006 12:00						15	212	1,789		20.72	3.32	4,470.28
11/9/2006 16:00						15	214	1,793		20.78	3.33	4,491.06
11/9/2006 20:00						15	215	1,765		20.78	3.33	4,511.84
11/10/2006 4:00						15	211	1,773		41.04	6.57	4,552.88
11/10/2006 8:00						15	213	1.760		20.40	3.26	4.573.27
11/10/2006 12:00						15	210	1,767		20.31	3.25	4,593.59
11/10/2006 16:00						15	212	1.751	,	20.21	3.24	4.613.80
11/10/2006 20:00						15	215	1,758	······································	20.40	3.27	4,634.20
11/11/2006 4:00						15	214	1.762		41.12	6.58	4.675.32
11/11/2006 8:00						15	210	1 751		20.28	3 25	4 695 60
11/11/2006 12:00						15	211	1 764		20.15	3 22	4 715 75
11/11/2006 16:00						15	214	1 756		20.37	3.26	4 736 11
11/11/2006 20:00						15	217	1 759		20.39	3 26	4 756 50
11/12/2006 4:00		· · · · · · · · · · · · · · · · · · ·				15	210	1,752		40.35	6.46	4,796.85

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
11/12/2006 8:00						15	213	1,745		20.14	3.22	4,816.99
11/12/2006 12:00						15	215	1,747		20.35	3.26	4,837.34
11/12/2006 16:00						15	214	1,751		20.43	3.27	4,857.77
11/12/2006 20:00						15	210	1,743		20.17	3.23	4,877.94
11/13/2006 4:00						15	214	1,732		40.12	6.42	4,918.06
11/13/2006 8:00						15	212	1,727		20.06	3.21	4,938.12
11/13/2006 12:00						15	211	1,721		19.86	3.18	4,957.98
11/13/2006 16:00						15	215	1,716		19.93	3.19	4,977.91
11/13/2006 20:00						15	212	1,724		20.00	3.20	4,997.91
11/14/2006 4:00						15	212	1,710		39.65	6.35	5,037.56
11/14/2006 8:00						15	210	1,698		19.58	3.13	5,057.14
11/14/2006 12:00						15	211	1,693		19.44	3.11	5,076.58
11/14/2006 16:00						15	211	1,697		19.48	3.12	5,096.05
11/14/2006 20:00						15	214	1,704		19.68	3.15	5,115.73
11/15/2006 4:00						15	215	1,686		39.60	6.34	5,155.33
11/15/2006 8:00						15	211	1,691		19.59	3.14	5,174.92
11/15/2006 12:00						15	210	1,683		19.34	3.10	5,194.26
11/15/2006 16:00						15	212	1,679		19.32	3.09	5,213.58
11/15/2006 20:00						15	214	1,675		19.45	3.11	5,233.03
11/16/2006 4:00						15	213	1,670		38.89	6.23	5,271.92
11/16/2006 8:00						15	216	1,667		19.49	3.12	5,291.41
11/16/2006 12:00						15	214	1,659		19.47	3.12	5,310.88
11/16/2006 16:00						15	210	1,651		19.11	3.06	5,329.99
11/16/2006 20:00						15	212	1,660		19.02	3.04	5,349.02
11/17/2006 4:00						15	210	1,646		37.99	6.08	5,387.00
11/17/2006 8:00						15	211	1,632		18.79	3.01	5,405.79
11/17/2006 12:00						15	213	1,621		18.78	3.01	5,424.57

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
11/17/2006 16:00					 	15	212	1,638		18.86	3.02	5,443.43
11/17/2006 20:00						15	215	1,629		18.99	3.04	5,462.42
11/18/2006 4:00						15	210	1,624		37.65	6.03	5,500.07
11/18/2006 8:00						15	211	1,614		18.56	2.97	5,518.63
11/18/2006 12:00						15	214	1,620		18.71	3.00	5,537.34
11/18/2006 16:00						15	215	1,624		18.95	3.03	5,556.29
11/18/2006 20:00			 			15	213	1,616		18.88	3.02	5,575.17
11/19/2006 4:00						15	213	1,607		37.39	5.98	5,612.56
11/19/2006 8:00						15	210	1,610		18.53	2.97	5,631.08
11/19/2006 12:00						15	212	1,589		18.38	2.94	5,649.46
11/19/2006 16:00						15	214	1,607		18.54	2.97	5,668.00
11/19/2006 20:00						15	210	1,596		18.49	2.96	5,686.49
11/20/2006 4:00						15	211	1,602		36.66	5.87	5,723.15
11/20/2006 8:00						15	215	1,587		18.50	2.96	5,741.65
11/20/2006 12:00						15	210	1,581		18.33	2.93	5,759.98
11/20/2006 16:00						15	213	1,576		18.18	2.91	5,778.16
11/20/2006 20:00						15	214	1,582		18.36	2.94	5,796.52
11/21/2006 4:00						15	211	1,579		36.58	5.86	5,833.10
11/21/2006 8:00						15	210	1,574		18.07	2.89	5,851.18
11/21/2006 12:00						15	211	1,566	· · · · · · · · · · · · · · · · · · ·	18.00	2.88	5,869.17
11/21/2006 16:00						15	213	1,575		18.13	2.90	5,887.31
11/21/2006 20:00						15	209	1,572		18.08	2.89	5,905.39
11/22/2006 4:00						15	210	1,577		35.93	5.75	5,941.31
11/22/2006 8:00						15	215	1,563	L	18.17	2.91	5,959.48
11/22/2006 12:00						15	212	1,560	L	18.16	2.91	5,977.64
11/22/2006 16:00						15	211	1,566		18.00	2.88	5,995.64
11/22/2006 20:00						15	214	1,561		18.09	2.90	6,013.74

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (u	Irocarbon Reco Ising Horiba Da	very ta)
<u> 같은 것은 것 같은 것 같은</u> 것이다.	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(sctm)	(ppmv)	(ppmv) *	(IDS)	(gal)	(Cumul. Ibs)
11/23/2006 4:00				<u> </u>		15	214	1,558		36.35	5.82	6,050.09
11/23/2006 8:00						15	213	1,554		18.09	2.90	6,068.18
11/23/2006 12:00						15	215	1,559		18.14	2.90	6,086.32
11/23/2006 16:00						15	214	1,562		18.23	2.92	6,104.55
11/23/2006 20:00						15	210	1,545		17.94	2.87	6,122.48
11/24/2006 4:00						15	214	1,534		35.55	5.69	6,158.03
11/24/2006 8:00						15	211	1,541		17.79	2.85	6,175.83
11/24/2006 12:00						15	209	1,539		17.61	2.82	6,193.44
11/24/2006 16:00						15	209	1,535		17.49	2.80	6,210.93
11/24/2006 20:00						15	212	1,540		17.63	2.82	6,228.56
11/25/2006 4:00					-	15	211	1,531		35.37	5.66	6,263.93
11/25/2006 8:00						15	215	1,529		17.75	2.84	6,281.68
11/25/2006 12:00						15	210	1,524		17.67	2.83	6,299.34
11/25/2006 16:00						15	212	1,520		17.49	2.80	6,316.83
11/25/2006 20:00						15	213	1,517		17.57	2.81	6,334.41
11/26/2006 4:00						15	211	1,510		34.95	5.59	6,369.36
11/26/2006 8:00						15	213	1,492		17.33	2.77	6,386.69
11/26/2006 12:00						15	214	1,514		17.48	2.80	6,404.16
11/26/2006 16:00						15	211	1.518		17.54	2.81	6.421.71
11/26/2006 20:00						15	215	1,509		17.56	2.81	6,439.26
11/27/2006 4:00						15	213	1,495		35.01	5.60	6,474.27
11/27/2006 8:00						15	215	1,482		17.35	2.78	6,491.62
11/27/2006 12:00						15	212	1,486		17.25	2.76	6,508.87
11/27/2006 16:00						15	212	1,479		17.12	2.74	6,525.99
11/27/2006 20:00						15	214	1,472		17.12	2.74	6,543.11
11/28/2006 4:00						15	215	1,485		34.54	5.53	6,577.65
11/28/2006 8:00						15	214	1,474		17.28	2.77	6,594.93

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Ha)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmy)	Effluent Concentrations (ppmy) *	Hyo (L	frocarbon Reco Ising Horiba Da	very ta) Cumul Ibs)
11/28/2006 12:00						15	212	1 472		17.09	2 73	6 612 02
11/28/2006 16:00						15	213	1 473		17.00	2.73	6 629 06
11/28/2006 20:00						15	214	1,483		17.19	2.75	6 646 24
11/29/2006 4:00						15	213	1,486	· · · · · · · · · · · · · · · · · · ·	34.52	5.53	6 680 77
11/29/2006 8:00						15	213	1,484		17.23	2.76	6,697,99
11/29/2006 12:00						15	211	1.485		17.14	2.74	6,715,13
11/29/2006 16:00						15	215	1,480		17.20	2.75	6.732.33
11/29/2006 20:00						15	214	1,477		17.27	2.76	6,749.60
11/30/2006 4:00						15	214	1,483	······	34.50	5.52	6,784.10
11/30/2006 8:00						15	215	1,479		17.30	2.77	6,801.40
11/30/2006 12:00						15	212	1,477		17.19	2.75	6,818.58
11/30/2006 16:00						15	213	1,469		17.05	2.73	6,835.63
11/30/2006 20:00						15	213	1,472		17.06	2.73	6,852.69
12/1/2006 4:00		·				15	212	1,471		34.06	5.45	6,886.75
12/1/2006 8:00						15	214	1,473		17.08	2.73	6,903.82
12/1/2006 12:00		· · · · · · · · · · · · · · · · · · ·				15	213	1,470		17.11	2.74	6,920.93
12/1/2006 16:00						15	215	1,472		17.14	2.74	6,938.07
12/1/2006 20:00						15	210	1,469		17.02	2.72	6,955.09
12/2/2006 4:00						15	212	1,479		33.88	5.42	6,988.97
12/2/2006 8:00						15	216	1,475		17.21	2.76	7,006.18
12/2/2006 12:00					· · · · ·	15	208	1,471		17.01	2.72	7,023.19
12/2/2006 16:00						15	214	1,469		16.89	2.70	7,040.08
12/2/2006 20:00						15	217	1,467		17.23	2.76	7,057.31
12/3/2006 4:00						15	221	1,483		35.18	5.63	7,092.49
12/3/2006 8:00						15	218	1,481		17.72	2.84	7,110.21
12/3/2006 12:00						15	220	1,479		17.65	2.83	7,127.86
12/3/2006 16:00						15	217	1,476		17.58	2.81	7,145.44

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Denth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyr (t	drocarbon Recc using Horiba Da	ivery ita)
42/2/2006 20:00	Depair	Debau	Depuij		Depin	(in or rig)	(scim)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
12/3/2000 20.00		<u> </u>	 '	├'	 	15	210	1,471		17.13	2.74	7,162.57
	├ ────┤	[!]	<u> </u>	├ ─────'	└──── ′	15	219	1,477		34.44	5.51	7,197.01
12/4/2006 8:00	<u> </u>	├ ───── [!]	'	<u>├</u> !	 '	15	217	1,475		17.52	2.80	7,214.53
12/4/2006 12:00	├ ───┤	t'	 '	<u> </u>]	ļ'	15	215	1,472		17.33	2.77	7,231.87
12/4/2006 16:00	 	├ '	 '	<u>↓</u> /	ļ'	15	210	1,469		17.02	2.72	7,248.88
12/4/2006 20:00		├ ──── [!]	↓ '	↓]	 '	15	212	1,456		16.81	2.69	7,265.69
12/5/2006 4:00	 	├ ─────′	<u> </u>		ļ'	15	208	1,470		33.46	5.36	7,299.15
12/5/2006 8:00	L	↓ '	<u> '</u>		ļ!	15	216	1,467		16.95	2.71	7,316.11
12/5/2006 12:00		ļ'	ļ'		!	15	210	1,463		16.99	2.72	7,333.10
12/5/2006 16:00		L	L'			15	219	1,460		17.07	2.73	7.350,18
12/5/2006 20:00		L				15	215	1,461		17.26	2.76	7.367.44
12/6/2006 4:00		I!				15	212	1,475		34.14	5.46	7 401.57
12/6/2006 8:00						15	223	1,473		17,46	2 79	7 419 03
12/6/2006 12:00			ر			15	219	1,473		17.73	2.84	7 436 76
12/6/2006 16:00			1			15	213	1 469		17.30	2.04	7 454 06
12/6/2006 20:00			[]			15	210	1.466		16.90	2.71	7 470 97
12/7/2006 4:00	1		[]			15	220	1 476		34.45	5.51	7 505 40
12/7/2006 8:00		,	[]			15	210	1,472		17.26	0.01	7,505.42
12/7/2006 12:00	i		[+	· · · · · · · · · · · · · · · · · · ·		15	216	1 469		17.00	2.70	7,522.07
12/7/2006 16:00	1		 	·+		15	220	1,403		17.00	2.73	7,539.73
12/7/2006 20:00	t		[+	r		15	214	1,409		17.04	2.79	7,557.17
12/8/2006 4:00	t		[+	r		15	214	1,400		17.34	2.11	/,5/4.51
12/8/2006 8:00			ł	 			219	1,4/4		34.65	5.55	7,609.16
12/9/2006 12:00	 †			r+			213	1,4/1		17.32	2.77	7,626.48
12/0/2000 12:00	t			r		15	217	1,468		17.21	2.75	7,643.69
12/8/2006 10:00				r	 	15	220	1,465		17.45	2.79	7,661.14
12/8/2006 20:00	ł		├────┤	rł		15	212	1,463		17.22	2.76	7,678.36
12/9/2006 4:00	I		L]	L]	15	225	1,475		34.96	5.60	7,713.32

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
Тіме	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Deoth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Ha)	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyı (t	drocarbon Reco using Horiba Da	very ta)
12/9/2006 8·00					Doputy		(SCIIII)		(ppmv) - ta	(IDS)	(gal)	(Cumul. Ibs)
12/9/2006 12:00						15	221	1,473		17.90	2.87	7,731.22
12/9/2000 12:00	<u> </u>				·····	15	226	1,471		17.92	2.87	7,749.14
12/9/2006 16:00						15	220	1,469		17.85	2.86	7,766.99
12/9/2006 20:00						15	219	1,466		17.54	2.81	7,784,54
12/10/2006 4:00						15	212	1,477		34.54	5.53	7,819.07
12/10/2006 8:00						15	210	1,475		16.96	2.71	7,836.04
12/10/2006 12:00						15	216	1,472		17.09	2.74	7,853.13
12/10/2006 16:00						15	214	1,467		17.21	2.75	7,870.33
12/10/2006 20:00						15	217	1,464		17.20	2.75	7,887.53
12/11/2006 4:00						15	220	1,474		34.96	5.60	7.922.49
12/11/2006 8:00						15	225	1,473		17.85	2.86	7 940 35
12/11/2006 12:00						15	222	1,470		17.91	2 87	7 958 26
									_			
								TOTAL HC RECOVE	ERED	7,958.26	1,273.83	
								TOTAL GROUNDWA	TER EXTRACTED	-	32.250	

Comments: Manual dilution was not opened during the event.

in of Hg = inches of mercury scfm = standard cubic feet per minute

gal = gallons

lbs = pounds

* Concentrations based on Horiba MEXA 324-JU field organic vapor analyzer, calibrated as hexane

** Inlet flow measured through orifice tube and converted from acfm to reported scfm





Figure 4 Cumulative HC Recovered Over 60 Days California Linen, Oakland, CA - 10/12/06-12/11/06



CalClean Inc.

ATTACHMENT 1

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LABORATORY REPORTS



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 180124
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	11/28/2006
	#142			
	Tustin, CA 92780		RECEIVED	11/20/2006
PROJEC	T California Linen			

COMMENTS

SUBMITTER Client

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 757668 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by. Edtvard S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 180124 cover, page 1 of 1

Client Sample ID: Combined

Order #: 757668 Matrix: AIR Date Sampled: 11/17/2006 Time Sampled: 12:10 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Ana	alyst
BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	7.0	10	0.1	Vppm	11/21/06	LT
Ethyl benzene	6.0	10	0.1	Vppm	11/21/06	LT
Methyl t - butyl ether	9.9	10	1.0	Vppm	11/21/06	LT
Toluene	14	10	0.1	Vppm	11/21/06	LT
Xylene (total)	16	10	0.3	Vppm	11/21/06	LT

Gasoline	1	1160	10	50.0	Vppm	11/21/06	LT
		J					

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

A

ASSOCIATED LABORATORIES

Analytical Results Report

ASSOCIATED LABORATORIES QA REPORT FORM

180120-663
AIR
November 21, 2006
November 21, 2006
180120, 180119, 180122, 180123, 180124, 180125, 180169, 180172

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	4,766.73	4,571.64	4
Benzene	8021B	7.03	6.72	5
Toluene	8021B	124.59	114.77	8
Ethylbenzene	8021B	69.31	64.29	8
Xylenes	8021B	527.66	468.65	12

ND = "U" - Not Detected

RPD = *Relative Percent Difference of Sample Result and Sample Duplicate*

RPD LIMITS = 20%

1

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900

Fax: (714) 538-1209

715	

Chain of Custody Record

CalCiean	Inc
ourorcan	1110.

	CalClean Inc. 3002 Dow, #14	12														18	0124				
Company	Tustin, CA 927	80			Phone	(714) 73	34-9137	A.L	Job No.							10	Page	1 of	1		
Project Manager	NOEL SH	ENO	1		Fax	(714) 73	34-9138	Τ		An	alysi	is Re	eque	sted		Ŷ	Test Instructions	Test Instructions & Comments			
Project Name	LIFORNIA	. .	LINEN		Project #		1. 11/- 14	2	571	T						s					
Site Name and 0	AKLAND	. c	-A					15	Ш (8) Ш												
Address		1			-				NTB												
Sample ID	Lab ID		Date	Time	Matrix	Contair Number/	er Size Pres.	HdT	BTEX/		£										
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Total Number of Conta	iners	1	Property Cooled	Y/N/R	9	S	Signature: Noch	She	mo	· ·	Signa	ture:					Signature:				
Custody Seals Y / N /	NA		Samples Intact	D/N/NA		F	Printed Name:				Printe	ed Nar	ne:				Printed Name:				
Received in Good Con	dition YN	I	Samples Accep	ited () N		ſ	Date: 1 /20/05	Time	14:3	5	Date:			T	ïme:		Date:	Time:			
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· ·					1		Date: 11 20 00	Time	14:3	5	Date:			T	îme:		Date:	Time:			

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 180348
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/12/2006
	#142			
	Tustin, CA 92780		RECEIVED	11/24/2006
PROJECT	Г California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 758557 Client Sample Identification

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 180348 cover, page 1 of 1

Client: Calclean	
Client Sample ID:	Combined

Matrix: AIR Date Sampled: 11/22/2006 Time Sampled: 12:00 Sampled By:

Order #:

758557

Analyte		Result	DF	DLR	Units	Date/Analys	
)21B BTEX/MTBE iı	ı Air - (Vppm & ug/L)						
Benzene		2.0	5	0.05	Vppm	11/25/06	LT
Ethyl benzene	• • • • • • • • • • • • • • • • • • •	2.2	5	0.05	Vppm	11/25/06	LT
Methyl t - but	yl ether	2.6	5	0.5	Vppm	11/25/06	LT
Toluene		12	5	0.05	Vppm	11/25/06	LT
Xylene (total))	6.2	5	0.15	Vppm	11/25/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	180348-557
Matrix:	AIR
Prep. Date :	November 25, 2006
Analysis Date:	November 25, 2006
Lab ID#'s in Batch:	180348, 180345, 180346.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

/****				
		Sample		
Test	Method	Result	Duplicate	%RPD
Gas	8015M	426.08	423.1	1
Benzene	8021B	2.00	1.83	9
Toluene	8021B	11.64	10.34	12
Ethylbenzene	8021B	2.26	2.17	4
Xylenes	8021B	6.15	6.01	2

ND = "U" - Not Detected

RPD = *Relative Percent Difference of Sample Result and Sample Duplicate*

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209



Chain of Custody Record

3002 Dow, #142 Company Tustin, CA 92780 Phone (714) 734-9137							137		. Job N	lo.							Page of			
Project Manager	NOEL S	HENO	1		Fax	(714)	734-9	138	<u> </u>		<u>.</u> A	Analys	sis Re	quest	ed			Test Instructions 8	k Comn	nents
Project Name	LIFORNI	A	LINEN		Project	* /			2	1 E		Ē		Ì	T		-+-			
Site Name	AKLAN:	D C	A						5	(80	.									
Address		+	<u></u>			<u> </u>			3) (5	TBE										
Sample ID	Lab ID		Date	Time	Matrix	Conta Númbe	ainer er/Size	Pres.	TPH-(BTEX/N										
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Received in Good Cond	lition Y/N		Samples Acc	epted Y/N		1	Date:	/ /06	Time:			Date	÷		Tim	ie:		Date:	Time:	
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUEST 180602	
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/12/2006
	#142			
	Tustin, CA 92780		RECEIVED	11/29/2006
PROJECT California Linen				
SUBMIT	TER Client			

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 759364

Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by, Edward S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 180602 cover, page 1 of 1
Client:	Calclean
---------	----------

Client Sample ID: Combined

Order #: 759364 Matrix: AIR Date Sampled: 11/27/2006 Time Sampled: 12:00 Sampled By:

Ana	lyte	Result	DF	DLR	Units	Date/Ana	lyst
8021B BTEX/N	MTBE in Air - (Vppm & ug/L)						
Benz	ene	4.3	5	0.05	Vppm	11/30/06 I	LT
Ethyl	l benzene	3.9	5	0.05	Vppm	11/30/06 I	ĹΤ
Meth	lyl t - butyl ether	6.5	5	0.5	Vppm	11/30/06 I	ĹΤ
Tolue	ene	15	10	0.1	Vppm	11/30/06 I	LT
Xvler	ne (total)	121	5	0.15	Vppm	11/30/06 I	ĹT

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Gasoline		1		832	5	25.0	Vppm · · ·	11/30/06	· LT
	 	 · · · · · · · · · · · · · · · · · · ·					£ £		

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	180602-364
Matrix:	AIR
Prep. Date :	November 30, 2006
Analysis Date:	11/30/06-12/01/06
Lab ID#'s in Batch:	180602, 180601, 180600.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	831.55	803.36	3
Benzene	8021B	4.29	3.94	9
Toluene	8021B	18.66	17.43	7
Ethylbenzene	8021B	3.90	3.60	8
Xylenes	8021B	11.69	11.00	6

ND = "U" - Not Detected

RPD = *Relative Percent Difference of Sample Result and Sample Duplicate*

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209

Chain of Custody Record

Company	CalClean Inc 3002 Dow, #	c. #142					·									}	80602	
Designation	Tustin, CA 9	2780			Phone	(714) 73	34-9137	A.L.	Job N	0.							Page	_ of
Project Manager	NOEL S	HENC)		Fax	(714) 73	34-9138			A	nalys	sis R	equ	este	d	••	Test Instructions & C	omments
Project Name	IFORNI	A	LINEN		Project i	*		5)	021)									
Site Name and 0 f	+KLAN2	P , C	A		-			801	E (8									
Address		· 		1	1		······································	ں ن	/MTB									
Sample ID	Lab ID		Date	Time	Matrix	Contair Number/	ner Size [•] Pres.	HdT	втех									\$
COMBINED		11	127/06	1200.	AIR	TEDLA	R NONE	X	X							<u> </u>		<u></u>
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Iotal Number of Contain	ers		Property Coole		<u>У</u>			she	mo	Ś	Drint	ad No					Drinted Namer	
Custody Seals Y/N/N	A	,	Samples intact	(Y/N/NA		'	Date:	Time		:	Data		ine:		Times		Printed Name:	
Received in Good Condi	tion Y/N		Samples Accep	nted (Y/N	,,		Received By:	Time.			Date	ohiod I	D		nme;		Date: Time	e:
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Distribution: White Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 180865
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/12/2006
	#142			
	Tustin, CA 92780		RECEIVED	12/04/2006
PROJECT	Γ California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 760622 Client Sample Identification

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

hard S. Behare. Ed

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 180865 cover, page 1 of 1

Order #: 760622	Client: Calclean
Matrix: AIR	Client Sample ID: Combined

Date Sampled: 12/01/2006 Time Sampled: 12:00 Sampled By:

ü

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Analyte	Result	DF	DLR	Units	Date/An	alyst
8021B BTEX/MTBE in Air - (Vppm & ı	<u>ug/L)</u>					
Benzene	1.5	3	0.025	Vppm	12/04/06	LT
Ethyl benzene	2.9	3	0.025	Vppm	12/04/06	LT
Methyl t - butyl ether	3.0	3	0.25	Vppm	12/04/06	LT
Toluene	4.0	3	0.025	Vppm	12/04/06	LT
Xylene (total)	11	3	0.075	Vppm	12/04/06	LT

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Gasoline		1	476	3	12.5	Vppm	12/04/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	180863-613
Matrix:	AIR
Prep. Date :	December 4, 2006
Analysis Date:	12/4/06-12/5/06
Lab ID#'s in Batch:	LR 180863, 180865, 180842

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	544.64	554.35	2
Benzene	8021B	0.36	0.35	3
Toluene	8021B	9.45	9.58	1
Ethylbenzene	8021B	1.45	1.42	2
Xylenes	8021B	28.26	29.56	4

ND = "U" - Not Detected

RPD = *Relative Percent Difference of Sample Result and Sample Duplicate*

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209



Chain of Custody Record

3002 Dow. #142

Γ	Company	Tustin, CA 9278	0		Phone	(714) 734-	9137	A.L.	Job No).							Page	of	
F	Project Manager	NOEL SHE	NOI		Fax	(714) 734-	-9138 Analysis Requested						Test Instructions	& Comme	nts				
F	Project Name CAL	-IFORNIA	LINEN		Project #	F '		2	621										
	Site Name	AKLAND	, CA					8	Ш В В										
Ľ	Address		1					0	MTB										
	Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH	BTEX/I										
1	COMBINED		12/1 /06	1200	AIR	TEDLAR	NONE	x	x						1				
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Ľ	Custody Seals Y / N / M		Samples Intact	Y/N/NA		Printe	d Name:	1			Print	ed Nam	e:	Ì			Printed Name:		
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L				i Date:	12/4/06	Time: 13:55 Date:					Date: Time:				Date:	Time:			

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 181324
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/15/2006
	#142			
	Tustin, CA 92780		RECEIVED	12/11/2006
PROJEC	Γ California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 762511 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ATORIES by. ED LABOR ASS Benare e President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 181324 cover, page 1 of 1

Order #: 762511	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 12/08/2006		
Time Sampled: 12:00		
Sampled By:		

Analyte	Result	DF	DLR	Units	Date/Analy
TEX/MTBE in Air - (Vppm & ug/L)					
Benzene	40	50	0.5	Vppm	12/ 12 /06 LT
Ethyl benzene	1.3	5 0	0.5	Vppm	12/12/06 L7
Methyl t - butyl ether	35	50	5.0	Vppm	12/12/06 L7
Toluene	117	50	0.5	Vppm	12/12/06 LT
Yulana (total)	I 1.71	50	1.5	Vppm	12/12/06 LT

Gasoline	3000	50	250.0	Vppm	12/12/06	LT
(2) A set of the se	 er alassas ever energias and the second					

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

A

ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	181320-495
Matrix:	AIR
Prep. Date :	December 12, 2006
Analysis Date:	12/12/06-12/13/06
Lab ID#'s in Batch:	LR 181320, 181321, 181319, 181365, 181324.
REPORTING UNITS =	Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	-
Test	Method	Result	Duplicate	%RPD
Gas	8015M	3,318.59	3,280.21	1
Benzene	8021B	14.57	15.61	7
Toluene	8021B	28.25	29.36	4
Ethylbenzene	8021B	14.85	14.51	2
Xylenes	8021B	13.83	13.94	1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209



Chain of Custody Record

	CalClean Inc. 3002 Dow, #142						-									181324		
Company	Tustin, CA 92780			Phone	(714) 734-	9137	A.L.	Job No).							Page	of _	1
Project Manager	NOEL SHE	NOI		Fax	(714) 734-	9138			A	nalys	sis R	eque	sted		· · ·	Test Instructions 8	comr	ments
Project Name CAL	FORNIA	LINEN		Project #	•		2	R	·									
Site Name and Of Address	KLAND	CA					(801	BE (8(•									
T			T	1	·	<u> </u>	Ϋ́	TM7										
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH	BTEX										
COMBINE	>	12/8/06	1200	AIR	TEDLAR	NONE	×	X							<u> </u>			
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13					· · · · · · · · · · · · · · · · · · ·		1			-:†								<u></u>
14	· · · · · · · · · · · · · · · · · · ·		·		· · · · · · · · · · · · · · · · · · ·		1	-+								AIR=PPMV		
15	<u> </u>		,	· · · · · · · · · · · · · · · · · · ·														
Sa	mple Receipt - "	fo Be Filled By L	aborator	y	Relin	uished by ler:	i	1.	-	Relin	nquish	ed by		I	2.	Relinquished by		3.
Total Number of Containe	ers	Property Cooled	IY/N/NA	A.	Signa	ture: Noch	She	no	~	Signa	ature:					Signature:		
Custody Seals Y/N/N	A	Samples Intact	Y / N / NA	· · · ·	Printe	d Name:	1			Print	ed Na	me:				Printed Name:	;-·	· · · · · · · · · · · · · · · · · · ·
Received in Good Condi	tion Y/N	Samples Accer	ted Y/N		Date:	12/11/05	Time:			Date	:			Time:		Date:	Time:	
	Turn	Around Time			Rece	ived By:	1	01	•	Rece	eived	By:			2.	Received By:		3.
		<u> </u>		~	Signa		11	XI	M	Sign	ature:		·			Signature:		<u>.</u>
Normal	🗌 Rush	U Same 24 hrs	Day		hrs. Printe	d Name:		Θ_{j}	/	Print	ed Na	me:				Printed Name:	······	
					Date:	1211110	Time:	15	35	Date	:			Time:		Date:	Time:	

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 181416
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/18/2006
	#142			
	Tustin, CA 92780		RECEIVED	12/12/2006
PROJEC	T California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification						
762856	Combined						
762857	E-2						
762858	E-6						
762859	E-3						
762860	E-1						
762861	MW-1						
762862	Stack						

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by. award S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 181416 cover, page 1 of 1

Client: Calclean

Client Sample ID: Combined

Order #: 762856 Matrix: AIR Date Sampled: 12/11/2006 Time Sampled: 12:00 Sampled By:

Result DF DLR Units Date/Analyst

Analyte

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.90	3	0.025	Vppm	12/13/06	LT
Ethyl benzene	1.4		-0.025	Vppm	12/13/06	LT
Methyl t - butyl ether	6.9	3	0.25	Vppm	12/13/06	LT
Toluene	2.2	3	0.025	Vppm	12/13/06	LT
Xylene (total)	8.3	3	0.075	Vppm	12/13/06	LT
Benzene	2.9	3	0.075	ug/L	12/13/06	LT
Ethyl benzene	6.3	3	0.1	ug/L	12/13/06	LT
Methyl t - butyl ether	25	3	0.9	ug/L	12/13/06	LT
Toluene	8.4	3	0.1	ug/L	12/13/06	LT
Xylene (total)	36	3	0.325	ug/L	12/13/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	266	3	12.5	Vppm	12/13/06	LT
Gasoline	1090	3	55.25	ug/L	12/13/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 762857	Client: Calclean
Matrix: AIR	Client Sample ID: E-2
Date Sampled: 12/11/2006	
Time Sampled: 12:05	

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B BTEX/MTBE in Air - (Vppm & ug/L)					

Benzene	0.50	5	0.05	Vppm	12/13/06	LT
Ethyl benzene	1.1	5	0.05	Vppm	12/13/06	LT
Methyl t - butyl ether	4.9	5	0.5	Vppm	12/13/06	LT
Toluene	1.7	5	0.05	Vppm	12/13/06	LT
Xylene (total)	6.4	5	0.15	Vppm	12/13/06	LT
Benzene	1.6	5	0.15	ug/L	12/13/06	LT
Ethyl benzene	4.8	5	0.2	ug/L	12/13/06	LT
Methyl t - butyl ether	18		1.8	ug/L	12/13/06	_ LT
Toluene	6.2	5	0.2	ug/L	12/13/06	LT
Xylene (total)	28	5	0.65	ug/L	12/13/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	213	5	25.0	Vppm	12/13/06	LT
Gasoline	873	5	110.5	ug/L	12/13/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 762858	Client: Calclean
Matrix: AIR	Client Sample ID: E-6
Date Sampled: 12/11/2006	
Time Sampled: 12:10	

Analyte

Sampled By:

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	ND	3	0.025	Vppm	12/13/06	LT
Ethyl benzene	0.94	3	0.025	Vppm	12/13/06	LT
Methyl t - butyl ether	ND	3	0.25	Vppm	12/13/06	LT
Toluene	0.74	3	0.025	Vppm	12/13/06	LT
Xylene (total)	5.4	3	0.075	Vppm	12/13/06	LT
Benzene	ND	3	0.075	ug/L	12/13/06	LT
Ethyl benzene	4.1	3	9.1	ug/L	12/13/06	LT
Methyl t - butyl ether	ND	3	0.9	ug/L	12/13/06	LT
Toluene	2.8	3	0.1	ug/L	12/13/06	LT
Xylene (total)	24	3	0.325	ug/L	12/13/06	LT
		THE REAL PROPERTY AND ADDRESS OF THE PARTY OF		COLUMN AND A DESCRIPTION OF A DESCRIPTIO		

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline		123	3	12.5	Vppm	12/13/06	LT	
Gasoline		502	3	55.25	ug/L	12/13/06	ĻΤ	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #:762859Client: CalcleanMatrix: AIRClient Sample ID: E-3Date Sampled:12/11/2006Time Sampled:12:15

Analyte

Sampled By:

Result	DF	DLR	Units	Date/Analyst
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8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.35	3	0.025	Vppm	12/13/06	LT
Ethyl benzene	1.1	3	0.025	Vppm	12/13/06	LT
Methyl t - butyl ether	3.0	3	0.25	Vppm	12/13/06	LT
Toluene	1.4	3	0.025	Vppm	12/13/06	LT
Xylene (total)	6.7	3	0.075	Vppm	12/13/06	LT
Benzene	1.1	3	0.075	ug/L	12/13/06	LT
Ethyl benzene	5.0	3	0.1	ug/L	12/13/06	LT
Methyl t - butyl ether	11	3	0.9	ug/L	12/13/06	LT
Toluene	5.1	3	0.1	ug/L	12/13/06	LT
Xylene (total)	29	· · 3	0.325	ug/L	12/13/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	180	3	12.5	Vppm	12/13/06	LT
Gasoline	738	3	55.25	ug/L	12/13/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 762860	Client: Calclean
Matrix: AIR	Client Sample ID: E-1
Date Sampled: 12/11/2006	
Time Sampled: 12:20	
Sampled By:	

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B BTEX/MTBE in Air - (Vppm & ug/L)					
Benzene	0.45	3	0.025	Vppm	12/13/06 LT
Ethyl benzene	0.78	- 3	0.025	Vppm	12/13/06 LT
Methyl t - butyl ether	1.9	3	0.25	Vppm	12/13/06 LT
Toluene	1.4	3	0.025	Vppm	12/13/06 LT
Xylene (total)	4.9	3	0.075	Vppm	12/13/06 LT
Benzene	1.4	3	0.075	ug/L	12/13/06 LT
Ethyl benzene	3.4	3	0.1	ug/L	12/13/06 LT

8015B - Gasoline in Air - (Vppm & ug/L)

Methyl t - butyl ether

Toluene

Xylene (total)

Gasoline		203	3	12.5	Vppm	12/13/06	LT
Gasoline		829	3	55.25	ug/L	12/13/06	LT

3

3

3

6.8

5.2

21

0.9

0.1

0.325

ug/L

ug/L

ug/L

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



LT

LT

LT

12/13/06

12/13/06

12/13/06

ASSOCIATED LABORATORIES

Client: Calclean	
Client Sample ID:	MW-1

Order #: 762861 Matrix: AIR Date Sampled: 12/11/2006 Time Sampled: 12:25 Sampled By:

Analyte

Result	DF	DLR	Units	Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.50	3	0.025	Vppm	12/14/06	LT
Ethyl benzene	0.65	3	0.025	Vppm	12/14/06	LT
Methyl t - butyl ether	2.4	3	0.25	Vppm	12/14/06	LT
Toluene	1.4	3	0.025	Vppm	12/14/06	LT
Xylene (total)	4.5	3	0.075	Vppm	12/14/06	LT
Benzene	1.6	3	0.075	ug/L	12/14/06	LT
Ethyl benzene	2.8	3	0.1	ug/L	12/14/06	LT
Methyl t - butyl ether	8.5	3	0.9	ug/L	12/14/06	LT
Toluene	5.2	3	0.1	ug/L	12/14/06	LT
Xylene (total)	19	3	0.325	ug/L	12/14/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	182	3	12.5	Vppm	12/14/06	LT	
Gasoline	743	3	55.25	ug/L	12/14/06	LT	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 762862	Client: Calclean
Matrix: AIR	Client Sample ID: Stack
Date Sampled: 12/11/2006	
Time Sampled: 12:30	

Analyte

Sampled By:

Result	DF	DLR	Units	Date/Analyst
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8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	ND	1	0.01	Vppm	12/13/06	LT
Ethyl benzene	ND	1	0.01	Vppm	12/13/06	LT
Methyl t - butyl ether	ND	1	0.10	Vppm	12/13/06	LT
Toluene	ND	1	0.01	Vppm	12/13/06	LT
Xylene (total)	ND	1	0.03	Vppm	12/13/06	LT
Benzene	ND	1	0.03	ug/L	12/13/06	LT
Ethyl benzene	ND	1	0.04	ug/L	12/13/06	LT
Methyl t - butyl ether	ND	1	0.36	ug/L	12/13/06	LT
Toluene	ND	1	0.04	ug/L	12/13/06	··· LT
Xylene (total)	ND	1	0.13	ug/L	12/13/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	ND	1	5.0	Vppm	12/13/06	LT
Gasoline	ND	1	22.1	ug/L	12/13/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	181320-495
Matrix:	AIR
Prep. Date :	December 13, 2006
Analysis Date:	12/13/06-12/14/06
Lab ID#'s in Batch:	LR 181416

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	180.42	182.85	1
Benzene	8021B	0.35	0.35	0
Toluene	8021B	1.35	1.36	1
Ethylbenzene	8021B	1.15	1.16	1
Xylenes	8021B	6.75	6.84	1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209

Chain of Custody Record

	-	CalClean Inc. 3002 Dow, #14	19											-	•						814	16	
C	ompany	Tustin, CA 927	80			Phone	(714)	734-91	137		A.L	Job No	D .							·	Page	1of	1
Pr	oject Manager	NOEL SH	ENOI			Fax	(714)	734-9	138				A	nalys	is Re	eque	sted		1.	Test Instru	ictions	& Com	ments
Pr	oject Name CAL	FORNIA	L	INEN	Project #					5)	57			T		Τ							
Si ar	te Name Id D A	KLAND	, CA	1							801	Ю (8) Ш											
Ad	ldress		1								<u>เ</u>	MTB											
Sample ID		Lab ID		Date	Time	Time Matrix		tainer ver/Size Pre		s.	-HdT	BTEX											
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R	eceived in Good Condit			Samples Aco	epted Y/N			Date: (2	1/12/	06	Time:	6:3	5	Date:	: ; 		ا ا	fime:		Date:	· · · · · · · · · · · · · · · · · · ·	Time:	
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

CalClean Inc.

ATTACHMENT 2

1

HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEETS

						JUAL	FIAJ				01011					- 11 -		(71	4) 734-91	37
Project Lo	cation: 9	89 41ST :	STREET			City: OA	KLAND		Site #	: CALI	FORNIA	LINEN			Date	: <u> </u>	1/2006	F	°age <u>↓</u> o	f
Client: C	ALIFORI	NA LINEI	N				Operator	r (s):	BERNA	200	<u>/BRA</u>	WDOr	J							
					Well#1:E	[-2	Well#2: -	- /	Well #3:E	-3	Well #4: E	-6	Well #5: E	-7	Well #6: ∕\	W-1	Well #7:	-1	Well #8:	
Initial Dep	th to Grou	ndwater/F	P		q.	93	7.	25	0.	21	9.	85	8.	13	16 .	15	4.	49		
Screen In	erval			TOYLL		0		Chinana							Vacuum	DTW	Vacuum	DTW	Vacuum	DTW
Time	Unit Vacuum	Total Flowrate	Temp.	Conc.		Depth		Depth					VAC	DTW	"H ₂ O	(ft)	"H₂O	(ft)	"H₂O	(ft)
$11/\alpha$	("Hg.)	(scm)	(deg⊢)	(ppmv)	r -		r		-	27/	F	10'			F	20'	Α	5		
11/4					E_	25	C	23	1	25		19		<u> </u>	E	20	- / \			
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0800	15	210	1405	1817	1078	PPMV	1003	PPMV	1805	PPMV	927	PPMV	1.50	9.91	1542	PPMV				
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nun	15	214	1401	1762-				<u> </u>	<u> </u>		<u> </u>	+	+	+	1					
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· 11/1	<u> - T</u>	ook v	APOR	SAMPLE	<u> 55 :</u>	COM	BINE	DO	08	40	(1755	PPMN.) <u> </u>	<u> </u>	<u>204</u>	<u>650</u>	(1002	PPM	Daze	7/151/-
E-2	@ 0	900	(1078	PPMV)	E-3	30	0910	2 (178	SIPPMV	<u> </u>	5-6	<u>@</u>	0920	2 (9	10 ppm	V) ANI) MW	· _ (e	, visi	<u>Add on the hold of the hold o</u>

HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET CALCLEAN INC.

(714) 734	9137
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11 1/2 10000 Base 12 of

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Project Lo	ocation: 9	89 41ST	STREET			City: OA	KLAND)	Site	#: CAL	FORNIA	LINEN	ł		Date	e: // //2	<u>∠</u> /2006	F	'age <u>'</u> 0	r
Client: C	ALIFORI	NIA LINE	N				Operato	or (s): <u>B</u>	RAND	ON										
					Wei#1: E	=-2	Wel#2:	E-1	Well #3:E	-3	Well #4: <i>E</i>	5-6	Well #5: E	-7	Well #6: ۸	n+1	Well #7:	1_	Well #8:	
Initial Dep	oth to Grou	indwater/F	P		9,4	13	7.	15	10,	21	9.4	85	8.7	3	16.	75	14.	49		
Screen In	terval						<u> </u>	F				1	<u> </u>	r	Vacuum		Vacuum	DTW	Vacuum	DTW
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					VAC	DTW	"H ₂ O	(ft)	"H ₂ O	`(ft)	"H₂O	(ft)
	("Hg.)	(scfm)	(degF)	(ppmv)	E	(feet)	E	(feet)	=	721	F	19'			Ē	20'	A	S		
11/12						45		23		23			1				<u> </u>			
0400	15	210	HOU	1751								1		1		1				
0800	15	213	1402	1745	1766	PPMV	1003	PPMV	1781	PPMV	910	PPMV	N/A	N/A	1504	PPMV				
1200	15	215	1402	1747														<u> </u>		
1600	15	214	1405	1751														ļ		
2000	15	210	1401	1743			<u> </u>	L		 	ļ			_		ļ	┨────	<u> </u>		
	ļ					ļ			<u> </u>	 	 				_	 			 	
11/13			ļ					ļ	ļ	ļ	ļ				_	+			4	
0400	15	214	1405	1732		ļ	ļ	Ļ	_	ļ	ļ			0.11						
DROC	15	212	1402	1727	1772	PPMV	997	PPMV	1769	PPMV	915	PPMV	1.55	9.71	1494	PPMV				
1200	15	211	1406	1721	_			ļ	<u> </u>									+	- 	
1600	15	215	1405	1716	·			. <u> </u>	<u> </u>						·					· · · · · ·
2000	15	212	1405	1724			<u>l</u>	<u> </u>							-					
11 / 111	+									+			-	+				1	1	
1114 NUDO	15	212	1007	1710		+		+		+	<u> </u>	1	1	1				:		
6800	15	210	1403	1698	1764	PPM1/	988	PPMV	1762	PPMV	907	PPM	11.55	9.68	1485	PPMV	1			
1200	15	211	1406	1692		1		1		1	1									
1600	15	211	HUDE	1697		1		1			1	1								
200	15	214	1405	1704	1															
																	<u> </u>			
														_ _						+
																				<u> </u>
<u> </u>																				

Comments:

CALCLEAN INC.

(714) 734-9137

Project Lo	cation: 9	89 41ST	STREET			City: OA	KLAND	0	Site #	#: CALI	FORNIA	LINEN	ł		Date	e: <u> </u>	5/2006	F	vage <u>13</u> of	
Client: C	ALIFORM	NIA LINE	N				Operato	r (s): <u>6</u>	LANDON	1										
					Wel⊯1: <i>[</i>	<u> = - 2</u>	Well#2: {	-1	Well #3:E	-3	Well #4: E	-6	Well #5:E	-7	Well #6:M	W-1	Well #7: -	- 1	Well #8:	
Initial Dep	th to Grou	indwater/F	P		9,0	13	7.7	15	10.2	1	9.9	85	8.7	3	16.	75	[4].	49		
Screen In Time	terval Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAC	DTW	Vacuum "H ₂ O	DTW (ft)	Vacuum ″H₂O 7 A _M	DTW (ft) - <i>5pm</i>	Vacuum ″H₂O	DTW (ft)
					E	23'	E	23'	E	23'	E	191			E	20'	A	5		
11/15																				
0400	15,	215	1406	1686																
0800	15	211	1405	1691	1158	PPMV	980	PPMV	1747	PPMV	862	PPMV	1.50	9.34	1476	PPMV				
1200	15	210	1407	1683																
1600	15	212	1410	1679													<u> </u>			
2000	15	214	1406	1675											ļ	ļ	<u> </u>		<u> </u>	
11/11												1								,
N10	15	217	1110-7	11 70				 	┨────						 	┨─────	1			
0400	15	415	1907	1010	1720	00.0	0011	DOM 1	1770	100- AV	951-	00.01	160	9 22	1471	DONAL	/			
1200	115	210	1404	1001	1151	<u>PPMV</u>	787	ITPMV_	1.1.51	rriv	050	PPMIV	1.30	$+ \frac{\omega}{\omega}$		PPMV		1.	<u>+</u>	
1200	15	217	1400	1054					<u> </u>			+		+	1.		-	+	l ·	
1000	15	210	IUNA	1601	+							+		+	1	+	-			
200	15	212	1100	1660		1						+		1		1				
11/17	<u></u>		1		· · ·	1		1		[
0400	15	210	1409	1646		1		1		[<u> </u>		
0800	15	211	1404	1632	1743	PPM/	969	PPMV	1730	PPMV	857	PPMV	1.70	9.31	1465	PPMV		<u> </u>		
1200	15	213	1406	1621		T														
1600	15	212	1409	1638														ļ		
2000	15	215	1409	1629																
	1	1	1														<u> </u>	<u> </u>	_	
	1		1															_		ļ,
				1	1												1			
				······································																

Comments:

11/17 - TOOK VAPOR SAMPLE: COMBINED @ 1210 (1623 ppmv).

CALCLEAN INC.

(714) 734-9137

Project Lo	cation: 9	89 41ST :	STREET			City: OA	KLAND		Site	#: CALI	FORNIA	LINEN			Date	: <u> _ </u>	<u>8</u> /2006	F	age <u>14</u> of	i
Client: C	LIFORM	NIA LINEI	N				Operato	r (s): <u>B</u>	RANDO	N										
					Wel#1: {	5-2	Weli#2: É	=-1	Well #3: É	5-3	Well #4: E	-6	Well #5: €	-7	Well #6:↑⁄	IW-1	Well #7: I	-1	Well #8:	
Initial Dep	th to Grou	indwater/F	P		٩.	13	7.	25	10.1	21	9.8	35	8.7	'3	16.	15		49		
Screen In	erval				<u> </u>										Vacuum	NTW	Vacuum	DTW	Vacuum	DTW
Time	Unit Vacuum ("Ho.)	Total Flowrate	TOX Temp. (deaE)	TOX Inlet Conc.		Stinger Depth (feet)	-	Stinger Depth (feet)					VAC	DTW	"H ₂ O	(ft)	"H ₂ O 7 Am	(ft) - 5pm	"H ₂ O	(ft)
	(119.)	(30111)	(degi /	(ppiiii)	E	23	Ē	23'	Ē	231	E	191			E	zo'	A	S		
11/18																				
DUDO	15	210	1410	1624			i											ļ		
0500	15	211	1407	1614	1736	PPMV	963	PPMV	1727	<i>PP</i> m√	853	PPMV	N/A	N/A-	1454	PPM√				
1200	15	214	1404	1620											ļ		ļ	ļ	 	
1600	15	215	1408	1624									<u> </u>		ļ	ļ	ļ			
2000	15	213	1409	1616		í.						 		_			_	<u> </u>		
		· · · ·			ļ	ļ		ļ.		ļ'		<u> </u>								
11/19		ļ			ļ	ļ		ļ		<u> </u>		 	<u> </u>	 						
0400	15	23	1408	1607	<u> </u>	ļ		ļ							1	1.0			╂	
0700	15	210	1409	1610	1747	PRMV	910	PPMV	1731	RPMV	849	PPMV	N/A	MA	1462	PPMV				
1200	15	212	1407	1589	<u> </u>	ļ	ļ	ļ				<u> </u>				 				
1600	15	214	1407	1607		ļ		ļ	ļ			<u> </u>	╂────					┼───		·
2000	15	210	1409	1596			 		ļ. <u> </u>			╂────				+		+		<u> </u>
	<u> </u>			<u> </u>						+		+		+		+	+	+	-	
11/20		011	1110-7	16.00		+	· · · · ·	╂────						+	1	-				
04017	15	215		160/-	17011	Baral	al-B	ORAAN /	1725	PPas /	84G	DOWN	175	9.67	1455	EPMAN				
0700	112	415	11910	1201	TIP	TrmV	100	PPMV	1125	IIImv	0-10	FININ	1.70	1.00						
1200	110	$\frac{40}{212}$	11708	1576									1	1						
1000		410	1409	1500		+	1			+			1	+		1				
2000	15	14	1404	11-27				+				1	-	-		1				
		+	<u> </u>				1	+		+		+	1		-	1				
	+	+	+	+	1	+	1	1	1	+		1	1	1						
	unts'	_L	"I	<u></u>					4											

CALCLEAN INC.

(714) 734-9137

Project Lo	cation: 9	89 41ST :	STREET			City: OA	KLAND		Site	#: CALI	FORNIA	LINEN			Date	: <u>// 12</u>	_/ 2006	, F	age <u>/5</u> of	i
Client: C	ALIFORM		N				Operato	r (s): <u> </u>	PRAND	ON										
				,	Well#1:	E-2	Well#2:E	- 1-	Well #3: E	-3	Well #4: E	-6	Well #5: E	-7	Well #6: M	1W-I	Well #7: I	-1	Well #8:	
Initial Dep	th to Grou	indwater/F	Р		9.9	3	7.1	-5	. 10.7	21	9.9	35	8.	13	<u> </u>	75	14.4	19		
Screen In	terval													T) (a au una	DTM	Voouum		Vacuum	TW
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					VAC	DTW	vacuum "H₂O	(ft)	"H ₂ O	(ft)	"H ₂ O	(ft)
	("Hg.)	(scfm)	(deg⊦)	(ppmv)	~	(feet)	E			2-21	<u> </u>	191			F	201	1000	37/10		
	· · · · ·	0.00			E	25	E	25		23		· ·								
11/21	15	204	1405	1581			aro		1910		Gam		170	0 00	111-0	00.01				
0400	15	211	1407	1579	1706	PPMV	959	PPMV	1713	PPMV	831	PPMV	1.12	7. 27	1950	PPMV				
0800	15	210	1412	1574													 		╂────┼	
1200	15	211	1409	1566			ļ						[┨────┤	
1600	15	213	1407	1575			ļ			ļ			 		 				├ ───┤	
2000	15	209	1404	1572	<u> </u>	<u> </u>	 			<u> </u>					╂────					
11/20						 						+								
0400	15	210	1404	1577		<u> </u>						+			1	 				
105 m	N IS	215	1407	1562	1689	PPMV	943	PPMV	1690	PPMV	829	PPMV	1.82	9.57	1451	PPMV				
1200	15	212	NUNT	1500											T					
1600	15	211	1410	1566		1		1		1				1						
2000	15	214	14011	1561																
																		<u></u>	<u> </u>	
11/23		· ·	1										1					<u> </u>		
0400	15	214	1410	1558]			<u> </u>					:		ļ
0800	15	213	1410	1554	1674	PPMV	928	PPMV	1703	PPMV	817	PPMV	~/4	· ~/4	1447	PPMV				
1200	15	215	1411	1559	· ·												_			┝────
1600	15	214	1412	1562									<u> </u>					+		
2000	15	210	1410	1545		ļ	ļ	<u> </u>	 	<u> </u>	<u> </u>		_				<u> </u>			<u> </u>
				ļ		<u> </u>										+				<u> </u>
									<u> </u>						+	+			+	<u> </u>
L		"I	1	<u> </u>	1	<u></u>	1		L				<u> </u>						_1	<u>.</u>
Comme	ents:	w				~										~ _				

CALCLEAN INC.

(714) 734-9137

Project Lo	cation: 9	89 41ST :	STREET			City: OA	KLAND	0.	Site #	¢: CALI	FORNIA	LINEN	l		Date	: <u>11 /2</u>	<u>4</u> 12006	F	age <u>16</u> of	:
Client: C	ALIFORM	IIA LINEI	N		Malt#1: F	-2-		r (s): Df	Wall #3 F) 	Well #4: £	-6	Well #5: E	-7	Well #6: [~	IW-1	Well #7: 1	-1	Well #8:	
Initial Dep	th to Grou	indwater/F	P		୍ ୍ ଏ	13	7.1	15	10.1	21	9.9	5	8.7	3	16.1	15	[4.4	19		
Screen In Time	terval Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAC	DTW	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O 7AM-	DTW (ft) - 5pm	Vacuum "H ₂ O	DTW (ft)
	<u>, , , , , , , , , , , , , , , , , , , </u>	, <i>, ,</i>			E	23'	E	23'	E	23'	E	191			E	201		ļ		
11/24																		ļ	 	
0400	15	214	1409	1534									ļ	ļ			ļ	<u> </u>		
0800	15	211	1407	1541	168	PPMV	920	PPMV	1709	PPMV	814	ppm√	1.80	9.53	433	PPMV	<u> </u>			
1200	15	209	1407	1539										<u> </u>	_	<u> </u>			╂────┤	
1600	15	209	1409	1535			L					_	ļ			ļ	<u> </u>		-	
2000	15	212	1409	1540		2								+	_	ļ			$\left\{ \begin{array}{c} \end{array} \right\}$	
11/25																		1		
0400	15	211	1409	1531										<u> </u>		ļ		<u> </u>		
0800	15	215	1411	1529	1672	PPMV	913	PPMV	1691	PPMV	809	PPMV	N/A	N/A	1426	PPMV	/			
1200	15	210	1411	1524									_			_				
1600	15	212	1415	1520		ļ				ļ			<u> </u>		· ·					·
2000	15	213	1412	1517			 							+	1				-	
11/26		+			+															
0400	15	211	1409	1510								· ·						<u> </u>		╞────
0800	15	213	1412	1492	1669	PPMV	904	PPMV	1697	PPMV	199	PPMV	/ ~/A	* N/A	1420	PPM	4	<u> </u>		
1200	15	214	1411	1514						<u> </u>	ļ		<u> </u>							┼────
1600	15	211	1412	1518							_		_							
2000	15	215	1410	1509			<u> </u>		_	ļ						+				╂
			<u>_</u>				<u> </u>									+		+		<u> </u>
				+						+	+					+	1	+	-1	
	1	<u></u>	<u> </u>	<u></u>			1	_ _	_ _	_ 	<u> </u>	_ <u>i</u>								

Comments:

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Project Lo	(74) 734-9137 (74) 734-9137 (74) 734-9137 Operator (s): Site #: CalifORNIA LINEN Date: $[1/2]/2000$ Page [1] or Operator (s): Site #: CalifORNIA LINEN Date: $[1/2]/2000$ Page [1] or Operator (s): Site #: CalifORNIA LINEN Date: $[1/2]/2000$ Page [1] or allogen to Groundwater(FP																			
Client: C		IA LINE	N				Operato	r (s): <u>B</u>	RANDUN	J/F	it not	ζ								
					Well#1:E	-2	Well#2: {	5-1	Well #3: 🖯	-3	Well #4: E	6	Well #5:E	-7	Weli #6: N	1W-1	Well #7: I	-1	Well #8:	
Initial Dep	th to Grou	indwater/F	P		٩,	93	7,1	25	10.2	7	9.4	35	8.7	3	16.7	15		9		
Screen Int	erval	Tatal	тох	TOX Inlat		Stinger		Stinger				<u> </u>			Vacuum	DTW	Vacuum	DTW	Vacuum	DTW
lime	Vacuum	Flowrate	Temp.	Conc.		Depth		Depth					VAC	DEN	"H₂O	(ft)	"H₂O	(ft)	"H₂O	(ft)
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					inc.	2 100			7Am	-5pm	┟────┽	
					É	23	E	23'	E	23'	E	19'		<u> </u>	E	20'			 	
11/27										ļ		<u> </u>			 		 	 	┠────┤	
0400	15	213	1410	1495														<u> </u>		
0800	15	215	1410	1482	1649	PPMV	891	prmv	1693	PPMV	184	PPMV/	1.70	9.56	1414	PPMV	 		╂}	
1200	15	212	1408	1486	ļ			<u> </u>		ļ					ļ	 	_		+	
1600	15	212	1407	1479	ļ		ļ			<u> </u>			 		 			<u> </u>		
2000	15	214	1404	1472		;	ļ	<u> </u>	_	<u> </u>			<u> </u>	<u> </u>	_	<u> </u>				
							ļ		_	 						┨────		+		
11/28			<u> </u>		42			<u> </u>	<u> </u>	ļ	<u> </u>	<u> </u>			_					
0400	15	215	1407	1485		ļ	<u> </u>		<u> </u>		740	<u> </u>	l	0(1	140			+		
0800	15	214	1409	1474	1656	PPMV/	887	PPMV	1688	PPMV	119	PPMV	1.75	7.61	1420	PPMV				
1200	15	212	1410	1472									_							
1600	15	213	<u>ull</u>	1473		<u> </u>	·						+						+	
2000	15	214	1408	1483				<u> </u>										+	+	
	ļ		_						- 		+							+		<u> </u>
11/29				FUGI	<u> </u>							╂	╂───				-			<u> </u>
0400	15	<u>a13</u>	114/2	1486		20	1001	000	11/22	Do .s	1775	Poul	170	-9 50	MILIG	Pon	7	+	-	<u> </u>
0800	15	<u>aiz</u>	1413	1464	1001	PMY	1984	<u>r /////</u>	1005	PM	113	<u>i //nv</u>	Γ^{\prime} / V	+	1910	1000		+		1
1200	15	<u>All</u>	1414	11485	_										-		-	1	-	<u> </u>
1600	15	215	1410	1480									+		-				-	<u>† </u>
paoo	115	2.14	1412	14/7									+		+		-	+	1	<u> </u>
													+			+		+	1	1
			+								+		+			1	1	1		1
	<u> </u>	1								<u> </u>		200	, I							
Comme	ents: 11/	121-	1001		UK_	SAMP	LCO .		MOIN			Sr Ser Cor			<u>, , , , , , , , , , , , , , , , , , , </u>				****	

THIST VACUOIN DOAL FUNCE LATING THAT THE TABLE AND LOCAL THACE LATING THAT THE TABLE AND LOCAL THACE LATING THAT THAT THAT THAT THAT THAT THAT THA														4) 734-913	37					
Initial Dealer Trade Latrostering and the production andinterval andintervaling and the production and the production and														age 💋 o	f					
THIST VACUUM DOLETHINGE EXTRUCTION EXAMINES (F): OAKLAND Site #: CALIFORNIA LINEN Date: [1_30] 2006 Project Location: 989 41ST STREET City: OAKLAND Site #: CALIFORNIA LINEN Date: [1_30] 2006 Operator (s): $aftick Date: [1_30] 2006 Time Unit Total Tox Tox Intet Stinger Depth Depth Vacuum DTW Vacuum TW: Vacuum$																				
					Wei#1: E	-2	Well#2:	-1	Well #3: E	-3	Well #4: E	5-6	Well #5: E	-7	Well #6:	1W-1	Well #7:	-1	Well #8:	
Initial Dep	th to Grou	ndwater/F	Р		9,9	3	7.2	25	10.2		9,85		8,73		16,7	5	14,4	9		
Screen In	erval		TOY	TOX	· ·	Chingon		Stinger							Vacuum	DTW	Vacuum	DTW	Vacuum	DTW
Time	Unit Vacuum	l otal Flowrate	Temp.	Conc.		Depth		Depth							"H ₂ O	(ft)	"H₂O	(ft)	"H₂O	(ft)
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					VAC	DfW			7 Am-	<u>51m</u>	┟───┤	
					E	23'	E	23'	E	23'	E	19'			E	201			 	
11/30															ļ				┨	
0400	15	214	1410	1483				_				L			1.10	D			┠───┤	
0800	15	215	1413	1479	1648	PPmv	881	PPMY	1679	PmV	772	TPmV	1.72	<i>q,5</i> 5	1419	IMM				
1200	15	212	1411	1477			ļ					<u> </u>	ļ							
1600	15	213	1411	1469		ļ	·			ļ		 	<u> </u>							
2000	15	213	1409	1472		2	<u> </u>		ļ	_	<u> </u>		 	 				 	┨────┦	
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(714)	734-9137
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Project Lo	cation: 9	89 41ST 3	STREET			City: OA	KLAND	~	Site	#: CALI	FORNIA	LINEN			Date	: <u>[]</u>]	<u>3</u> /2006	F	age <u>[</u>] of	í <u> </u>
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CALCLEAN INC.

(714) 734-9137 Date: 12/6/2006 Project Location: 989 418T STREET City: OAKLAND Page 20 of Site #: CALIFORNIA LINEN Operator (s): Patrick Client: CALIFORNIA LINEN Well#1: E-2 Well#2: E-1 Well#3: E-3 Well#4: E-6 Well#5: E-7 Well#8: MW-/ Well#7: I-1 Well #8; Initial Depth to Groundwater/FP 9.07 7,25 10.21 9,85 8.73 16,75 14.49 Screen Interval Time TOX Unit Total TOX Inlet Stinger Stinger Vacuum DTW Vacuum DTW Vacuum DTW Vacuum Flowrate Temp. Conc. Depth Depth "H₂O (fit) **'H**,O (ft) "H₂O (ft) ("Hg.) (scfm) (degF) (ppmv) Vac DH 7Amt-SPM (feet) (feel) E 23' 23 E 23' E E 191 E 20' 12/6 CULOO 22 141711475 5 1645 PPMV 872 PPMV 1661 17 MV 756 PPMV 11.70 858 14.16 PPMV 14141473 0200 5 273 406 1473 1200 5 boc \mathcal{D} 1410 1469 5 219 1211465 15 2000 22014121476 OUDO -15 15 1408 1472 1643 PMV 871 PAN 1658 PMV 754 PMV 1.70 8.991413 PMV)ROO 210 216 1469 2001419 14 69 720 bOO 15 1419 146 2000115 214 219 5 1410 1474 : 1641 1PPm 1869 1Pm1 1656 PPm1 751 213 1415 147 15 1PmV 1.75 19.5914,11 PrmV 21 1464 15 141 220 1408 (pri) 15 146 18 212 1417 144.3 2000comments: 12/80 1200 Two Valor SEMPIC'S COMDINE (14GPPMY)

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EMERYVILLE

HIGH VACUUM DUAL PHASE EXTRACTION - WATER METER FIELD DATA SHEET

CALCLEAN INC. (714) 734-9137

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Project Client:	Location: CALIFO	989 41ST STRE RNIA LINEN	ET	City: OAKLAND Site #: CALIFORNIA LINEN Operator (s): BRANDON / Patrick						Date: 11 /11 / 2006 Page 2 of				
Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.
START	10/12	347260	.8	Ø.	11/21	0800	368190	20930	500	12/3	0800	374950	27690	580
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11/ <u>12.</u>	0800	363 Lun	15880	360						12/5	0800	376200	29000	680
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					11/24	0800	369130	22470	510			The		120
/1/ _{Р4}	0800	364280	17020	630						12/8	0800	378110	30850	490
					11/25	0800	370280	23020	550	12/9	0800	378620	31360	510
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					1/28	DROD	371980	24720	670	- -	VIOC	100 4 10		
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11/19	070	367130	19870	52-0	11/30	<i>p900</i>	3732.00	25140	580	17/12	hang	78/557	34290	340
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01/06/2007

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EMERYVILLE

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CalClean High Vacuum Dual Phase Extraction and Treatment Event Report, January 28, 2007

"A Partner in Protecting California's Waters"

January 28, 2007

California Linen Rental Company 989 41st Street Oakland, CA 94608

- ATTN: MR. JOEL PITNEY
- SITE: CALIFORNIA LINEN 989 41ST STREET OAKLAND, CALIFORNIA
- RE: HIGH VACUUM DUAL PHASE EXTRACTION AND TREATMENT EVENT REPORT

Dear Mr. Pitney:

CalClean Inc. is submitting this High Vacuum Dual Phase Extraction and Treatment Event Report for the above referenced site. This report includes all activities performed during the dates of October 12, 2006 to January 9, 2007.

From October 12, 2006 to January 9, 2007, CalClean performed a 90-day high vacuum dual phase extraction (HVDPE) event on several onsite wells using a low-noise, truck-mounted 450-CFM high-vacuum liquid ring blower along with a Bay Area Air Quality Management District (BAAQMD) various locations permitted propane-fired thermal oxidizer (Plant No. 12568). This technology allows hydrocarbons to be simultaneously removed from the vadose zone, capillary fringe, and saturated soil zone. A high vacuum was applied for vapor extraction and drawdown of the groundwater table around the extraction wells, while vacuum and vapor flow rates were modified to optimize recovery of vapor, free-product (if any) and dissolved-phase hydrocarbons.

During the event, the high vacuum dual phase extraction (HVDPE) system was connected to various wells individually or in combination. After a short-term test was conducted in several extraction wells, high vacuum dual phase extraction was performed at various times in wells W-1, E-2, E-3, E-6, E-7 and MW-1. On October 19, 2006, air-sparging using an oil-free air compressor was conducted in wells I-1 and I-2. HVDPE activities were conducted for a total of 60 days during the HVDPE event.
Vapor samples were collected in Tedlar bags from each extraction well when first connected, during the event and then again at the end of the event. Combined influent samples were also collected during the event. The laboratory results, listed in Table 1 and laboratory reports included in Attachment 1, indicate the following:

- The starting Total Petroleum Hydrocarbons as Gasoline (TPH-G) vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 2,650 ppmv, 860 ppmv, 2,370 ppmv, 3,700 ppmv, and 8,800 ppmv, respectively. The ending TPH-G vapor concentrations were 409 ppmv, 86 ppmv, 323 ppmv, 309 ppmv, and 95 ppmv, respectively. The TPH-G vapor concentration in well E-7 was 344 ppmv. The starting and ending Combined well TPH-G vapor concentrations were 1,310 ppmv and 373 ppmv, respectively.
- The starting Benzene vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 18 ppmv, 0.39 ppmv, 23 ppmv, 20 ppmv, and 68 ppmv, respectively. The ending Benzene vapor concentrations were 1.7 ppmv, ND<0.01 ppmv, 1.4 ppmv, 1.2 ppmv, and 0.15 ppmv, respectively. The Benzene vapor concentration in well E-7 was 0.44 ppmv. The starting and ending Combined well Benzene vapor concentrations were 8.5 ppmv and 1.6 ppmv, respectively.

The total equivalent amount of hydrocarbons recovered through vapor extraction during the 90day event was 9,426.32 pounds (based on laboratory data), and 10,293.05 pounds (based on the Horiba field organic vapor analyzer data) with an average of **9,859.69 pounds**. The cumulative tabulation of recovered hydrocarbons (based on laboratory data) is provided in Table 2. The cumulative tabulation of recovered hydrocarbons (based on the field organic vapor analyzer data) is provided in Table 3. These results indicate that dual-phase vacuum extraction using a mobile high-vacuum system is acting as an effective remedial technology at this site in reducing Total Petroleum Hydrocarbons as Gasoline, BTEX and MtBE constituent concentrations in the vadose and saturated zone.

The total volume of hydrocarbon-affected groundwater recovered from the extraction wells during the HVDPE event was approximately 47,180 gallons. The extracted water was treated onsite in a granular activated carbon canister system in accordance with the sewer discharge requirements for the city of Oakland.

The following attachments are included to document the HVDPE event at the site:

Table 1	Results of Laboratory Analysis of Influent Vapor Samples
Table 2	High Vacuum Dual Phase Extraction Spreadsheet (using Lab Data)
Figure 1	Total Inlet HC Concentrations versus Time (90-Days, Using Lab Data)
Figure 2	Cumulative HC Recovered over 90 Days (using Lab Data)
Table 3	High Vacuum Dual Phase Extraction Data Spreadsheet (using Horiba Data)
Figure 3	Total Inlet HC Concentrations versus Time (90-Days, Using Horiba Data)
Figure 4	Cumulative HC Recovered over 90 Days (using Horiba Data)
Attachment 1	Laboratory Reports
Attachment 2	High Vacuum Dual Phase Extraction Field Data Sheets

It has been a pleasure as we continue to work on this project. If you have any questions regarding this report, please contact us at (714) 734-9137 or via cell phone at (714) 936-2706.

Sincerely,

CALCLEAN INC.

bellsherra

Noel Shenoi Principal Engineer

Attachments

Cc: Mr. Paul King, P&D Environmental

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Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-1	10/13/2006 0500	2,650	18	276	62	87
E-1	11/1/2006 1140	1,750	3.6	1.3	19	70
E-1	11/11/2006 0850	1,490	9.7	8.9	6	24
E-1	12/11/2006 1220	203	0.45	1.4	0.78	4.9
E-1	1/9/2007 1210	409	1.7	8.9	1.6	6.6
E-2	11/1/2006 1210	860	0.39	2.2	11	38
E-2	11/11/2006 0900	458	0.7	2.2	3.3	18
E-2	12/11/2006 1205	213	0.5	1.7	1.1	6.4
E-2	1/9/2007 1205	86	ND<0.01	0.29	0.31	2
E-3	10/13/2006 1000	2,370	23	53	20	69
E-3	11/1/2006 1225	1,040	2.6	5.4	9.2	42
E-3	11/11/2006 0910	570	0.67	2	3.8	21
E-3	12/11/2006 1215	180	0.35	1.4	1.1	6.7
E-3	1/9/2007 1215	323	1.4	6.7	1.3	5.4

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-6	10/13/2006 0100	3,700	20	115	78	330
E-6	11/1/2006 1155	962	2.4	5.3	11	40
E-6	11/11/2006 0920	619	0.67	2.1	4.1	22
E-6	12/11/2006 1210	123	ND<0.025	0.74	0.94	5.4
E-6	1/9/2007 1220	309	1.2	7.2	1.3	5
E-7	10/13/2006 1400	344	0.44	3	1.2	3.6
м w -1	10/12/2006 2200	8,800	68	228	73	255
MW-1	11/1/2006 1235	1,260	3.2	7.2	11	44
MW-1	11/11/2006 0930	1,060	6.7	6.8	5.1	24
MW-1	12/11/2006 1225	182	0.5	1.4	0.65	4.5
MW-1	1/9/2007 1225	95	0.15	0.4	0.2	0.72

(Contd.)

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	10/13/2006 1600	1,310	8.5	8.4	13	38
COMBINED	10/17/2006 1400	1,360	8.8	8.9	13	39
COMBINED	10/19/2006 1300	2,560	9.6	44	44	171
COMBINED	10/19/2006 1500	6,580	28	139	75	224
COMBINED	10/24/2006 1200	1,950	7.1	16	12	26
COMBINED	10/29/2006 1700	3,540	12	27	68	249
COMBINED	11/1/2006 1130	1,080	3.1	7.3	11	40
COMBINED	11/3/2006 1600	2,100	9.5	14	14	51
COMBINED	11/10/2006 0010	6,500	63	28	12	39
COMBINED	11/11/2006 0840	1,760	13	11	5.6	23
COMBINED	11/17/2006 1210	1,160	7	14	6	16
COMBINED	11/22/2006 1200	426	2	12	2.2	6.2
COMBINED	11/27/2006 1200	832	4.3	15	3.9	12
		ļ		L	(Contd.)	

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)				
COMBINED	12/1/2006 1200	476	1.5	4	2.9	11				
COMBINED	12/8/2006 1200	3,000	40	117	1.3	1.7				
COMBINED	12/11/2006 1200	266	0.9	2.2	1.4	8.3				
COMBINED	12/14/2006 0800	297	1.2	2.1	1.2	3				
COMBINED	12/21/2006 1205	211	0.71	2.9	0.72	2.1				
COMBINED	12/26/2006 1200	240	0.69	1.8	0.89	1.5				
COMBINED	1/9/2007 1201	373	1.6	7.7	1.4	6.1				
Notes: ppmv = parts per million by volume THP-G, BTEX analyzed by EPA 8015/8021 TPH - g = total petroleum hydrocarbons - gasoline										

CalClean Inc.

 Table 2

 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

		SYSTEM P/	ARAMETERS					
TIME	AverageAverage TotalSystemSystem InletVacuumFlow(in of Hg)(scfm)		Influent Concentrations Post-dilution* (ppmv)	Hydrocarbon Recovery (lbs) (gal) (Cumul. lbs)				
10/12/2006 18:00	25	22	535	0.00	0.00	0		
10/13/2006 1:00	25	27	3,700	4.94	0.79	4.94		
10/13/2006 5:00	25	25	2,650	4.50	0.72	9.44		
10/13/2006 10:00	25	26	2,370	4.36	0.70	13.80		
10/13/2006 14:00	25	24	344	1.85	0.30	15.64		
10/13/2006 16:00	15	210	1,310	2.63	0.42	18.28		
10/17/2006 14:00	15	201	1,360	351.11	56.20	369.39		
10/19/2006 13:00	15	295	2,560	311.04	49.79	680.43		
10/19/2006 15:00	13	230	6,580	32.67	5.23	713.10		
10/24/2006 12:00	16	215	1,950	1,511.65	241.96	2,224.75		
10/29/2006 17:00	15	231	3,540	1,041.78	166.75	3,266.53		
11/1/2006 11:30	15	226	1,080	477.90	76.49	3,744.43		
11/3/2006 16:00	15	229	2,100	258.56	41.39	4,002.98		
11/10/2006 0:10	15	211	6,500	1,959.87	313.71	5,962.86		
11/11/2006 8:40	15	210	1,760	384.68	61.57	6,347.54		
11/17/2006 12:10	15	213	1,160	620.12	99.26	6,967.66		
11/22/2006 12:00	15	212	426	274.93	44.01	7,242.59		
11/27/2006 12:00	15	212	832	217.86	34.87	7,460.45		
12/1/2006 12:00	15	213	476	181.65	29.07	7,642.10		
12/6/2006 12:00	15	219	3,000	613.34	98.17	8,255.44		

CalClean Inc.

Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

		SYSTEM P	ARAMETERS	文集が、議論				
TIME	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	Hydrocarbon Recovery (lbs) (gal) (Cumul. lbs)				
12/11/2006 12:00	15	222	266	588.29	94.16	8,843.73		
12/14/2006 8:00	15	217	297	57.21	9.16	8,900.94		
12/21/2006 12:05	15	210	211	127.05	20.34	9,027.99		
12/26/2006 12:00	15	240	240	82.84	13.26	9,110.83		
1/9/2007 12:01	15	210	373	315.49	50.50	9,426.32		
	TOTAL HC F	RECOVERED* - LA	AB DATA	9,426.32	1,508.82			
	TOTAL HC F	10,293.05	1,647.55					
	Average HC R	9,859.69	1,578.18					

TOTAL GROUNDWATER EXTRACTED 47,180

in of Hg = inches of mercury

ppmv = parts per million by volume

gal = gallons

lbs = pounds

scfm = standard cubic feet per minute

* Concentration data based on laboratory data.

** Based on Horiba field analyzer data.

*** Average HC Recovered using Laboratory and Horiba data





	Education	Extraction	Extraction	Extraction	Extraction	SYSTEM PARAMETERS							
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (ŭ	Irocarbon Reco Ising Horiba Da	very ta)	
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
10/12/2006 18:00						25	22	<u>535</u>	3	0.00	0.00	0	
10/12/2006 19:00						25	23	2,260		0.43	0.07	0.43	
10/12/2006 20:00						25	28	3,510		1.00	0.16	1.43	
10/12/2006 21:00						25	25	3,980		1.35	0.22	2.78	
10/12/2006 22:00					 	25	30	3,410	4	1.38	0.22	4.16	
10/12/2006 23:00						25	28	3,930		1.45	0.23	5.61	
10/13/2006 0:00						25	22	2,010		1.01	0.16	6.62	
10/13/2006 1:00						25	27	1,909		0.65	0.10	7.28	
10/13/2006 2:00						25	29	1,802		0.71	0.11	7.99	
10/13/2006 3:00						25	21	1,833		0.62	0.10	8.60	
10/13/2006 4:00						25	20	1,110		0.41	0.07	9.01	
10/13/2006 5:00						25	25	1,010		0.32	0.05	9.34	
10/13/2006 6:00						25	28	1,130		0.39	0.06	9.73	
10/13/2006 7:00						25	26	1,180		0.42	0.07	10.15	
10/13/2006 8:00						25	26	410		0.28	0.05	10.43	
10/13/2006 9:00						25	30	192		0.11	0.02	10.55	
10/13/2006 10:00						25	28	625		0.16	0.03	10.71	
10/13/2006 11:00						25	24	797		0.25	0.04	10.96	
10/13/2006 12:00						25	23	895		0.27	0.04	11.23	
10/13/2006 13:00						25	26	701		0.27	0.04	11.50	
10/13/2006 14:00						25	25	530		0.21	0.03	11.71	
10/13/2006 15:00						25	29	302		0.15	0.02	11.86	
10/13/2006 16:00						15	210	6,990		5.93	0.95	17.79	
10/13/2006 20:00						15	181	5,120		64.47	10.32	82.26	
10/14/2006 0:00						15	183	4,310		46.73	7.48	129.00	

CalClean Inc.

Table 1

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

				Extraction	Extraction		SYSTE	M PARAMETERS					
TIME	Extraction Well # E-1	Extraction Well # E-2 (Stinger	Well # E-3	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Hydrocarbon Recovery (using Horiba Data)		
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)	
10/14/2006 8:00						15	199	4,330		89.87	14.39	218.87	
10/14/2006 12:00						15	201	3,330		41.72	6.68	260.58	
10/14/2006 16:00						15	183	3,510		35.76	5.72	296.34	
10/14/2006 20:00						15	195	3,470		35.92	5.75	332.27	
10/15/2006 0:00						15	191	3,480		36.52	5.85	368.79	
10/15/2006 8:00						15	187	3,410		70.92	11.35	439.71	
10/15/2006 12:00						15	193	3,370		35.08	5.61	474.79	
10/15/2006 16:00						15	190	1,880		27.38	4.38	502.16	
10/15/2006 20:00						15	200	1,980		20.50	3.28	522.66	
10/16/2006 0:00						15	195	1,835		20.52	3.28	543.18	
10/16/2006 6:00						15	203	2,130		32.23	5.16	575.41	
10/16/2006 8:00						15	199	2,280		12.07	1.93	587.47	
10/16/2006 12:00						• 15	208	2,940		28.93	⁻ 4.63	616.40	
10/16/2006 16:00						15	215	3,080		34.67	5.55	651.07	
10/16/2006 20:00						15	220	3,970		41.75	6.68	692.82	
10/17/2006 0:00						15	210	4,210		47.89	7.67	740.71	
10/17/2006 4:00						15	193	2,970		39.40	6.31	780.11	
10/17/2006 4:00						15	205	3,310		0.00	0.00	780.11	
10/17/2006 8:00						15	225	2,830		35.95	5.75	816.05	
10/17/2006 12:00						15	202	2,790		32.67	5.23	848.73	
10/17/2006 16:00						15	201	3,670		35.45	5.67	884.17	
10/17/2006 20:00						15	210	3,020		37.44	5.99	921.61	
10/18/2006 0:00	1					15	199	2,930		33.13	5.30	954.74	
10/18/2006 4:00						15	204	2,890		31.93	5.11	986.67	
10/18/2006 8:00						15	195	2,510		29.33	4.70	1,016.01	

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM PARAMETERS						
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (t	Hydrocarbon Recovery (using Horiba Data)		
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
10/18/2006 12:00						15	1201	2,780		100.54	16.09	1,116.55	
10/18/2006 16:00						15	210	2,540		102.20	16.36	1,218.75	
10/18/2006 20:00						15	206	2,510		28.60	4.58	1,247.36	
10/19/2006 0:00						15	200	2,620		28.36	4.54	1,275.71	
10/19/2006 4:00						15	215	2,480		28.82	4.61	1,304.53	
10/19/2006 8:00						15	195	2,610		28.41	4.55	1,332.94	
10/19/2006 12:00						15	295	2,330		32.96	5.28	1,365.90	
10/19/2006 14:00						13	230	2,260		16.40	2.63	1,382.30	
10/19/2006 15:00						13	234	2,110		6.90	1.10	1,389.21	
10/19/2006 16:00						13	261	1,980		6.89	1.10	1,396.10	
10/19/2006 17:00						13	260	2,110		7.25	1.16	1,403.35	
10/19/2006 18:00						13	245	2,105		7.25	1.16	1,410.59	
10/19/2006 19:00						13	223	1,610		5.92	0.95	1,416.51	
10/19/2006 20:00						13	220	1,755		5.07	0.81	1,421.59	
10/19/2006 21:00						13	219	1,731		5.21	0.83	1,426.80	
10/19/2006 22:00						13	223	1,789		5.30	0.85	1,432.09	
10/19/2006 23:00					_	13	225	1,740		5.38	0.86	1,437.47	
10/20/2006 0:00						13	230	1,710		5.34	0.86	1,442.82	
10/20/2006 4:00						13	233	1,663		21.26	3.40	1,464.08	
10/20/2006 8:00						13	220	1,603		20.14	3.22	1,484.22	
10/20/2006 12:00						13	236	1,723		20.65	3.31	1,504.87	
10/20/2006 16:00						13	210	1,441		19.21	3.08	1,524.08	
10/20/2006 20:00						15	200	1,507		16.46	2.63	1,540.54	
10/21/2006 0:00						15	215	1,560		17.33	2.77	1,557.87	
10/21/2006 4:00						13	230	1,610		19.21	3.07	1,577.07	

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM PARAMETERS					
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyo (t	Hydrocarbon Recovery (using Horiba Data)	
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(sctm)	(ppmv)	(ppmv) *	(Ibs)	(gal)	(Cumul. Ibs)
10/21/2006 8:00	 '					13	235	1,693		20.91	3.35	1,597.99
10/21/2006 12:00	 '		<u></u>			15	201	1,510		19.01	3.04	1,617.00
10/21/2006 16:00	 '				·	15	200	1,110		14.30	2.29	1,631.30
10/21/2006 20:00						15	205	1,067		12.00	1.92	1,643.31
10/22/2006 0:00	<u> </u>					15	225	1,283		13.76	2.20	1,657.07
10/22/2006 4:00						15	225	1,623		17.80	2.85	1,674.87
10/22/2006 8:00						15	221	1,731		20.37	3.26	1,695.24
10/22/2006 12:00						15	218	1,793		21.06	3.37	1,716.30
10/22/2006 16:00						15	220	1,821		21.55	3.45	1,737.85
10/22/2006 20:00						15	195	1,220		17.18	2.75	1,755.03
10/23/2006 0:00						15	230	1,362		14.94	2.39	1,769.97
10/23/2006 4:00						15	225	1,960		20.58	3.29	1,790.55
10/23/2006 8:00						15	227	2,380		26.71	4.28	1,817.26
10/23/2006 12:00						15	219	2,460		29.39	4.70	1,846.65
10/23/2006 16:00						15	223	2,730		31.23	5.00	1,877.88
10/23/2006 20:00						16	217	2,520		31.45	5.03	1,909.33
10/24/2006 0:00						17	211	1,462		23.20	3.71	1,932.54
10/24/2006 4:00						17	210	1,936		19.48	3.12	1,952.01
10/24/2006 8:00						16	216	1,857		22.00	3.52	1,974.01
10/24/2006 12:00						16	215	1,890		21.99	3.52	1,996.00
10/24/2006 16:00						15	220	1,912		22.52	3.60	2,018.52
10/24/2006 20:00						17	211	1,887		22.29	3.57	2,040.81
10/25/2006 0:00				<u> </u>		15	224	1,623		20.79	3.33	2,061.60
10/25/2006 4:00						15	226	1,676		20.21	3.24	2,081.81
10/25/2006 8:00						16	217	1,813		21.04	3.37	2,102.86

CalClean Inc.

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Table 1 HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data) California Linen, Oakland, CA

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM PARAMETERS						
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco Ising Horiba Da	very (ta)	
in an	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
10/25/2006 12:00						16	220	2,150		23.58	3.77	2,126.43	
10/25/2006 16:00						15	228	2,340		27.39	4.38	2,153.82	
10/25/2006 20:00						15	225	2,520		29.97	4.80	2,183.80	
10/26/2006 0:00						15	223	2,480		30.50	4.88	2,214.29	
10/26/2006 4:00						15	225	2,610		31.05	4.97	2,245.34	
10/26/2006 8:00						15	227	2,580		31.94	5.11	2,277.28	
10/26/2006 12:00						15	220	2,750		32.44	5.19	2,309.72	
10/26/2006 16:00			,			15	231	2,870		34.51	5.52	2,344.23	
10/26/2006 20:00						15	220	2,890		35.37	5.66	2,379.59	
10/27/2006 4:00			'			15	231	2,750		69.26	11.09	2,448.86	
10/27/2006 8:00						15	229	2,830		34.95	5.59	2,483.80	
10/27/2006 12:00						15	225	2,770		34.61	5.54	2,518.42	
10/27/2006 16:00						15	227	2,730		33.85	5.42	2,552.27	
10/27/2006 20:00						15	225	2,610		32.86	5.26	2,585.13	
10/28/2006 4:00			·			15	226	2,530		63.12	10.10	2,648.25	
10/28/2006 8:00						15	228	2,650		32.02	5.13	2,680.27	
10/28/2006 12:00						15	225	2,810		33.68	5.39	2,713.95	
10/28/2006 16:00						15	219	2,770		33.73	5.40	2,747.68	
10/28/2006 20:00						15	230	2,620		32.95	5.27	2,780.63	
10/29/2006 4:00						15	221	2,750		65.95	10.56	2,846.57	
10/29/2006 8:00			<u> </u>			15	225	2,420		31.39	5.03	2,877.97	
10/29/2006 12:00						15	230	2,130		28.19	4.51	2,906.15	
10/29/2006 16:00					ļ	15	231	2,170		26.99	4.32	2,933.14	
10/29/2006 20:00						15	220	2,220		26.96	4.31	2,960.10	
10/30/2006 4:00						15	221	2,240		53.56	8.57	3,013.66	

	Extraction	Extraction	Extraction	Extraction	Extraction	1	SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (L	Irocarbon Recc Ising Horiba Da	overy ita)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/30/2006 8:00						15	227	2,580		29.40	4.71	3,043.06
10/30/2006 12:00						15	223	2,620		31.86	5.10	3,074.92
10/30/2006 16:00						15	228	2,570		31.87	5.10	3,106.78
10/30/2006 20:00						15	225	2,580		31.76	5.08	3,138.55
10/31/2006 4:00						15	225	2,310		59.92	9.59	3,198.47
10/31/2006 8:00						15	227	2,400		28.99	4.64	3,227.45
10/31/2006 12:00						15	228	2,430		29.92	4.79	3,257.37
10/31/2006 16:00						15	226	2,460		30.23	4.84	3,287.60
10/31/2006 20:00						15	227	2,480		30.47	4.88	3,318.07
11/1/2006 4:00						15	228	2,470		61.33	9.82	3,379.40
11/1/2006 8:00						15	226	2,530	3	30.91	4.95	3,410.30
11/1/2006 12:00						15	227	2,580		31.52	5.04	3,441.82
11/1/2006 16:00						15	230	2,420		31.11	4.98	3,472.93
11/1/2006 20:00						15	225	2,400		29.86	4.78	3,502.79
11/2/2006 4:00						15	225	2,380		58.57	9.38	3,561.36
11/2/2006 8:00						15	220	2,350		28.66	4.59	3,590.02
11/2/2006 12:00						15	231	2,310		28.61	4.58	3,618.63
11/2/2006 16:00						15	226	2,290		28.62	4.58	3,647.25
11/2/2006 20:00						15	232	2,260		28.37	4.54	3,675.62
11/3/2006 4:00						15	230	2,180		55.86	8.94	3,731.48
11/3/2006 8:00						15	226	2,150		26.88	4.30	3,758.36
11/3/2006 12:00						15	225	2,010		25.54	4.09	3,783.91
11/3/2006 16:00						15	229	2,200		26.02	4.17	3,809.93
11/3/2006 20:00						15	225	2,170		27.01	4.32	3,836.94
11/4/2006 4:00					<u> </u>	15	231	2,120		53.27	8.53	3,890.21

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hy (I	drocarbon Reco using Horiba Da	ivery ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/4/2006 8:00						15	225	2,050		25.89	4.14	3,916.10
11/4/2006 12:00						15	220	2,030		24.72	3.96	3,940.82
11/4/2006 16:00						15	223	1,993		24.26	3.88	3,965.08
11/4/2006 20:00						15	227	1,985		24.37	3.90	3,989.46
11/5/2006 4:00						15	220	1,970		48.14	7.71	4,037.60
11/5/2006 8:00						15	227	1,956		23.89	3.82	4,061.49
11/5/2006 12:00						15	232	1,934		24.31	3.89	4,085.80
11/5/2006 16:00						15	229	1,942		24.33	3.89	4,110.13
11/5/2006 20:00						15	225	1,961		24.13	3.86	4,134.25
11/6/2006 4:00						15	219	1,936		47.12	7.54	4,181.37
11/6/2006 8:00						15	227	1,902		23.31	3.73	4,204.67
11/6/2006 14:00						23	56	1,316		18.60	2.98	4,223.27
11/6/2006 14:30						23	50	1,295		0.47	0.08	4,223.74
11/6/2006 15:00						22	64	1,270		0.50	0.08	4,224.24
11/6/2006 15:30						22	64	1,198		0.54	0.09	4,224.78
11/6/2006 16:00						22	60	1,242		0.51	0.08	4,225.29
11/6/2006 16:30						22	63	1,256		0.52	0.08	4,225.81
11/6/2006 17:00						22	65	1,236		0.54	0.09	4,226.36
11/6/2006 17:30						22	65	1,191		0.54	0.09	4,226.89
11/6/2006 18:00						18	75	1,587		0.66	0.11	4,227.56
11/6/2006 18:30						18	77	1,595		0.82	0.13	4,228.38
11/6/2006 19:00						18	76	1,575		0.83	0.13	4,229.20
11/6/2006 19:30						18	76	1,568		0.81	0.13	4,230.02
11/6/2006 20:00						18	78	1,543		0.82	0.13	4,230.83
11/6/2006 20:30						18	77	1,511		0.81	0.13	4,231.64

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	W PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hy (i	drocarbon Reco using Horiba Da	ivery ita)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/6/2006 21:00						18	75	1,500		0.78	0.12	4,232.42
11/6/2006 21:30						18	76	1,492		0.77	0.12	4,233.19
11/6/2006 22:00						25	24	1,610		0.53	0.08	4,233.71
11/6/2006 22:30						25	25	1,565		0.26	0.04	4,233.98
11/6/2006 23:00						25	26	1,527		0.27	0.04	4,234.25
11/6/2006 23:30						25	24	1,493		0.26	0.04	4,234.50
11/7/2006 0:00						25	23	1,479		0.24	0.04	4,234.74
11/7/2006 0:30						25	25	1,446		0.24	0.04	4,234.98
11/7/2006 1:00						25	25	1,418		0.24	0.04	4,235.23
11/7/2006 1:30						25	24	1,399		0.23	0.04	4,235.46
11/7/2006 2:00						25	23	1,376		0.22	0.04	4,235.68
11/7/2006 11:00						18	75	1,546		8.77	1.40	4,244.45
11/7/2006 11:30					,	18	77	1,554		0.80	0.13	4,245.26
11/7/2006 12:00						18	74	1,539		0.79	0.13	4,246.05
11/7/2006 12:30						18	75	1,542		0.78	0.13	4,246.83
11/7/2006 13:00						18	78	1,536		0.80	0.13	4,247.63
11/7/2006 13:30						18	76	1,522		0.80	0.13	4,248.44
11/7/2006 14:00						18	78	1,519		0.80	0.13	4,249.23
11/7/2006 14:30						18	75	1,525		0.79	0.13	4,250.02
11/7/2006 15:00						18	74	1,516		0.77	0.12	4,250.80
11/8/2006 2:00						15	221	1,846		37.13	5.94	4,287.93
11/8/2006 8:00						15	217	1,834		32.92	5.27	4,320.85
11/8/2006 12:00						15	215	1,838		21.60	3.46	4,342.45
11/8/2006 16:00						15	219	1,825		21.64	3.46	4,364.09
11/8/2006 20:00						15	218	1,820		21.69	3.47	4,385.78

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	.M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hya (t	drocarbon Reco using Horiba Da	overy ata)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
11/9/2006 4:00				 -		15	215	1,810		42.80	6.85	4,428.58
11/9/2006 8:00	'					15	210	1,817		20.99	3.36	4,449.56
11/9/2006 12:00	'	!				15	212	1,789		20.72	3.32	4,470.28
11/9/2006 16:00		1				15	214	1,793		20.78	3.33	4,491.06
11/9/2006 20:00						15	215	1,765		20.78	3.33	4,511.84
11/10/2006 4:00						15	211	1,773		41.04	6.57	4,552.88
11/10/2006 8:00						15	213	1,760		20.40	3.26	4,573.27
11/10/2006 12:00						15	210	1,767		20.31	3.25	4,593.59
11/10/2006 16:00						15	212	1,751		20.21	3.24	4,613.80
11/10/2006 20:00						15	215	1,758		20.40	3.27	4,634.20
11/11/2006 4:00						15	214	1,762		41.12	6.58	4,675.32
11/11/2006 8:00						15	210	1,751		20.28	3.25	4,695.60
11/11/2006 12:00						15	211	1,764		20.15	-3.22	4,715.75
11/11/2006 16:00						15	214	1,756		20.37	3.26	4,736.11
11/11/2006 20:00				_		15	212	1,759		20.39	3.26	4,756.50
11/12/2006 4:00						15	210	1,752		40.35	6.46	4,796.85
11/12/2006 8:00						15	213	1,745		20.14	3.22	4,816.99
11/12/2006 12:00						15	215	1,747		20.35	3.26	4,837.34
11/12/2006 16:00						15	214	1,751		20.43	3.27	4,857.77
11/12/2006 20:00						15	210	1,743		20.17	3.23	4,877.94
11/13/2006 4:00						15	214	1,732		40.12	6.42	4,918.06
11/13/2006 8:00						15	212	1,727		20.06	3.21	4,938.12
11/13/2006 12:00						15	211	1,721		19.86	3.18	4,957.98
11/13/2006 16:00		T				15	215	1,716		19.93	3.19	4,977.91
11/13/2006 20:00						15	212	1,724		20.00	3.20	4,997.91

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hy (drocarbon Recc using Horiba Da	very ita)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/14/2006 4:00	'					15	212	1,710		39.65	6.35	5,037.56
11/14/2006 8:00	!			 	4	15	210	1,698		19.58	3.13	5,057.14
11/14/2006 12:00						15	211	1,693		19.44	3.11	5,076.58
11/14/2006 16:00						15	211	1,697		19.48	3.12	5,096.05
11/14/2006 20:00						15	214	1,704		19.68	3.15	5,115.73
11/15/2006 4:00						15	215	1,686		39.60	6.34	5,155.33
11/15/2006 8:00						15	211	1,691		19.59	3.14	5,174.92
11/15/2006 12:00						15	210	1,683		19.34	3.10	5,194.26
11/15/2006 16:00						15	212	1,679		19.32	3.09	5,213.58
11/15/2006 20:00						15	214	1,675		19.45	3.11	5,233.03
11/16/2006 4:00						15	213	1,670		38.89	6.23	5,271.92
11/16/2006 8:00						15	216	1,667		19.49	3.12	5,291.41
11/16/2006 12:00						15	214	1,659		19.47	3.12	5,310.88
11/16/2006 16:00					_	15	210	1,651		19.11	3.06	5,329.99
11/16/2006 20:00						15	212	1,660		19.02	3.04	5,349.02
11/17/2006 4:00						15	210	1,646		37.99	6.08	5,387.00
11/17/2006 8:00						15	211	1,632		18.79	3.01	5,405.79
11/17/2006 12:00						15	213	1,621		18.78	3.01	5,424.57
11/17/2006 16:00						15	212	1,638		18.86	3.02	5,443.43
11/17/2006 20:00						15	215	1,629		18.99	3.04	5,462.42
11/18/2006 4:00						15	210	1,624		37.65	6.03	5,500.07
11/18/2006 8:00						15	211	1,614		18.56	2.97	5,518.63
11/18/2006 12:00						15	214	1,620		18.71	3.00	5,537.34
11/18/2006 16:00						15	215	1,624		18.95	3.03	5,556.29
11/18/2006 20:00						15	213	1,616		18.88	3.02	5,575.17

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Ну (1	drocarbon Recc using Horiba Da	overy ata)
:	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/19/2006 4:00						15	213	1,607		37.39	5.98	5,612.56
11/19/2006 8:00					<u> </u>	15	210	1,610		18.53	2.97	5,631.08
11/19/2006 12:00						15	212	1,589		18.38	2.94	5,649.46
11/19/2006 16:00						15	214	1,607		18.54	2.97	5,668.00
11/19/2006 20:00						15	210	1,596		18. 4 9	2.96	5,686.49
11/20/2006 4:00						15	211	1,602		36.66	5.87	5,723.15
11/20/2006 8:00						15	215	1,587		18.50	2.96	5,741.65
11/20/2006 12:00						15	210	1,581		18.33	2.93	5,759.98
11/20/2006 16:00						15	213	1,576		18.18	2.91	5,778.16
11/20/2006 20:00						15	214	1,582		18.36	2.94	5,796.52
11/21/2006 4:00						15	211	1,579		36.58	5.86	5,833.10
11/21/2006 8:00						15	210	1,574		18.07	2.89	5,851.18
11/21/2006 12:00						15	211	1,566		18.00	2.88	5,869.17
11/21/2006 16:00						15	213	1,575		18.13	2.90	5,887.31
11/21/2006 20:00						15	209	1,572		18.08	2.89	5,905.39
11/22/2006 4:00						15	210	1,577		35.93	5.75	5,941.31
11/22/2006 8:00						15	215	1,563		18.17	2.91	5,959.48
11/22/2006 12:00						15	212	1,560		18.16	2.91	5,977.64
11/22/2006 16:00						15	211	1,566		18.00	2.88	5,995.64
11/22/2006 20:00						15	214	1,561		18.09	2.90	6,013.74
11/23/2006 4:00						15	214	1,558		36.35	5.82	6,050.09
11/23/2006 8:00						15	213	1,554		18.09	2.90	6,068.18
11/23/2006 12:00						15	215	1,559		18.14	2.90	6,086.32
11/23/2006 16:00						15	214	1,562		18.23	2.92	6,104.55
11/23/2006 20:00						15	210	1,545		17.94	2.87	6,122.48

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hy	drocarbon Reco using Horiba Da	overy ita)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/24/2006 4:00						15	214	1,534		35.55	5.69	6,158.03
11/24/2006 8:00						15	211	1,541		17.79	2.85	6,175.83
11/24/2006 12:00						15	209	1,539		17.61	2.82	6,193.44
11/24/2006 16:00						15	209	1,535		17.49	2.80	6,210.93
11/24/2006 20:00						15	212	1,540		17.63	2.82	6,228.56
11/25/2006 4:00						15	211	1,531		35.37	5.66	6,263.93
11/25/2006 8:00						15	215	1,529		17.75	2.84	6,281.68
11/25/2006 12:00						15	210	1,524		17.67	2.83	6,299.34
11/25/2006 16:00						15	212	1,520		17.49	2.80	6,316.83
11/25/2006 20:00						15	213	1,517		17.57	2.81	6,334.41
11/26/2006 4:00						15	211	1,510		34.95	5.59	6,369.36
11/26/2006 8:00						15	213	1,492		17.33	2.77	6,386.69
11/26/2006 12:00						15	214	1,514		17.48	2.80	6,404.16
11/26/2006 16:00						15	211	1,518		17.54	2.81	6,421.71
11/26/2006 20:00						15	215	1,509		17.56	2.81	6,439.26
11/27/2006 4:00						15	213	1,495		35.01	5.60	6,474.27
11/27/2006 8:00						15	215	1,482		17.35	2.78	6,491.62
11/27/2006 12:00						15	212	1,486		17.25	2.76	6,508.87
11/27/2006 16:00						15	212	1,479		17.12	2.74	6,525.99
11/27/2006 20:00						15	214	1,472		17.12	2.74	6,543.11
11/28/2006 4:00						15	215	1,485		34.54	5.53	6,577.65
11/28/2006 8:00						15	214	1,474		17.28	2.77	6,594.93
11/28/2006 12:00						15	212	1,472		17.09	2.73	6,612.02
11/28/2006 16:00						15	213	1,473		17.04	2.73	6,629.06
11/28/2006 20:00					<u></u>	15	214	1,483		17.19	2.75	6,646.24

Table 1

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California	Linen,	Oakland,	CA
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	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hya (t	drocarbon Reco using Horiba Da	overy ata)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/29/2006 4:00		· · · · · · · · · · · · · · · · · · ·				15	213	1,486		34.52	5.53	6,680.77
11/29/2006 8:00						15	213	1,484		17.23	2.76	6,697.99
11/29/2006 12:00					 	15	211	1,485		17.14	2.74	6,715.13
11/29/2006 16:00						15	215	1,480		17.20	2.75	6,732.33
11/29/2006 20:00						15	214	1,477		17.27	2.76	6,749.60
11/30/2006 4:00						15	214	1,483		34.50	5.52	6,784.10
11/30/2006 8:00						15	215	1,479		17.30	2.77	6,801.40
11/30/2006 12:00						15	212	1,477		17.19	2.75	6,818.58
11/30/2006 16:00						15	213	1,469		17.05	2.73	6,835.63
11/30/2006 20:00						15	213	1,472		17.06	2.73	6,852.69
12/1/2006 4:00						15	212	1,471		34.06	5.45	6,886.75
12/1/2006 8:00						15	214	1,473		17.08	2.73	6,903.82
12/1/2006 12:00						15	213	1,470		17.11	2.74	6,920.93
12/1/2006 16:00						15	215	1,472		17.14	2.74	6,938.07
12/1/2006 20:00						15	210	1,469		17.02	2.72	6,955.09
12/2/2006 4:00						15	212	1,479		33.88	5.42	6,988.97
12/2/2006 8:00						15	216	1,475		17.21	2.76	7,006.18
12/2/2006 12:00						15	208	1,471		17.01	2.72	7,023.19
12/2/2006 16:00						15	214	1,469		16.89	2.70	7,040.08
12/2/2006 20:00						15	217	1,467		17.23	2.76	7,057.31
12/3/2006 4:00						15	221	1,483		35.18	5.63	7,092.49
12/3/2006 8:00						15	218	1,481		17.72	2.84	7,110.21
12/3/2006 12:00						15	220	1,479		17.65	2.83	7,127.86
12/3/2006 16:00						15	217	1, 4 76		17.58	2.81	7,145.44
12/3/2006 20:00						15	210	1,471		17.13	2.74	7,162.57

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger Depth)	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (t	frocarbon Reco using Horiba Da	ivery ita)
	Deptn)	Depth)	Deputy		Deputy				(ppinv)	(ius) a a	(gai)	
12/4/2006 4:00	'		_		1	15	219	1,477		34.44	5.51	7,197.01
12/4/2006 8:00	'		<u> </u>			15	217	1,475		17.52	2.80	7,214.53
12/4/2006 12:00	'	ļ	ļ			15	215	1,472		17.33	2.77	7,231.87
12/4/2006 16:00		L	<u> </u>			15	210	1,469		17.02	2.72	7,248.88
12/4/2006 20:00	!					15	212	1,456		16.81	2.69	7,265.69
12/5/2006 4:00	!					15	208	1,470		33.46	5.36	7,299.15
12/5/2006 8:00				_		15	216	1,467		16.95	2.71	7,316.11
12/5/2006 12:00						15	210	1,463		16.99	2.72	7,333.10
12/5/2006 16:00						15	219	1,460		17.07	2.73	7,350.18
12/5/2006 20:00						15	215	1,461		17.26	2.76	7,367.44
12/6/2006 4:00						15	212	1,475		34.14	5.46	7,401.57
12/6/2006 8:00						15	223	1,473		17.46	2.79	7,419.03
12/6/2006 12:00						15	219	1,473		17.73	2.84	7,436.76
12/6/2006 16:00						15	213	1,469		17.30	2.77	7,454.06
12/6/2006 20:00	<u> </u>					15	210	1,466		16.90	2.71	7,470.97
12/7/2006 4:00						15	220	1,476		34.45	5.51	7,505.42
12/7/2006 8:00	!					15	210	1,472		17.26	2.76	7,522.67
12/7/2006 12:00						15	216	1,469		17.06	2.73	7,539.73
12/7/2006 16:00						15	220	1,469		17.44	2.79	7,557.17
12/7/2006 20:00						15	214	1,465		17.34	2.77	7,574.51
12/8/2006 4:00						15	219	1,474		34.65	5.55	7,609.16
12/8/2006 8:00						15	213	1,471		17.32	2.77	7,626.48
12/8/2006 12:00						15	217	1,468		17.21	2.75	7,643.69
12/8/2006 16:00						15	220	1,465		17.45	2.79	7,661.14
12/8/2006 20:00						15	212	1,463		17.22	2.76	7,678.36

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Ну	drocarbon Reco using Horiba Da	ivery ita)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
12/9/2006 4:00						15	225	1,475		34.96	5.60	7,713.32
12/9/2006 8:00						15	221	1,473		17.90	2.87	7,731.22
12/9/2006 12:00						15	226	1,471		17.92	2.87	7,749.14
12/9/2006 16:00						15	220	1,469		17.85	2.86	7,766.99
12/9/2006 20:00						15	219	1,466		17.54	2.81	7,784.54
12/10/2006 4:00						15	212	1,477		34.54	5.53	7,819.07
12/10/2006 8:00					·····	15	210	1,475		16.96	2.71	7,836.04
12/10/2006 12:00						15	216	1,472		17.09	2.74	7,853.13
12/10/2006 16:00						15	214	1,467		17.21	2.75	7,870.33
12/10/2006 20:00						15	217	1,464		17.20	2.75	7,887.53
12/11/2006 4:00						15	220	1,474		34.96	5.60	7,922.49
12/11/2006 8:00						15	225	1,473		17.85	2.86	7,940.35
12/11/2006 12:00						15	222	1,470	3	17.91	2.87	7,958.26
12/11/2006 16:00						15	215	1,468		17.48	2.80	7,975.74
12/11/2006 20:00						15	210	1,463		16.96	2.71	7,992.70
12/12/2006 4:00						15	219	1,468		34.24	5.48	8,026.94
12/12/2006 8:00						15	225	1,464		17.72	2.84	8,044.66
12/12/2006 12:00						15	217	1,459		17.59	2.82	8,062.25
12/12/2006 16:00						15	210	1,456		16.95	2.71	8,079.20
12/12/2006 20:00						15	210	1,450		16.62	2.66	8,095.82
12/13/2006 4:00						15	230	1,452		34.77	5.57	8,130.59
12/13/2006 8:00						15	225	1,449		17.97	2.88	8,148.56
12/13/2006 12:00				ļ		15	223	1,444		17.65	2.82	8,166.20
12/13/2006 16:00						15	220	1,440		17.39	2.78	8,183.60
12/13/2006 20:00						15	210	1,434		16.83	2.69	8,200.42

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				an a
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hya (t	drocarbon Reco using Horiba Da	ivery ita)
	Depth)	Depth)	Depth)	Depth)	Depth)	(In of Hg)	(scim)	(ppmv)	(ppmv) *		(gai)	(Cumul. lbs)
12/14/2006 4:00						15	219	1,436		33.53	5.37	8,233.95
12/14/2006 8:00						15	217	1,431		17.02	2.72	8,250.97
12/14/2006 12:00						15	215	1,427		16.81	2.69	8,267.78
12/14/2006 16:00						15	220	1,425		16.89	2.70	8,284.67
12/14/2006 20:00						15	210	1,419		16.65	2.67	8,301.32
12/15/2006 4:00						15	220	1,421		33.25	5.32	8,334.57
12/15/2006 8:00						15	215	1,416		16.80	2.69	8,351.38
12/15/2006 12:00						15	225	1,405		16.90	2.70	8,368.28
12/15/2006 16:00						15	219	1,397		16.94	2.71	8,385.21
12/15/2006 20:00						15	219	1,391		16.63	2.66	8,401.84
12/16/2006 4:00						15	221	1,399		33.43	5.35	8,435.27
12/16/2006 8:00						15	220	1,397		16.79	2.69	8,452.05
12/16/2006 12:00						15	217	1,390		16.58	2.65	8,468.64
12/16/2006 16:00						15	219	1,385		16.47	2.64	8,485.11
12/16/2006 20:00						15	215	1,382		16.35	2.62	8,501.46
12/17/2006 4:00						15	210	1,384		32.01	5.12	8,533.47
12/17/2006 8:00						15	212	1,380		15.88	2.54	8,549.35
12/17/2006 12:00						15	217	1,378		16.11	2.58	8,565.46
12/17/2006 16:00						15	220	1,373		16.37	2.62	8,581.83
12/17/2006 20:00						15	215	1,365		16.22	2.60	8,598.04
12/18/2006 4:00						15	210	1,368		31.63	5.06	8,629.67
12/18/2006 8:00						15	205	1,365		15.44	2.47	8,645.11
12/18/2006 12:00						15	200	1,359		15.02	2.40	8,660.13
12/18/2006 16:00						15	220	1,345		15.46	2.47	8,675.60
12/18/2006 20:00					<u> </u>	15	215	1,339		15.90	2.54	8,691.49

Table 1

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS	; ;			
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyr (drocarbon Recr using Horiba Dr	overy ata)
	Depth)	Deptn)	Deptn)	Deptn)		(in or rig)	(SCITTI)	(ppmv)	(ppmv)	(Ibs)	(gal)	(Cumul. lbs)
12/19/2006 4:00	 '					15	220	1,341	'	31.74	5.08	8,723.24
12/19/2006 8:00	 '					15	210	1,336	'	15.67	2.51	8,738.91
12/19/2006 12:00	 '					15	215	1,330	/	15.43	2.47	8,754.34
12/19/2006 16:00	'		_			15	225	1,326	<u> </u>	15.91	2.55	8,770.25
12/19/2006 20:00	<u> </u>					15	209	1,322	<u> </u>	15.65	2.50	8,785.89
12/20/2006 4:00	<u> </u>					15	200	1,319	/ ///	29.41	4.71	8,815.31
12/20/2006 8:00	<u> </u>					15	220	1,313	/	15.05	2.41	8,830.36
12/20/2006 12:00	'					15	225	1,302	/	15.84	2.54	8,846.20
12/20/2006 16:00	<u> </u>					15	210	1,297	/	15.39	2.46	8,861.59
12/20/2006 20:00	「 <u> </u>					15	215	1,294	/	14.99	2.40	8,876.59
12/21/2006 4:00	·′					15	205	1,288	<u> </u>	29.53	4.73	8,906.11
12/21/2006 8:00						15	205	1,279	!	14.33	2.29	8,920.44
12/21/2006 12:00				r		15	210	1,274	<u> </u>	14.43	2.31	8,934.87
12/21/2006 18:00	<u> </u>					15	200	1,270	<u> </u>	0.00	0.00	8,934.87
12/21/2006 20:00						15	215	1,269	<u> </u>	7.17	1.15	8,942.04
12/22/2006 4:00						15	210	1,269	<u> </u>	29.37	4.70	8,971.41
12/22/2006 8:00						15	205	1,260	<u> </u>	14.29	2.29	8,985.70
12/22/2006 12:00						15	200	1,256	<u>'</u>	13.87	2.22	8,999.58
12/22/2006 16:00						15	220	1,247	/	14.31	2.29	9,013.89
12/22/2006 20:00						15	215	1,243	<u> </u> /	14.75	2.36	9,028.64
12/23/2006 4:00						15	230	1,245		30.15	4.83	9,058.78
12/23/2006 8:00						15	215	1,239		15.05	2.41	9.073.83
12/23/2006 12:00						15	225	1,233	<u> </u>	14.81	2.37	9.088.64
12/23/2006 16:00						15	210	1,227	/	14.57	2.33	9.103.21
12/23/2006 20:00			1			15	220	1,218		14.31	2.29	9,117.53

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Denth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Denth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Ho)	Total System Inlet Flow (scfm)	Influent Concentrations*	Effluent Concentrations	Hyc (t	drocarbon Reco using Horiba Da T (api)	overy ata)
40/24/2006 4:00	Depuij			L'epuil	Depuij	45	210	1 209	(ppinv)		(gai)	(Cumul. Ibs)
12/24/2006 4:00	 '			<u> </u>		15	210	1,208		28.41	4.55	9,145.93
12/24/2006 8:00	'	<u> </u>	1	<u> </u>		15	200	1,201		13.45	2.15	9,159.38
12/24/2006 12:00	 '		-	<u> </u>		15	220	1,193		13.69	2.19	9,173.07
12/24/2006 16:00	 '		1	<u> </u> '	<u> </u> '	15	225	1,189		14.43	2.31	9,187.50
12/24/2006 20:00	'			 '	 '	15	215	1,180		14.19	2.27	9,201.69
12/25/2006 4:00	<u> </u>	·	·	<u> </u>	<u> </u>	15	215	1,182		27.66	4.43	9,229.35
12/25/2006 8:00	 '			<u> '</u>	 '	15	230	1,177		14.29	2.29	9,243.64
12/25/2006 12:00	<u> </u> '			 '	· · · · · · · · · · · · · · · · · · ·	15	220	1,169		14.37	2.30	9,258.02
12/25/2006 16:00	'			ļ'	ļ'	15	210	1,151		13.58	2.17	9,271.60
12/25/2006 20:00	· · · · · · · · · · · · · · · · · · ·			<u> </u>	ļ'	15	200	1,148		12.83	2.05	9,284.43
12/26/2006 4:00	<u> </u>			<u> </u>		15	205	1,145		25.29	4.05	9,309.72
12/26/2006 8:00	<u> </u>			ļ!		15	210	1,139		12.91	2.07	9,322.62
12/26/2006 12:00	!					15	240	1,132		13.91	2.23	9.336.54
12/26/2006 16:00					[]	15	215	1,127		13.99	2.24	9.350.53
12/26/2006 20:00						15	230	1,119		13.61	2.18	9.364.14
12/27/2006 4:00	· · · · · · · · · · · · · · · · · · ·					15	215	1,122		27.15	4.35	9.391.29
12/27/2006 8:00				1		15	200	1,117		12.65	2.02	9 403 94
12/27/2006 12:00	, ,					15	220	1,112		12.75	2.04	9 416 69
12/27/2006 16:00	, ,					15	205	1,105		12.83	2 05	9 429 52
12/27/2006 20:00	ļ					15	210	1,099		12.45	1 99	9 441 97
12/28/2006 4:00			ł	1		15	220	1.095		25.69	4 11	9 467 66
12/28/2006 8:00						15	205	1 087	[]	12.63	2 02	0.480.20
12/28/2006 12:00						15	230	1 081		12.00	2.02	9,400.29
12/28/2006 16:00	'					15	215	1,001		12.04	2.00	9,493.13
12/28/2006 20:00				·	<u> </u>	15	210	1,003		10.00	2.09	9,506.15
12/28/2006 20:00	/'	1				15	210	1,000		12.34	1.97	9,518.49

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Ηyc (ι	frocarbon Reco using Horiba Da	overy ata)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg) ((sctm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
12/29/2006 4:00	ļ!		ļ		· · · · · · · · · · · · · · · · · · ·	15	210	1,061	ļ	24.29	3.89	9,542.78
12/29/2006 8:00	<u> </u>		 		ļ	15	225	1,058	ļ	12.55	2.01	9,555.33
12/29/2006 12:00		ļ'	 		'	15	220	1,053	L	12.79	2.05	9,568.12
12/29/2006 16:00		ļ			ļ!	15	215	1,047	ļ	12.44	1.99	9,580.56
12/29/2006 20:00	!	ļ'	ļ'		ļ	15	230	1,039	ļ	12.64	2.02	9,593.20
12/30/2006 4:00		ļ	·		ļ!	15	210	1,036	L	24.86	3.98	9,618.06
12/30/2006 8:00		· · · · · · · · · · · · · · · · · · ·	·		ļ!	15	225	1,029	L	12.23	1.96	9,630.29
12/30/2006 12:00	!			'		15	220	1,020	ļ	12.41	1.99	9,642.70
12/30/2006 16:00					ļ	15	230	1,014	L	12.46	1.99	9,655.16
12/30/2006 20:00						15	215	1,006	ļ	12.24	1.96	9,667.40
12/31/2006 4:00						15	225	1,002		24.06	3.85	9,691.46
12/31/2006 8:00	ļ!					15	210	995	ļ	11.83	1.89	9,703.29
12/31/2006 12:00	I		<u> </u>			15	220	987	L	11.60	1.86	9,714.89
12/31/2006 16:00						15	215	980		11.65	1.86	9,726.54
12/31/2006 20:00	l					15	200	977		11.06	1.77	9,737.60
1/1/2007 4:00						15	230	974		22.84	3.66	9,760.44
1/1/2007 8:00						15	210	970		11.65	1.86	9,772.09
1/1/2007 12:00						15	215	967		11.21	1.79	9,783.30
1/1/2007 16:00						15	200	962		10.90	1.74	9,794.20
1/1/2007 20:00	<u> </u>					15	220	959		10.98	1.76	9,805.18
1/2/2007 4:00	I					15	205	957	L	22.17	3.55	9,827.35
1/2/2007 8:00	!					15	220	951		11.04	1.77	9,838.39
1/2/2007 12:00	<u> </u>					15	210	948		11.12	1.78	9,849.51
1/2/2007 16:00						15	215	943		10.94	1.75	9,860.45
1/2/2007 20:00						15	225	939		11.27	1.80	9,871.73

CalClean Inc.

Table 1

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS		inter de la companya de la comp		
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyo (L	drocarbon Reco using Horiba Da	wery ita)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
1/3/2007 4:00						15	230	936		23.23	3.72	9,894.96
1/3/2007 8:00						15	210	933		11.20	1.79	9,906.16
1/3/2007 12:00						15	200	929		10.39	1.66	9,916.55
1/3/2007 16:00						15	220	926		10.61	1.70	9,927.16
1/3/2007 20:00						15	215	920		10.93	1.75	9,938.09
1/4/2007 4:00						15	200	918		20.77	3.32	9,958.86
1/4/2007 8:00						15	230	916		10.74	1.72	9,969.60
1/4/2007 12:00						15	210	912		10.95	1.75	9,980.55
1/4/2007 16:00						15	215	909		10.54	1.69	9,991.08
1/4/2007 20:00						15	220	901		10.72	1.72	10,001.80
1/5/2007 4:00						15	200	899		20.59	3.30	10,022.39
1/5/2007 8:00						15	220	894		10.25	1.64	10,032.64
1/5/2007 12:00						15	230	890		10.93	1.75	10,043.57
1/5/2007 16:00						15	210	887		10.65	1.70	10,054.22
1/5/2007 20:00						15	225	880		10.47	1.68	10,064.68
1/6/2007 4:00						15	230	879		21.79	3.49	10,086.48
1/6/2007 8:00						15	210	873		10.50	1.68	10,096.97
1/6/2007 12:00						15	225	870		10.32	1.65	10,107.30
1/6/2007 16:00						15	215	867		10.41	1.67	10,117.70
1/6/2007 20:00						15	205	865		9.90	1.59	10,127.61
1/7/2007 4:00						15	200	863		19.06	3.05	10,146.66
1/7/2007 8:00						15	220	860		9.85	1.58	10,156.51
1/7/2007 12:00					L	15	210	857		10.05	1.61	10,166.57
1/7/2007 16:00						15	230	851		10.23	1.64	10,176.80
1/7/2007 20:00						15	215	847		10.29	1.65	10,187.09

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS			Hydrocarbon Recovery (using Horiba Data) (Ibs) (gal) (Cumu 19.81 3.17 10,20 10.21 1.64 10,21 10.05 1.61 10,22 9.77 1.56 10,236 9.48 1.52 10,246 18.41 2.95 10,264 9.17 1.47 10,273				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hya (t	drocarbon Reco Ising Horiba Da (gal)	overy ita) (Cumul. lbs)			
1/8/2007 4:00						15	215	845		19.81	3.17	10,206.90			
1/8/2007 8:00						15	230	841		10.21	1.64	10,217.11			
1/8/2007 12:00						15	210	837		10.05	1.61	10,227.17			
1/8/2007 16:00						15	220	831		9.77	1.56	10,236.93			
1/8/2007 20:00						15	200	826		9.48	1.52	10,246.41			
1/9/2007 4:00						15	210	823		18.41	2.95	10,264.82			
1/9/2007 8:00						15	200	819		9.17	1.47	10,273.98			
1/9/2007 12:00						15	215	814	2	9.23	1.48	10,283.21			
1/9/2007 16:00						15	230	811		9.85	1.58	10,293.05			
								TOTAL HC RECOV	ERED	10,293.05	1,647.55				
							_	TOTAL GROUNDWA	TER EXTRACTED	-	47,180				

Comments: Manual dilution was not opened during the event.

in of Hg = inches of mercury

scfm = standard cubic feet per minute

gal = gallons

lbs = pounds

* Concentrations based on Horiba MEXA 324-JU field organic vapor analyzer, calibrated as hexane

** Inlet flow measured through orifice tube and converted from acfm to reported scfm









CalClean Inc.

ATTACHMENT 1

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LABORATORY REPORTS

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 181622
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/19/2006
	#142			
	Tustin, CA 92780		RECEIVED	12/14/2006
PROJECT	California Linen			
SUBMIT	TER Client		,	
COMME	NTS			

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 763785 Client Sample Identification

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES

Edward S. Behare, Ph.D Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 181622 cover, page 1 of 1

rder #: 763785 atrix: AIR ate Sampled: 12/14/2006 me Sampled: 08:00 mpled By:	Client: Calclean Client Sample ID: Combin	ed					
Analyte		Result	DF	DLR	Units	Date/An	alyst
21B BTEX/MTBE in Air - (V	ppm & ug/L)						
Benzene		1.2	3	0.025	Vppm	12/16/06	LT
Ethyl benzene		1.2	3	0.025	Vppm	12/16/06	LT
Methyl t - butyl ether		3.9	3	0.25	Vppm	12/16/06	LT
Toluene		2.1	3	0.025	Vppm	12/16/06	LT
Xylene (total)		3.0	3	0.075	Vppm	12/16/06	LT
15B - Gasoline in Air - (Vppr	n & ug/L)			١			
Gasoline		297	3	12.5	Vppm	12/16/06	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Analytical Results Report
ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	1815257-341
Matrix:	AIR
Prep. Date :	December 15, 2006
Analysis Date:	12/15/06-12/16/06
Lab ID#'s in Batch:	181527, 181622, 181631

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	8,386.61	7,964.29	5
Benzene	8021B	27.58	23.49	16
Toluene	8021B	5.94	5.60	6
Ethylbenzene	8021B	35.43	31.52	12
Xylenes	8021B	34.79	30.47	13

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209 181622



Chain of Custody Record

alClean	Inc.

Company 3002 Dow, #142 Tustin, CA 92780	- <u></u>		Phone	(714)7	73/ 01	37	1								1 (11620	
Project Manager NOFL SHEN(EL SHENOI Fax (714) 734-9138					Analysis Requested Test Instruction						Page	of				
Project Name	LINEN		Project #	(, .													Jiiiiieiita
Site Name	- A						015	(80)			·						
Address	<u></u>						8)	TBE	ĺ								
Sample ID Lab ID	Dete			Conta	iner		С-Н	M/X									
	Date	IIme	Matrix	Number	/Size	Pres.	ЦЦ	BTI									
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Sample Receipt - To	Be Filled By La	boratory	/	1	Relinquis	hed by	L	1.	l	Relin	quished	l by	4		2.	Relinquished by	3.
Total Number of Containers	Property Cooled	Y/N/NA			Signature:	rbell	he	no		Signa	iture:	· · ·			·	Signature:	
Custody Seals Y / N / NA	Samples Intact	Y / N / NA			Printed Na	ame:				Printe	d Name):	<u>.</u> ,			Printed Name:	
Received in Good Condition Y/N	Samples Accept	ed Y/N	······		Date:	114105	Time:	~		Pate:	1		Time			Date: Time	:
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X Normal C Rush	Li Same D 24 hrs.	Day		hrs. hrs.	Printed Na	ame:	ر (`	Printe	d Name					Printed Name:	
	i i	· ·			Date:	14/06	Time:	ちみ	\	Date:	,		Time	:		Date: Time	

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUEST 1820		
	ATTN: Noel Shenoi				
	3002 Dow Ave.		REPORTED	12/27/2006	
	#142				
	Tustin, CA 92780		RECEIVED	12/22/2006	
PROJECT	Г California Linen				
SUBMIT	TER Client		x		

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 765516 Client Sample Identification

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by, vartis Behare/Ph.D. ice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 182034 cover, page 1 of 1

Order #:	765516					
Matrix: AI	R					
Date Samp	led: 12/21/2006					
Time Samp	oled: 12:05					
Sampled By:						

Client: Calclean Client Sample ID: Combined

Analyte

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.71	5	0.05	Vppm	12/22/06	LT
Ethyl benzene	0.72	5	0.05	Vppm	12/22/06	LT
Methyl t - butyl ether	2.2	5	0.5	Vppm	12/22/06	LT
Toluene	2.9	5	0.05	Vppm	12/22/06	LT
Xylene (total)	2.1	5	0.15	Vppm	12/22/06	LT

8015B - Gasoline in Air - (Vppm & ug/L)

		 	 	· · · · · · · · · · · · · · · · · · ·					
Gasoline			 1	211	5	25.0	Vppm	12/22/06	LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 181989-353

Matrix: AIR

Prep. Date : December 22, 2006

Analysis Date: December 22, 2006

Lab ID#'s in Batch: LR 181989, 181990, 181988, 182034, 182038, 182040, 182042, 182045, 182047.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	1,025.30	934.26	9
Benzene	8021B	6.17	5.40	13
Toluene	8021B	19.29	17.42	10
Ethylbenzene	8021B	4.54	···· 4.11	10
Xylenes	8021B	39.31	35.73	10

ND = "U" - Not Detected

RPD = *Relative Percent Difference of Sample Result and Sample Duplicate*

RPD LIMITS = 20%

•

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209

Chain of Custody Record

3002 Dow, #142

Project Manager NOEL OLIENOL Fax (74.4) 70.4 0.400	
NOEL SHENOI (714) 734-9138 Analysis Requested Test Instructio	s & Comments
Project Name CALIFORNIA LINEN Project #	· · ·
Site Name and $0AKLAND CA$	
Sample ID Lab ID Date Time Matrix Container Number/Size Pres.	
1 COMBINED 12/21/06 1205 AIR TEDLAR NONE X X	
2	
5	
9	
	V
Sample Receipt - To Be Filled By Laboratory Sempler: Desnur to th Relinquished by 2. Relinquished by	3.
Total Number of Containers Property Cooled Y / N / NA Signature: Signature: Signature: Signature:	
Custody Seals Y / N / NA Printed Name: Print	
Received in Good Condition Y / N Samples Accepted (Y / N Date: 12/224 06 Time: Date: Time: Date:	Time:
Turn Around Time Received By: 1. Received By: 2. Received By:	3.
Signature: Signature: Signature:	
Normal Q Rush Q Same Day Q 48 hrs. Printed Name/ Printed Name: Printed N	
Date: $12/22/\sqrt{5}$ Date: Time: Date: Date:	Time:

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 182175
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	12/29/2006
	#142			
	Tustin, CA 92780		RECEIVED	12/27/2006
PROJECT	Г California Linen, Oakland, CA			
SUBMIT	TER Client			

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 766107 **Client Sample Identification**

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

TATED LABORATORIES by, Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 182175 cover, page 1 of 1

Analyte	Result	DF	DLR	Units	Date/Analyst
---------	--------	----	-----	-------	--------------

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene		0.69	3	0.025	Vppm	12/27/06	LZ
Ethyl benzene	1	0.89	3	0.025	Vppm	12/27/06	LZ
Methyl t - butyl ether		2.4	3	0.25	Vppm	12/27/06	LZ
Toluene		1.8	3	0.025	Vppm	12/27/06	LZ
Xylene (total)	1	1.5	3	0.075	Vppm	12/27/06	LZ
		· · · · · · · · · · · · · · · · · · ·					

8015B - Gasoline in Air - (Vppm & ug/L)

	· · · · · · · · · · · · · · · · · · ·						
Gasoline		240	3	12.5	Vppm	12/27/06	LZ

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 182132-941

Matrix: AIR

Prep. Date : December 27, 2006

Analysis Date: December 27, 2006

Lab ID#'s in Batch: LR182175, 182155, 182153, 182053

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	682.22	657.20	3.7
Benzene	8021B	6.68	6.53	2.3
Toluene	8021B	23.80	20.04	17.2
Ethylbenzene	8021B	6.28	6.07	3.4
Xylenes	8021B	23.93	22.90	4.4

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209



Chain of Custody Record

CalClean Inc.	
3002 Dow #142	

Company	3002 Dow, #142 Tustin, CA 92780	<u> </u>		Phone	(714)	734-91	137	A.L.	Job No) .					8	R	75	-) Page I	of
Project Manager	NOEL SHE	NOI		Fax	(714)	734-9	138			A	naly	sis F	lequ	estec	t	÷,	Τ	Test Instructions & Co	mments
Project Name CA	LIFORNIA	LINEN	***	Project				2	12	. 1							-	<u></u>	· · · ·
Site Name and 0 Address	AKLAND	CA				·····		(801	TBE (8(
Sample ID	Lab ID	Date	Time	Matrix	Conta Númbe	ainer er/Size	·Pres.	TPH-G	BTEX/M								-		
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 182873
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	01/22/2007
	#142			
	Tustin, CA 92780		RECEIVED	01/11/2007
PROJECT	F California Linen			
SUBMIT	TER Client		1	

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
769202	Combined
769203	E-2
769204	E-1
769205	E-3
769206	E-6
769207	I-1
769208	Stack

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATOR S. Behare, Ph.D. ward Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 182873 cover, page 1 of 1

Order #: 769202	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 01/09/2007		
Time Sampled: 12:01		

Analyte

Sampled By:

Result DF

Date/Analyst DLR Units

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	1.6	5	0.05	Vppm	01/12/07	LT
Ethyl benzene	1.4	5	0.05	Vppm	01/12/07	LT
Methyl t - butyl ether	4.1	5	0.5	Vppm	01/12/07	LT
Toluene	7.7	5	0.05	Vppm	01/12/07	LT
Xylene (total)	6.1	5	0.15	Vppm	01/12/07	LT
Benzene	4.9	5	0.15	ug/L	01/12/07	LT
Ethyl benzene	6.1	5	0.2	ug/L	01/12/07	LT
Methyl t - butyl ether	15	5	1.8	ug/L	01/12/07	LT
Toluene	29	5	0.2	ug/L	01/12/07	LT
Xylene (total)	26	5	0.65	ug/L	01/12/07	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	373	5	25.0	Vppm	01/12/07	LT
Gasoline	1520	5	110.5	ug/L	01/12/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Analyte

Sampled By:

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	ND	1	0.01	Vppm	01/12/07	LT
Ethyl benzene	0.31	1	0.01	Vppm	01/12/07	LT
Methyl t - butyl ether	ND	1	0.10	Vppm	01/12/07	LT
Toluene	0.29	1	0.01	Vppm	01/12/07	LT
Xylene (total)	2.0	1	0.03	Vppm	01/12/07	LT
Benzene	ND	1	0.03	ug/L	01/12/07	LT
Ethyl benzene	1.3	1	0.04	ug/L	01/12/07	LT
Methyl t - butyl ether	ND	1	0.36	ug/L	01/12/07	LT
Toluene	1.1	1	0.04	ug/L	01/12/07	LT
Xylene (total)	8.8	1	0.13	ug/L	01/12/07	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline		861	1	5.0	Vnnm	01/12/07	LT
Gasoline	<u> </u>	350	- 1	22.1	ug/L	01/12/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

769204Client: CalcleanClient Sample ID: E-1

Order #: 769204 Matrix: AIR Date Sampled: 01/09/2007 Time Sampled: 12:10 Sampled By:

Analyte

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	1.7	3	0.025	Vppm	01/12/07	LT	
Ethyl benzene	1.6	3	0.025	Vppm	01/12/07	LT	
Methyl t - butyl ether	1.9	3	0.25	Vppm	01/12/07	LT	
Toluene	8.9	3	0.025	Vppm	01/12/07	LT	
Xylene (total)	6.6	3	0.075	Vppm	01/12/07	LT	
Benzene	5.3	3	0.075	ug/L	01/12/07	LT	
Ethyl benzene	6.7	3	0.1	ug/L	01/12/07	LT	
Methyl t - butyl ether	6.8	3	0.9	ug/L	01/12/07	LT	
Toluene	33	3	0.1	ug/L	01/12/07	LT	
Xylene (total)	29	3	0.325	ug/L	01/12/07	LT	

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	409	3	12.5	Vppm	01/12/07	LT
Gasoline	1670	3	55.25	ug/L	01/12/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Calclean Client Sample ID: E-3

Order #: 769205 Matrix: AIR Date Sampled: 01/09/2007 Time Sampled: 12:15 Sampled By:

Analyte

Result DF DLR Unit

Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	1.4	5	0.05	Vppm	01/12/07	LT
Ethyl benzene	1.3	5	0.05	Vppm	01/12/07	LT
Methyl t - butyl ether	3.5	5	0.5	Vppm	01/12/07	LT
Toluene	6.7	5	0.05	Vppm	01/12/07	LT
Xylene (total)	5.4	5	0.15	Vppm	01/12/07	LT
Benzene	4.3	5	0.15	ug/L	01/12/07	LT
Ethyl benzene	5.6	5	0.2	ug/L	01/12/07	LT
Methyl t - butyl ether	12	5	1.8	ug/L	01/12/07	LT
Toluene	25	5	0.2	ug/L	01/12/07	LT
Xylene (total)	23	5	0.65	ug/L	01/12/07	LT
			And a second			

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	323	5	25.0	Vppm	01/12/07	LT
Gasoline	1320	5	110.5	ug/L	01/12/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 769206	Client: Calclean
Matrix: AIR	Client Sample ID: E-6
Date Sampled: 01/09/2007	
Time Sampled: 12:20	
Sampled By:	

Analyte

Result DF DLR

DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	1.2	3	0.025	Vppm	01/12/07	LT	
Ethyl benzene	1.3	3	0.025	Vppm	01/12/07	LT	
Methyl t - butyl ether	2.2	. 3	0.25	Vppm	01/12/07	LT	
Toluene	7.2	3	0.025	Vppm	01/12/07	LT	
Xylene (total)	5.0	3	0.075	Vppm	01/12/07	LT	
Benzene	3.8	3	0.075	ug/L	01/12/07	LT	
Ethyl benzene	5.8	3	0.1	ug/L	01/12/07	LT	
Methyl t - butyl ether	7.7	3	0.9	ug/L	01/12/07	LT	
Toluene	27	3	0.1	ug/L	01/12/07	LT	
Xylene (total)	22	3	0.325	ug/L	01/12/07	LT	
	The second se						

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	309	3	12.5	Vppm	01/12/07	LT
Gasoline	1260	3	55.25	ug/L	01/12/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Client: Calclean

Client Sample ID: Jur nw-1

Order #: 769207 Matrix: AIR Date Sampled: 01/09/2007 Time Sampled: 12:25 Sampled By:

Analyte

Result	DF	DLR	Units	Date/Analyst
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8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.15	3	0.025	Vppm	01/12/07	LT	
Ethyl benzene	0.2	3	0.025	Vppm	01/12/07	LT	
Methyl t - butyl ether	0.20	3	0.25	Vppm	01/12/07	LT	
Toluene	0.40	3	0.025	Vppm	01/12/07	LT	
Xylene (total)	0.72	3	0.075	Vppm	01/12/07	LT	
Benzene	0.48	3	0.075	ug/L	01/12/07	LT	
Ethyl benzene	0.87	3	0.1	ug/L	01/12/07	LT	
Methyl t - butyl ether	0.72	3	0.9	ug/L	01/12/07	LT	
Toluene	1.5	3	0.1	ug/L	01/12/07	LT	
Xylene (total)	3.1	3	0.325	ug/L	01/12/07	LT	
		THE REAL PROPERTY AND		CONTRACTOR OF A DESCRIPTION OF A DESCRIP	TALE A REPORT OF A DESCRIPTION OF A DESC	THE REPORT OF THE PARTY AND THE PARTY	47 N T + 44

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	95	3	12.5	Vppm	01/12/07	LT
Gasoline	388	3	55.25	ug/L	01/12/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client Sample ID: Stack

Order #: [769208 Matrix: AIR **Date Sampled:** 01/09/2007 Time Sampled: 12:40 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
					•

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	ND	1	0.01	Vppm	01/12/07	LT	
Ethyl benzene	ND	1	0.01	Vppm	01/12/07	LT	
Methyl t - butyl ether	ND	1	0.10	Vppm	01/12/07	LT	
Toluene	ND	1	0.01	Vppm	01/12/07	LT	
Xylene (total)	0.17	1	0.03	Vppm	01/12/07	LT	
Benzene	ND	1	0.03	ug/L	01/12/07	LT	
Ethyl benzene	ND	1	0.04	ug/L	01/12/07	LT	
Methyl t - butyl ether	ND	1	0.36	ug/L	01/12/07	LT	
Toluene	. ND	1	0.04	ug/L	01/12/07	LT	
Xylene (total)	0.74	1	0.13	ug/L	01/12/07	LT	
A CONTRACTOR OF A CONTRACTOR O							

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	ND	1	5.0	Vppm	01/12/07	LT
Gasoline	ND	1	22.1	ug/L	01/12/07	LT
	4 construction and an and a second of the second s second second sec					

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 182873-202

Matrix: AIR

Prep. Date : January 12, 2007

Analysis Date: January 12, 2007

Lab ID#'s in Batch: 182873, 182913, 182952.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

· · · · · · · · · · · · · · · · · · ·		Sample	Sample	-
Test	Method	Result	Duplicate	%RPD
Gas	8015M	372.59	362.89	3
Benzene	8021B	1.55	1.50	3
Toluene	8021B	7.65	7.75	1
Ethylbenzene	8021B	1.40	1.50	7
Xylenes	8021B	6.10	6.25	2

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900

Fax: (714) 538-1209

Chain of Custody Record

Со	mpany	3002 Dow, # Tustin, CA 92	142 2780				Phone	(714)	734-9	137		.iob No	,					822	8 73) Page	1 of	ı
Pro	ject Manager	NOEL SI	HENC)			Fax	(714)	734-9	138				nalysis	Requ	iestec	1	; <u>,</u>	Test Inst	ructions	& Com	ments
Pro	ject Name	FORNI	A -	LIN	EN		Project #	, ,			6	12	T		T							
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2	Sample ID	Lab ID		Da	te	Time	Matrix	Conta Númbe	ainer er/Size	Pres.	TPH-G	BTEX/M ⁻								•		
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4	E-2	u +				1205					X	X										
	E-1					1210					X	X										
	E-3					1215					X	X								······		
	E-6					1220					λ	X			1							
2	<u> </u>					1225					X	X			1		-					
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		, 		· · ·	- A7 III 0.		/Z		Date:	11/07	Time:	: 38	-7	Date:			Time:		Date:		Time:	

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 182878
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	01/17/2007
	#142			
	Tustin, CA 92780		RECEIVED	01/11/2007
PROJEC	T California Linen			
SUBMIT	TER Client			

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	Client Sample Identification
769220	Effluent
769221	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by, dward S. Behare, Ph.D.

Wice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 182878 cover, page 1 of 1

Client: Calclean

Client Sample ID: Effluent

Order #: 769220 Matrix: WATER Date Sampled: 01/09/2007 Time Sampled: 12:30 Sampled By:

Analyte		Result	DF	DLR	Units	Date/An	alyst
1664 Oil and Grease							
Total Oil and Grease		ND	1	5	mg/L	01/15/07	HK.
8021B BTEX + MTBE							
Benzene	·	ND	1	0.3	ug/L	01/12/07	LD
Ethyl benzene		ND	1	0.3	ug/L	01/12/07	LD
Methyl t - butyl ether		ND	• 1•••	, 5	ug/L	01/12/07	LD
Toluene		ND	1	0.3	ug/L	01/12/07	LD
Xylene (total)		ND	1	0.6	ug/L	01/12/07	LD
Surrogates					Units	Control	Limits
a,a,a-Trifluorotoluene		85			%	70 - 130	
<u> 8015B - Gasoline</u>							
Gasoline		ND	1	50	ug/L	01/12/07	LD
Surrogates					Units	Control	Limits

a,a,a-Trifluorotoluene

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



%

55 - 200

ASSOCIATED LABORATORIES

Analytical Results Report

85

Order #: 769221 Matrix: WATER Date Sampled: Time Sampled:	Client: Calclean Client Sample ID: Laboratory M	lethod Blank				
Sampled By:						
Analyte		Result	DF	DLR	Units	Date/Analyst
1664 Oil and Grease						
Total Oil and Grease		ND	1	5	mg/L	01/15/07 HK
<u>8021B BTEX + MTBE</u>						
Benzene		ND	1	0.3	ug/L	01/12/07 LD
Ethyl benzene		ND	1	0.3	ug/L	01/12/07 LD
Methyl t - butyl ether		ND	1	, 5	ug/L	01/12/07 LD
Toluene		ND	1	0.3	ug/L	01/12/07 LD
Xylene (total)		ND	1	0.6	ug/L	01/12/07 LD
Surrogates					Units	Control Limits
a,a,a-Trifluorotoluene		85			%	70 - 130
<u>8015B - Gasoline</u>						
Gasoline	<u> </u>	ND	1	50	ug/L	01/12/07 LD
Surrogates					Units	Control Limits

a.a.a-Trifluorotoluene	85	%	55 - 200	
, ,	•			

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample :	182807
Matrix:	WATER
Prep.Date:	January 15, 2007
Analysis Date:	January 15, 2007
Lab ID#'s in Batch:	182829, 182807, 182878, 182961, 182960, 183031, 183049, 183050, 182981, 182743, 182905, 182962, 182963, 182984, 183036, 182935, 182856, 182971, 182941, 183004
REPORTING UNITS =	mg/L

1

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

		PREP BLK	LCS				
Test	Method	Value	Result	True	%Rec	L.Limit	H.Limit
0&G	1664	ND	37.7	40	94	78%	114%

VALUE = Preparation Blank Value; ND = Not-Detected LCS = Lab Control Sample Result TRUE = True Value of LCS L.LIMIT / H.LIMIT = LCS Control Limits

ASSOCIATED LABORATORIES LCS REPORT FORM

QC Sample: G15-LCS&LCSD

Matrix: WATER

Prep. Date: January 12, 2007

Analysis Date January 12, 2007

Lab ID#'s in Batch: 182878, 182936, 182940,

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = $\mu g/L$

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
ТРН	8015M-G	ND	500	525	475	105	95	10

%REC LIMITS = 70 - 130

RPD LIMITS = 30

ND = Not Detected

LCS Result = Lab Control Sample Result %REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	85
LCS	85
LCSD	115

AAA-TFT = a, a, a-Trifluorotoluene

ASSOCIATED LABORATORIES LCS REPORT FORM

QC Sample: G15-LCS/LCSD

Matrix: WATER

Prep. Date: January 12, 2007

Analysis Date: January 12, 2007

Lab ID#'s in Batch: 182878, 182940

REPORTING UNITS = $\mu g/L$

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

		Sample	Spike	Matrix	Matrix	%Rec	%Rec	
Test	Method	Result	Added	LCS	LCSD	LCS	LCSD	RPD
Benzene	8021	ND	20	21.5	21.1	108	106	2
Toluene	8021	ND	20	20.6	20.3	103	102	1
Ethylbenzene	8021	ND	20	20.5	20.2	103	101	1
Xylenes	8021	ND	60	61.9	60.8	103	101	- 2

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD %REC-LCS & LCSD = Percent Recovery of LCS & LCSD % REC LIMITS = 70 - 130RPD LIMITS = 30

SURROGATE RECOVERY

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	85
LCS	104
LCSD	100

AAA-TFT = a, a, a-Trifluorotoluene

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900

Fax: (714) 538-1209 1818781



Chain of Custody Record

Company	3002 00%, #14 Tustin, CA 9278	80	*******	Phone	(714) 734-	9137	AL	Job N	0.	;	•	1	02	Page of
Project Manager	NOEL SH	ENOI	·	Fax	(714) 734	-9138	T	·		nalysi	s Req	uested	•	Test Instructions & Commen
Project Name CA1	LIFORNIA	LINEN	·,	Project	F		2	5	31	T				
Site Name and 0	AKLAND	. CA					12	(8) 11	50					
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Sample ID	Lab ID	Date	Time	Matrix	Container Number/Siz	e Pres.	TPH-(BTEX/	015					
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- ·	Tur	n Around Time			Rece	ived By:		1	<u>.</u>	Receiv	red By:		2.	Received By: 3.
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Distribution: White - Labo	oratory Canary - Labo	oratory Pink - Project/Acco	ount Manage	er Goldenroo	1 - Sampler/Originato	. <u>[// </u>			<u></u>	L		2	2	1-11.07- 2:05

CalClean Inc.

ATTACHMENT 2

..

1

HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEETS

Project Lo Client: C	ocation: 9 ALIFORI	89 41ST NIA LINE	STREET	.		City: O/	KLANE Operate) or (s): <u>Fa</u>	Site	#: CAL	.IFORNI	A LINEM	1		Dat	e: <u> 21</u> 4	<u>1</u> /2006	(71 F	4) 734-91 'age <u>21</u> o	37 vf
					Wei#1:	2-2	Well#2:	E-1	Well #3:	<u> </u>	Well #4:	-6	Well #5: F	-7	Well #6:	11.1-1	Walt #7	-1	Moll #8.	
Initial Dep	oth to Grou	indwater/F	P									• •				100 1		<u> </u>		
Screen in	terval		·····		ļ	· · · · ·													·····	**** * ******************
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Project Le Client: C	ocation: 9	989 41ST NIA LINE	STREET			City: OA	KLANE Operate) br (s): <u>fa</u>	Z Site	#: CAL K	IFORNI	LINEN	1		Dal	e: <u> </u> 2/[2/2006	(71 F	4) 734-91: vageZZo	37 f
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Project Lo Client: C	ocation: 9 ALIFOR	89 41ST NIA LINE	STREET N		.	City: OA	KLANE Operato) or (s):	Site	#: CAL	IFORNIA	LINEN	1	<u> </u>	Date	-12/L	5/ 2006	(71 P	4) 734-91 299230	37 .f
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12/17 0400 1800 1200 1600 2000	15 15 15 15 15	210 212 217 220 215	1412 1418 1423 1404 1404	384 380 378 373 365	1617	P 7a nV	546	Benv I	1633	Pan¥	7222	Fany/	N⁄A.	N⁄A	1375	Panv				
Commen	ts:																			

Project Lo Client: C	ALIFOR	989 41ST NIA LINE	STREET	.		City: O/	Operate	or (s):	Site	#: CAI	.IFORNI	A LINEI	N		Dat	e: <u>12/1</u>	<u>8</u> / 2006	(7: F	14) 734-91 Page 24 c	37 xf
Initial Der	th to Grou	undwate all			Wel#1:	Fd	Wel#2:	<u> =- [</u>	Well #3:	z-3	Well #4:	E-6	Well #5: E	-7	Well #6:	V)_/-]	Well #7.		₩A/ا #8۰	
Screen In	terval	undwaten/F	-P	n an Anna	_										1 4			<u>~ _</u>	VIGINO.	
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAC	DW	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW	Vacuum ″H₂O	DTW (ft)
10/10				84 - 84	E	23'	E	23'	E	27	E	191	The second secon		5	201	7/01)-	Jm		
12/18 0400 0300 1200 1600 2000	100000	205 205 200 220 215	1408 1413 1410 1406 1417	1365 1365 1359 1345 1339	15/7	P P mV	532	P 2 mV	1619	Fanv	717	PPmV	1.75	860	1367	Pan V				
2400	15	220	1406	1341					· · · · ·	<u> </u>				 						
0900 1200 1601 2000	(5 15 15 15	210 215 225 209	1415 1412 1421 1421 1419	1336 1330 1326 1322	1569	H?mi/	527	PRnV	1601	₽₽m¥	710	PErny	175	860	1358	BMV		· · · · · · · · · · · · · · · · · · ·		
2/20 2400 200 500 500	15 15 15 15 15	200 225 210 215	1424 14/4 1403 1412 1412	1319 1313 1302 1297 1297	1561	PemV	524	P <i>É</i> mV	1553	₿m¥ 	706	Himy.	1.7:5	8.58	367	FAnY		: :		
Comment	[s:		[[

Operator (s) CALLAND Deprator (s) CALLFORNIA LINEN Deprator (s) CALF				HI	GH VAC	UUM	DUAL	PHAS	SE EX	TRAC	TION	SYST	em fi	ELD D	ATA	SHEE	Т		CA (71	LCLEAN (4) 734- <u>9</u> 13	INC. 37
Operator (%) (Q11 1/2) Operator (%) (Q11 1/2) Value (C Value (C <th< td=""><td>Project Lo</td><td>cation: 9</td><td>89 41ST</td><td>STREET</td><td></td><td></td><td>City: OA</td><td>KLAND</td><td>۲</td><td>Site</td><td></td><td>IFORNIA</td><td>LINEN</td><td></td><td></td><td>Date</td><td>a: 122</td><td>2006</td><td>F</td><td>age</td><td>f</td></th<>	Project Lo	cation: 9	89 41ST	STREET			City: OA	KLAND	۲	Site		IFORNIA	LINEN			Date	a: 122	2006	F	age	f
Initial Coundwater/FP Initial Coundwater/FP Streen Interval The Unit Total ToX Intex Difference Depti Decoundwater/FP Vacuum DTW Vacuu		LIFUR				Wei#1.			r (s): <u>((</u> = -	LI IL	2	Well #4	-6	NAKALI ME. C	===	Well #6.	ALL	NALOH 447.	21		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Initial Dep	th to Grou	indwater/F	P	· · · · · · · · · · · · · · · · · · ·		<u>- a</u>	VV01072.		Wei #3: L			- 0	VVEH #5: C	$\leq T$		IW-I	VV68 #7: <u>1</u>	-	vven #8:	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Screen In	erval																			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Time	Unit Vacuum	Total Flowrate	TOX	TOX Inlet		Stinger		Stinger							Vacuum	DTW	Vacuum	DTW	Vacuum	DTW
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		("Hq.)	(scfm)	(deaF)	(ppmy)	Į	(feet)		(feet)					VAC	TTA/	"H ₂ O	(ft)	"H ₂ O	(ft) 504	"H ₂ O	(π)
2/21 2/20				((PP)	F	231	F	231	E	721	C	101	YFIC.	1/144	1	201	771M-			
Dhoo I 5 205 IV-72 2.99 DBD I 5 205 IV-12 12.79 IS5H Pmv 1549 Pmv 1.30 8.59 3.49 Pmv 200 IS 210 IV-12 12.74 IS5H Pmv 1549 Pmv 1.30 8.59 3.49 Pmv 200 IS 210 IV-17 12.74 IS 1.30 8.59 3.49 Pmv IS 1.50 8.59 3.49 Pmv IS 2.00 IS 2.00 IS 2.01 IS 2.00 IS 2.01 IS	12/21				-	<u> </u>	<u>a 5</u>				×7			<u></u>			αu				
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	200	15	210	1417	1274				11									[
2000 1.5 215 1411 1269 2/200 1.5 210 1405 269 2/200 1.5 205 1423 1260 1550 12 17 1542 12 17 1542 12 17 1542 12 17 1542 12 17 1542 12 17 1542 12 17 1542 12 154 2/200 1.5 200 14 19 1256 1/200 1.5 200 14 19 1256 2/200 1.5 21.5 1408 1243 2/200 1.5 21.5 1408 1243 2/200 1.5 21.5 1408 1245 2/200 1.5 21.5 1408 1245 2/200 1.5 21.5 1411 1239 1546 12 17 1536 12 17 17 17 17 17 17 12 27 2/200 1.5 21.5 1411 1239 1546 12 17 20 23 12 17 17 1536 12 17 17 17 17 17 17 17 17 17 17 17 17 17	1600	15	200	1409	1270						·							 			
2/32 0400 15 210 1405 12.69 0400 0200 15 205 1426 1550 1701 1542 1701 1.65 856 1334 1701 1200 15 200 149 12.56 1600 1550 1701 1542 1701 1.65 856 1334 1701 1200 15 200 149 12.57 12.67 1550 1701 1550 1701 12.67 1550 1701 12.67 <td< td=""><td>200</td><td>15</td><td>215</td><td>1411</td><td>12.69</td><td></td><td>2.25 </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	200	15	215	1411	12.69		2.25 														
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15 200 1479 256 1600 15 2200 15 215 1408 1247 2000 15 215 1408 1247 1408 2000 15 215 1408 1247 1408 2000 15 215 1408 1247 1408 2000 15 215 1409 1247 1408 2000 15 230 1409 1247 1408 2000 15 230 1409 1247 1408 2000 15 230 1409 1247 1408 2000 15 230 1409 1247 1408 2000 15 230 1546 1508 1586 2000 15 220 1420 1233 1408 2000 15 220 1417 1237 1408 2000 15 220 1410 128 1408 2000 15 220 1410 128 1408 2000 15 220 1410 128 1408 2000 15 220 1408 1408 1408 2000	0900	15	205	1453	1260	1550	PANY	512	PENV	1542	Panv	680	Panil	175	856	12211	Frank				
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2.63 0400 15 2.15 1411 12.39 1546 Pmv 503 Pmv 1536 Pmv 671 Pmv N/A N/A1223 Pmv 1200 15 2.5 1420 12.33 1600 15 2.10 1417 12.27 2000 15 2.20 1410 12.18 Comments: 12/21-Took Vapor Sample: Combine @ 12.05	2000	15	215	1408	1243			t		<u> </u>					ļ	······		 	 		
2,03 0400 (5 230 1409 1245 2800 15 215 1411 1239 1546 Pmv 503 Pmv 1536 Pmv 671 Pmv N/A N/AB33 Pmv 1200 15 25 1420 1233 1600 15 210 1417 1227 2000 15 220 1410 218 					-9												Ì				
0400 15 215 1411 1239 1546 Pany 503 Pany 1536 Pany 671 Pany N/A NAB3 Pany 1200 15 25 1420 1233 1600 15 210 1417 1227 2000 15 220 1410 1218 2000 15 220 1410 1218 2000 15 220 1410 1218	12/23		Alas Alas Alas																		
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200 15 25 1420 233 600 15 210 1417 227 200 15 220 1410 218 Comments: 2/21-Trock Vapor Sample: Combine @ 205	0900	[5	215	1411	1239	1546	FANY	503	PPmV	1536	PANY	671	PANV	NA	NA	33	FANV				
1600 15 210 1417 227 2000 15 220 1410 218 Comments: 2/2/-Took Vapor Sample: Combine @ 205	1200	15	225	1420	233			ļ	L	<u> </u>											
200 15 220 1410 218 Comments: 12/2/-Took Vapor Sample: Combine @ 1205	1600	15	210	1417	1227	ļ	ļ	ļ	· · · ·	ļ					ļ		ļ				
Comments: 12/2/-Took Vapor Sample: Combine @ 1205	200	15	990	1410	R18_	 	 		 	 	 		· .		 		 	 	┟───	┠}	
comments: 12/2/-Took Vapor Sample: Combine @ 12.05							 		h						<u> </u>			<u> </u>	<u> </u>		
comments: 2/2/-100K Vapor Sample: Combine @ 205		.1.m		<u>[</u>																	
	Commer	nts: Q	a/-1	COK \	lapor s	Samp	e:C	2mbi	ne (0 Q (2)	25										

CALCLEAN INC. (714) 734-9137

Project Lo	ocation: 9	89 41ST	STREET			City: OA	KLANE		Site	#: CAL	IFORNIA		ł		Dat	elaid	4/2006	F	age	f
Client: C	ALIFORI	NIA LINE	N				Operato	or (s):	<u>btril</u>	<u>7K -</u>										
<u></u>					Wel#1:	E-2	Well#2:	2-1	Well #3: -	-3	Well #4: -	-6	Well #5: F	-7	Well #6:/	MAT-1	Well #7:	5-1	Well #8:	
Initial Dep	th to Grou	indwater/F	P												(-	193				
Screen In	terval			· · · · · · · · · · · · · · · · · · ·																
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					the c		Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
	("Hg.)	(scfm)	(degF)	 (ppmv) 		(feet)		(feet)					VAC	1) <i>#</i> W			7/m-	5M		
12/24			· · · · · · · · · · · · · · · · · · ·		E	23	E	23'	E	Z		19'		-	E	20'				
0400	15	210	1406	1208		n	<u> </u>									<u> </u>				
0800	15	200	1414	1201	1538	PANV	497	PRV	1529	PONV	667	APMV	NIA	W/A	1318	Panv				
1200	15	220	1417	1293				·					1							
1600	15	225	1419	189																
paa	15	2/5	1404	M80	 		ļ													
12/25					 	 			ļ					 		<u> </u>			· · ·	<u> </u>
0400	15	215	1410	1182	1	†	<u> </u>	<u> </u>	<u> </u>			╂────	<u> </u>	<u> </u>						
0400	15	230	1407	1177	1529	PPnV	490	Panv	1517	Pomy	653	Ppm1/	N/A	N/A	1307	Pan!				
1200	15	220	1419	1169		1				, <i></i>		112.19						·		
1600	15	20	1412	1151									[1	1		. †	
2000	15	200	1405	1148		ļ		ļ												
12/26					<u> </u>	<u> </u>	 	 	ļ											
0400	15	205	1404	1145		<u>†</u>	<u> </u>	<u> </u>				<u> </u>				<u> </u>				
0800	15	210	1412	1139	1523	RANV	484	PANV	1508	PanV	649	Pany	170	8.57	1298	PPnV				
1200	15	240	1421	1132			ľ				¥			121			1			
1600	15	215	14-18	1127																
200	15	230	1409	1119		ļ						ļ								
				 	 		 					<u> </u>				 			┠∔	
				h	<u> </u>	+		<u> </u>	{				 						╏╌──┤	
Commer	nts:12/	26:70	ok v	apor 5	amp	cQ	1200)	····	۹	L	······	¥	۰ <u>۰</u>	L	L	l	ـــــــــــــــــــــــــــــــــــــ	I	
				1	1															

CALCLEAN INC. (714) 734-9137

Project Lo	cation: 9	89 41ST	STREET			City: OA	KLAND		Site	#: CAL	IFORNIA		I		Date	122	7/2006	P	age 270	f.
Client: C	ALIFORI	NIA LINE	N			-	Operato	r (s): Pa	trick							43	<u> </u>		-9- 936 -	
					Wei#1:	2-2	Well#2:E	E-T	Well #3: F	-3	Well #4:/~	6	Well #5: F	ニフ	Well #6:/	11.1-1		G-TT	Woll #8.	
Initial Dep	th to Grou	indwater/F	P	·····												IVY L			VON WO.	
Screen In	terval					· · · · · · · · · · · · · · · · · · ·														
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					1		Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					VAC	DW	_		7.Am-	-58m		÷111
	1				Ê	23'	E	23	Ш	23'	E	19'			E	\mathcal{D}'				0
2/27										<u> </u>						<u> </u>			7	
OYAN	15	2/5	1407	1122		÷														
OGO	15	200	14/3	1117	1517	FPmV	476	Pany	1495	Pany	642	FPmV	175	857	1787	PPmV				
200	15	220	1409	1112	<u> </u>		17-	111.18		<u>, , , , , , , , , , , , , , , , , , , </u>				001	$\alpha \nu r$					
600	15	205	1417	1105		<i></i>														
2000	15	210	424	1099																
				1 2 	·····															
2/28																				
Otho	15	220	14-10	1095																
Offic O	15	205	中学	INA7	1503	PROV	iHA	am (NA7	Pon	\$36	Penil	175	056	SAR	Pany				
1200	15	230	1406	INRI					1.07	UTIN	070		1.77	ωv	200	1711				
600	15	215	14IT	TOBY							·								·	
2000	1.5	210	4/8	1063	·		·								·	<u> </u>				
<u></u>										· · · · ·				·						
12/29																		·····	 	
0400	15	an	1405	Ch																
0900	15	225	TUDA	0.58	1497	Panl	UAT	Fant	14-716	Ronil	231	Flent	17.6	ØN	リスチ	Far V				
1200	15	220	田子	1053	17.17-			11111	11/7	אניודן		<u> / // // _</u>	170	DUD	$\propto \tau l$	L[[]]]]				
1600	15	215	415	1047								<u>├</u>							 	
am	15	730	1413	1730								├ ───┤								
~ 4.00												├ ───┤				· · · · · ·				
												<u> </u>								
Common	h	L	h	L ., 		I	I			L	L	لــــــا	L				L	L		

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Comments:

Project Lo Client: C /	cation: 9	89 41ST NIA LINE	STREET N			City: OA	KLAND Operato	r (s): R	Site #	#: CAL	FORNIA	LINEN	i		Date	123	0 2006	(71 P	(4) 734-91: Page 60	37 f
					Wei#1: E	ľ, ď	Wel#2: {	5-1	Well #3: E	E-3	Well #4: E	2-6	Well #5: E	-7	Well #6:	1W-1	Well #7:I	2~1	Weil #8:	
Initial Dep	th to Grou	indwater/F	P	·····	<u>}</u>		1													
Screen In	erval			······································	l															
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth		* 					Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H₂O	DTW (ft)
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)	1.1. H. 1.				VAC	UW			7Am-	5Km		والمتكافر المراجع
0 60					12	23'	E	23	E	a 3	E	19		ļ	E	20'				
12/10			<u></u>		l							:								
0400	15	210	1412	1036			· · ·						_							
0800	15	225	1410	1029	1491	PPmV	453	PPm1/	1466	PPmV	624	PANY	N/A	NA	269	Pmv			·	,
1200	15	220	1419	1020								1								
600	15	230	1411	1014												<u>†</u>				
ann	15	715	1415	1006										<u> </u>	ł	<u> </u>				
	-19			1000											<u> </u>					<u></u>
12/21					<u> </u>									<u> </u>						
nin	15	225	11LOL	laas	 								<u> </u>	┝───	ļ	<u> </u>				
0400	15	ad-2	441-7	and	1102	Pmil	1111-	DDAU	HE0	0	150	Carl	ATTA	ATA		0				
1000	15	210	44	990	1493	LHUK	447	FMV	1458	PIM	h20	[MIV	<u>VV A</u>	YVA.	<u>ans</u>	MM	Į			
1000	10	dal	1410	997	 		 							ļ	 	*		ļ		
1000	15	215	1421	940	ļ	ļ	ļ					ļ			ŀ	ļ	·		· .	
7100	15	700	141	977	ļ										I					
-1.7																			į	
OVI																			1	
0400	15	230	1403	974														:		
0800	15	210	1412	970	1476	PPMV	439	Pm/	1450	PANV	611	Pm1	NA	MA	257	PPmV				
1200	15	215	1407	967	l ·	ľ						1								
1600	15	200	14-19	962			1					<u> </u>			1	1	 			
2000	15	220	1414	959			 					1			1	<u> </u>				
	··			<u> </u>		 	 					<u>├</u> ───	 		 	<u> </u>	 	<u> </u>	 {	
				<u>├</u> ─────	<u> </u>		 	<u>├</u> -				<u> </u>	t	 	<u> </u>	†	 		┠────┤	
		 	h		<u> </u>		 					 	}	 	t	<u> </u>	 		╏───┤	
Commer		31	GRAN (2 min la	. 6	120	5	L	I,	l,	L	I	1	L	L	<u>l</u>	1	L	I	, _
	<u> </u>			Mar IC	y LU	<u>ind</u>	<u>, / </u>				·····							~~~		
HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

Project Lo Client: C	ocation: 9 ALIFORI	89 41ST NIA LINE	STREET N			City: OA) or (s): F0	Site:	#: CAL K	IFORNIA	LINEN	i		Date		2,7208	(/1 . P	4) 734-91. age210	37 f
	•				Well#1	2-2	Well#2		Well #3	2-3	Well #4:	5-6	INCH HE. F		Well #6.	Λ , Λ	18/01/#7	1	Mall #P.	
Initial Dep	th to Grou	undwater/F	P			<u> </u>	· · · · · · · · · · · ·	<u> </u>					WORNS. L	<u> </u>		144-1	VVGII #7.		VVeil #0.	
Screen In	terval																			
Time	Unit Vacuum ("Hg.)	Totai Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					V/Ac.	DTW	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
					E	231	F	22	F	72	F	19.			7.7.9.4	<u></u>	F	201		
1/2			•		<u> </u>			5			<u> </u>						<u> </u>	20		
0400	15	205	1402	957		(h)				P1										
0800	15	ado	1410	451	147	PPMV.	433	HPMV	1437	1PmV	599	17mv	1.70	855	$[j] \in j$		254	120V	· .	
100	12-	alle	1421	148								ļ								
100	15	410	1417	143	 							 								
aw	10	222	1413	434			·				-		ļ	ļ					·	
172					 			en de la composition br>La composition de la c				 								
1100	15	270	11617-	0.30								ļ								î.
0400	15	23/	Y B	470	11/-70	10 1	1120		1175	Part	FO-	65 11		055				<u> </u>		· · · · · · · · · · · · · · · · · · ·
UTON	15	ay C	412	933	1470	[PmV	490	T1m¥	1435	TEMŲ	<u>597</u>	pmv	1,75	855			253	19ml		19.7×1.
12 m	12	200	1403	729					,				· · · · · · · · · · · · · · · · · · ·			*				
hon	10	RI E	410	120	<u> </u>		··					<u> </u>							·	
AW	19	ALD.	1907	920_			·					┟───								
1/4				 	<u> </u>								<u> </u>					.		
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Commer	nts:															h		·		

HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

Project Lo Client: C	ALIFOR	989 41ST NIA LINE	STREET N	Г		City: OA	Operate	D or (s): 1	z Site	#: CAL	IFORNIA	LINEN	1		Date	e: 1/5	5,2007	(71 F	14) 734-91 2898 <u>D</u> a	37
Initial Dee	1 An O			·	Wei#1:	E-2	Wel#2;	E-1	Well #3:	<u>5-3</u>	Well #4:	E-6	Well #5: -	-7	Well #6:	11.1-1			Woll #8:	
Screen In	terval	Indwater/H	<u>.</u> р				-			· • 4 -				<u> </u>	 	100 -		<u>-</u>	riba iro.	
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAC		Vacuum "H ₂ O "ZAm	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
175			· · · · · ·		E	23'	E	23	E	23'	E	19.			//		G	$2\alpha'$		
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CALCLEAN INC.

HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

Nient: CALIFORNIA LINEN					City: OAKLAND					Site #: CALIFORNIA LINEN				Date	Date: 18/2007			14) 734-91 Page <u>3</u> [(37 of	
nitial Der	th to Our				Wei#1:	2-2	Weil#2;	(s) _1	Well #3	=-3	Well #4	6			har. 11 410 A	<u>X 71</u>	-*			
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Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					NAC	TTA	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
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CalClean High Vacuum Dual Phase Extraction and Treatment Event Report, February 28, 2007

CALCLEAN INC.

"A Partner in Protecting California's Waters"

February 28, 2007

California Linen Rental Company 989 41st Street Oakland, CA 94608

ATTN: MR. JOEL PITNEY

SITE: CALIFORNIA LINEN 989 41ST STREET OAKLAND, CALIFORNIA

RE: HIGH VACUUM DUAL PHASE EXTRACTION AND TREATMENT EVENT REPORT

Dear Mr. Pitney:

CalClean Inc. is submitting this High Vacuum Dual Phase Extraction and Treatment Event Report for the above referenced site. This report includes all activities performed during the dates of October 12, 2006 to February 8, 2007.

From October 12, 2006 to February 8, 2007, CalClean performed a 120-day high vacuum dual phase extraction (HVDPE) event on several onsite wells using a low-noise, truck-mounted 450-CFM high-vacuum liquid ring blower along with a Bay Area Air Quality Management District (BAAQMD) various locations permitted propane-fired thermal oxidizer (Plant No. 12568). This technology allows hydrocarbons to be simultaneously removed from the vadose zone, capillary fringe, and saturated soil zone. A high vacuum was applied for vapor extraction and drawdown of the groundwater table around the extraction wells, while vacuum and vapor flow rates were modified to optimize recovery of vapor, free-product (if any) and dissolved-phase hydrocarbons.

During the event, the high vacuum dual phase extraction (HVDPE) system was connected to various wells individually or in combination. After a short-term test was conducted in several extraction wells, high vacuum dual phase extraction was performed at various times in wells W-1, E-2, E-3, E-6, E-7 and MW-1. On October 19, 2006, air-sparging using an oil-free air compressor was conducted in wells I-1 and I-2. HVDPE activities were conducted for a total of 120 days during the HVDPE event.

Vapor samples were collected in Tedlar bags from each extraction well when first connected, during the event and then again at the end of the event. Combined influent samples were also collected during the event. The laboratory results, listed in Table 1 and laboratory reports included in Attachment 1, indicate the following:

- The starting Total Petroleum Hydrocarbons as Gasoline (TPH-G) vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 2,650 ppmv, 860 ppmv, 2,370 ppmv, 3,700 ppmv, and 8,800 ppmv, respectively. On February 28, 2007, the TPH-G vapor concentrations were 562 ppmv, 15 ppmv, 352 ppmv, 23 ppmv, and 305 ppmv, respectively. The TPH-G vapor concentration in well E-7 was 344 ppmv. The starting and ending Combined well TPH-G vapor concentrations were 1,310 ppmv and 712 ppmv, respectively.
- The starting Benzene vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 18 ppmv, 0.39 ppmv, 23 ppmv, 20 ppmv, and 68 ppmv, respectively. On February 28, 2007, the Benzene vapor concentrations were 3.4 ppmv, ND<0.01 ppmv, 4.4 ppmv, ND<0.01 ppmv, and 3.8 ppmv, respectively. The Benzene vapor concentration in well E-7 was 0.44 ppmv. The starting and ending Combined well Benzene vapor concentrations were 8.5 ppmv and 4.4 ppmv, respectively.

The total equivalent amount of hydrocarbons recovered through vapor extraction during the 120day event was 10,039.10 pounds (based on laboratory data), and 11,529.13 pounds (based on the Horiba field organic vapor analyzer data) with an average of **10,784.11 pounds**. The cumulative tabulation of recovered hydrocarbons (based on laboratory data) is provided in Table 2. The cumulative tabulation of recovered hydrocarbons (based on the field organic vapor analyzer data) is provided in Table 3. These results indicate that dual-phase vacuum extraction using a mobile high-vacuum system is acting as an effective remedial technology at this site in reducing Total Petroleum Hydrocarbons as Gasoline, BTEX and MtBE constituent concentrations in the vadose and saturated zone.

The total volume of hydrocarbon-affected groundwater recovered from the extraction wells during the HVDPE event was approximately 61,240 gallons. The extracted water was treated onsite in a granular activated carbon canister system in accordance with the sewer discharge requirements for the city of Oakland.

The following attachments are included to document the HVDPE event at the site:

- Table 1Results of Laboratory Analysis of Influent Vapor Samples
- Table 2High Vacuum Dual Phase Extraction Spreadsheet (using Lab Data)
- Figure 1 Total Inlet HC Concentrations versus Time (120-Days, Using Lab Data)
- Figure 2 Cumulative HC Recovered over 120 Days (using Lab Data)
- Table 3High Vacuum Dual Phase Extraction Data Spreadsheet (using Horiba Data)
- Figure 3 Total Inlet HC Concentrations versus Time (120-Days, Using Horiba Data)
- Figure 4 Cumulative HC Recovered over 120 Days (using Horiba Data)
- Attachment 1 Laboratory Reports
- Attachment 2 High Vacuum Dual Phase Extraction Field Data Sheets

It has been a pleasure as we continue to work on this project. If you have any questions regarding this report, please contact us at (714) 734-9137 or via cell phone at (714) 936-2706.

Sincerely,

CALCLEAN INC.

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Noel Shenoi Principal Engineer

Attachments

Cc: Mr. Paul King, P&D Environmental

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-1	10/13/2006 0500	2,650	18	276	62	87
E-1	11/1/2006 1140	1,750	3.6	1.3	19	70
E-1	11/11/2006 0850	1,490	9.7	8.9	6	24
E-1	12/11/2006 1220	203	0.45	1.4	0.78	4.9
E-1	1/9/2007 1210	409	1.7	8.9	1.6	6.6
E-1	2/8/2007 1210	562	3.4	10	0.5	10
E-2	11/1/2006 1210	860	0.39	2.2	11	38
E-2	11/11/2006 0900	458	0.7	2.2	3.3	18
E-2	12/11/2006 1205	213	0.5	1.7	1.1	6.4
E-2	1/9/2007 1205	86	ND<0.01	0.29	0.31	2
E-2	2/8/2007 1220	15	ND<0.01	0.12	0.08	0.27

(Contd.)

Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-3	10/13/2006 1000	2,370	23	53	20	69
E-3	11/1/2006 1225	1,040	2.6	5.4	9.2	42
E-3	11/11/2006 0910	570	0.67	2	3.8	21
E-3	12/11/2006 1215	180	0.35	1.4	1.1	6.7
E-3	1/9/2007 1215	323	1.4	6.7	1.3	5.4
E-3	2/8/2007 1230	352	4.4	13	0.95	14
E-6	10/13/2006 0100	3,700	20	115	78	330
E-6	11/1/2006 1155	962	2.4	5.3	11	40
E-6	11/11/2006 0920	619	0.67	2.1	4.1	22
E-6	12/11/2006 1210	123	ND<0.025	0.74	0.94	5.4
E-6	1/9/2007 1220	309	1.2	7.2	1.3	5
E-6	2/8/2007 1240	23	ND<0.01	0.15	0.14	0.34
E-7	10/13/2006 1400	344	0.44	3	1.2	3.6

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
MW-1	10/12/2006 2200	8,800	68	228	73	255
MW -1	11/1/2006 1235	1,260	3.2	7.2	11	44
MW-1	11/11/2006 0930	1,060	6.7	6.8	5.1	24
MW -1	12/11/2006 1225	182	0.5	1.4	0.65	4.5
MW-1	1/9/2007 1225	95	0.15	0.4	0.2	0.72
MW-1	2/8/2007 1250	305	3.8	11	0.9	13
COMBINED	10/13/2006 1600	1,310	8.5	8.4	13	38
COMBINED	10/17/2006 1400	1,360	8.8	8.9	13	39
COMBINED	10/19/2006 1300	2,560	9.6	44	44	171
COMBINED	10/19/2006 1500	6,580	28	139	75	224
COMBINED	10/24/2006 1200	1,950	7.1	16	12	26
COMBINED	10/29/2006 1700	3,540	12	27	68	249

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	11/1/2006 1130	1,080	3.1	7.3	11	40
COMBINED	11/3/2006 1600	2,100	9.5	14	14	51
COMBINED	11/10/2006 0010	6,500	63	28	12	39
COMBINED	11/11/2006 0840	1,760	13	11	5.6	23
COMBINED	11/17/2006 1210	1,160	7	14	6	16
COMBINED	11/22/2006 1200	426	2	12	2.2	6.2
COMBINED	11/27/2006 1200	832	4.3	15	3.9	12
COMBINED	12/1/2006 1200	476	1.5	4	2.9	11
COMBINED	12/8/2006 1200	3,000	40	117	1.3	1.7
COMBINED	12/11/2006 1200	266	0.9	2.2	1.4	8.3
COMBINED	12/14/2006 0800	297	1.2	2.1	1.2	3
COMBINED	12/21/2006 1205	211	0.71	2.9	0.72	2.1
COMBINED	12/26/2006 1200	240	0.69	1.8	0.89	1.5

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppm∨)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	1/9/2007 1201	373	1.6	7.7	1.4	6.1
COMBINED	1/14/2007 1200	106	0.1	0.58	0.46	2
COMBINED	1/21/2007 2000	98	0.32	1.2	0.39	1.6
COMBINED	1/26/2007 1200	449	3.6	11	0.65	7.7
COMBINED	1/31/2007 1200	317	1.7	1	2.4	0.5
COMBINED	2/5/2007 0400	453	3.4	11	0.9	278
COMBINED	2/8/2007 1200	712	4.4	13	0.5	13
Notes: ppmv TPH - g	= parts per million by volume = total petroleum hydrocarbons		THP-G, BTEX	analyzed by EPA 8015/8	3021	1

CalClean Inc.

Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

	<u></u>	SYSTEM P	ARAMETERS					
TIME	Average 'System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	Hydi (lbs)	rocarbon Recov (gal)	/ery (Cumul. lbs)		
10/12/2006 18:00	25	22	535	0.00	0.00	0		
10/13/2006 1:00	25	27	3,700	4.94	0.79	4.94		
10/13/2006 5:00	25	25	2,650	4.50	0.72	9.44		
10/13/2006 10:00	25	26	2,370	4.36	0.70	13.80		
10/13/2006 14:00	25	24	344	1.85	0.30	15.64		
10/13/2006 16:00	15	210	1,310	2.63	0.42	18.28		
10/17/2006 14:00	15	201	1,360	351.11	56.20	369.39		
10/19/2006 13:00	15	295	2,560	311.04	49.79	680.43		
10/19/2006 15:00	13	230	6,580	32.67	5.23	713.10		
10/24/2006 12:00	16	215	1,950	1,511.65	241.96	2,224.75		
10/29/2006 17:00	15	231	3,540	1,041.78	166.75	3,266.53		
11/1/2006 11:30	15	226	1,080	477.90	76.49	3,744.43		
11/3/2006 16:00	15	229	2,100	258.56	41.39	4,002.98		
11/10/2006 0:10	15	211	6,500	1,959.87	313.71	5,962.86		
11/11/2006 8:40	15	210	1,760	384.68	61.57	6,347.54		
11/17/2006 12:10	15	213	1,160	620.12	99.26	6,967.66		
11/22/2006 12:00	15	212	426	274.93	44.01	7,242.59		
11/27/2006 12:00	15	212	832	217.86	34.87	7,460.45		
12/1/2006 12:00	15	213	476	181.65	29.07	7,642.10		
12/6/2006 12:00	15	219	3,000	613.34	98.17	8,255.44		
12/11/2006 12:00	15	222	266	588.29	94.16	8,843.73		

CalClean Inc.

Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

		SYSTEM PA	ARAMETERS		·····				
TIME	Average System Vacuum (in of Ha)	Average TotalSystem InletInfluent ConcentrationsFlowPost-dilution*(scfm)(ppmv)		Hydrocarbon Recovery (Ibs) (gal) (Cumul.					
12/14/2006 8:00	15	217	297	57.21	9.16	8,900.94			
12/21/2006 12:05	15	210	211	127.05	20.34	9,027.99			
12/26/2006 12:00	15	240	240	82.84	13.26	9,110.83			
1/9/2007 12:01	15	210	373	315.49	50.50	9,426.32			
1/14/2007 12:00	15	15 220 106		84.12	13.46	9,510.44			
1/21/2007 20:00	15	214	98	53.04	8.49	9,563.48			
1/26/2007 12:00	15	205	449	87.37	13.99	9,650.85			
1/31/2007 12:00	15	210	317	129.84	20.78	9,780.69			
2/5/2007 4:00	15	211	453	123.58	19.78	9,904 27			
2/8/2007 12:00	15	214	712	134.82	21.58	10,039.10			
				I					
	TOTAL HC	RECOVERED* - L/	AB DATA	10,039.10	1,606.90				
	TOTAL HC	RECOVERED** - F	IELD ANALYZER DATA	11,529.13	1,845.40				
	Average HC F	Recovered*** (Fie	id Analyzer/Lab Data)	10,784.11	1,726.15				
						1			

TOTAL GROUNDWATER EXTRACTED

61,240

in of Hg = inches of mercury

scfm = standard cubic feet per minute

* Concentration data based on laboratory data.

** Based on Horiba field analyzer data.

ppmv = parts per million by volume

lbs = pounds

gal = gallons

*** Average HC Recovered using Laboratory and Horiba data





and a second
	Extraction	Extraction	Extraction	Extraction	Extraction	SYSTEM PARAMETERS						
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
10/12/2006 18:00						25	22	535	3	0.00	0.00	0
10/12/2006 19:00						25	23	2,260		0.43	0.07	0.43
10/12/2006 20:00						25	28	3,510		1.00	0.16	1.43
10/12/2006 21:00						25	25	3,980		1.35	0.22	2.78
10/12/2006 22:00						25	30	3,410		1.38	0.22	4.16
10/12/2006 23:00						25	28	3,930		1.45	0.23	5.61
10/13/2006 0:00						25	22	2,010		1.01	0.16	6.62
10/13/2006 1:00						25	27	1,909		0.65	0.10	7.28
10/13/2006 2:00						25	29	1,802		0.71	0.11	7.99
10/13/2006 3:00						25	21	1,833		0.62	0.10	8.60
10/13/2006 4:00						25	20	1,110		0.41	0.07	9.01
10/13/2006 5:00						25	25	1,010		0.32	0.05	9.34
10/13/2006 6:00						25	28	1,130		0.39	0.06	9.73
10/13/2006 7:00						25	26	1,180		0.42	0.07	10.15
10/13/2006 8:00						25	26	410		0.28	0.05	10.43
10/13/2006 9:00		······································				25	30	192		0.11	0.02	10.55
10/13/2006 10:00						25	28	625		0.16	0.03	10.71
10/13/2006 11:00						25	24	797		0.25	0.04	10.96
10/13/2006 12:00						25	23	895		0.27	0.04	11.23
10/13/2006 13:00						25	26	701		0.27	0.04	11.50
10/13/2006 14:00						25	25	530		0.21	0.03	11.71
10/13/2006 15:00						25	29	302		0.15	0.02	11.86
10/13/2006 16:00						15	210	6,990		5.93	0.95	17.79
10/13/2006 20:00						15	181	5,120		64.47	10.32	82.26
10/14/2006 0:00						15	183	4,310		46.73	7.48	129.00
10/14/2006 8:00						15	199	4,330		89.87	14.39	218.87
10/14/2006 12:00						15	201	3,330		41.72	6.68	260.58

California Liner	 Oakland, CA
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	Extraction	Extraction	Extraction	Extraction	Extraction	traction SYSTEM PARAMETERS						
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hyd (u (lbs)	rocarbon Reco sing Horiba Da (gal)	very ta) (Cumul. lbs)
10/14/2006 16:00						15	183	3,510		35.76	5.72	296.34
10/14/2006 20:00						15	195	3,470		35.92	5.75	332.27
10/15/2006 0:00						15	191	3,480		36.52	5.85	368.79
10/15/2006 8:00						15	187	3,410		70.92	11.35	439.71
10/15/2006 12:00						15	193	3,370		35.08	5.61	474.79
10/15/2006 16:00						15	190	1,880		27.38	4.38	502.16
10/15/2006 20:00						15	200	1,980		20.50	3.28	522.66
10/16/2006 0:00						15	195	1,835		20.52	3.28	543.18
10/16/2006 6:00						15	203	2,130		32.23	5.16	575.41
10/16/2006 8:00						15	199	2,280		12.07	1.93	587.47
10/16/2006 12:00						15	208	2,940		28.93	4.63	616.40
10/16/2006 16:00						15	215	3,080		34.67	5.55	651.07
10/16/2006 20:00						15	220	3,970		41.75	6.68	692.82
10/17/2006 0:00						15	210	4,210		47.89	7.67	740.71
10/17/2006 4:00						15	193	2,970		39.40	6.31	780.11
10/17/2006 4:00						15	205	3,310		0.00	0.00	780.11
10/17/2006 8:00						15	225	2,830	l	35.95	5.75	816.05
10/17/2006 12:00						15	202	2,790		32.67	5.23	848.73
10/17/2006 16:00						15	201	3,670		35.45	5.67	884.17
10/17/2006 20:00						15	210	3,020		37.44	5.99	921.61
10/18/2006 0:00						15	199	2,930		33.13	5.30	954.74
10/18/2006 4:00						15	204	2,890		31.93	5.11	986.67
10/18/2006 8:00						15	195	2,510		29.33	4.70	1,016.01
10/18/2006 12:00						15	1201	2,780		100.54	16.09	1,116.55
10/18/2006 16:00						15	210	2,540		102.20	16.36	1,218.75
10/18/2006 20:00						15	206	2,510		28.60	4.58	1,247.36
10/19/2006 0:00	l					15	200	2,620		28.36	4,54	1,275.71

n Allen allen all	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	ocarbon Reco sing Horiba Dat	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/19/2006 4:00						15	215	2,480		28.82	4.61	1,304.53
10/19/2006 8:00						15	195	2,610		28.41	4.55	1,332.94
10/19/2006 12:00						15	295	2,330		32.96	5.28	1,365.90
10/19/2006 14:00						13	230	2,260		16.40	2.63	1,382.30
10/19/2006 15:00						13	234	2,110		6.90	1.10	1,389.21
10/19/2006 16:00						13	261	1,980		6.89	1.10	1,396.10
10/19/2006 17:00						13	260	2,110		7.25	1.16	1,403.35
10/19/2006 18:00						13	245	2,105		7.25	1.16	1,410.59
10/19/2006 19:00						13	223	1,610		5.92	0.95	1,416.51
10/19/2006 20:00						13	220	1,755		5.07	0.81	1,421.59
10/19/2006 21:00						13	219	1,731		5.21	0.83	1,426.80
10/19/2006 22:00						13	223	1,789		5.30	0.85	1,432.09
10/19/2006 23:00						13	225	1,740		5.38	0.86	1,437.47
10/20/2006 0:00						13	230	1,710		5.34	0.86	1,442.82
10/20/2006 4:00						13	233	1,663		21.26	3.40	1,464.08
10/20/2006 8:00				ļ	L	13	220	1,603		20.14	3.22	1,484.22
10/20/2006 12:00				L		13	236	1,723		20.65	3.31	1,504.87
10/20/2006 16:00						13	210	1,441		19.21	3.08	1,524.08
10/20/2006 20:00		<u> </u>				15	200	1,507		16.46	2.63	1,540.54
10/21/2006 0:00		<u> </u>			ļ	15	215	1,560		17.33	2.77	1,557.87
10/21/2006 4:00					<u> </u>	13	230	1,610		19.21	3.07	1,577.07
10/21/2006 8:00			<u> </u>		ļ	13	235	1,693		20.91	3.35	1,597.99
10/21/2006 12:00						15	201	1,510		19.01	3.04	1,617.00
10/21/2006 16:00						15	200	1,110		14.30	2.29	1,631.30
10/21/2006 20:00						15	205	1,067		12.00	1.92	1,643.31
10/22/2006 0:00						15	225	1,283		13.76	2.20	1,657.07
10/22/2006 4:00						15	225	1,623	<u> </u>	17.80	2.85	1,674.87

	Extraction	Extraction	Extraction	Extraction	SYSTEM PARAMETERS							
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Dat	very (a)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/22/2006 8:00						15	221	1,731		20.37	3.26	1,695.24
10/22/2006 12:00						15	218	1,793		21.06	3.37	1,716.30
10/22/2006 16:00						15	220	1,821		21.55	3.45	1,737.85
10/22/2006 20:00			·			15	195	1,220		17.18	2.75	1,755.03
10/23/2006 0:00						15	230	1,362		14.94	2.39	1,769.97
10/23/2006 4:00			· ····································			15	225	1,960		20.58	3.29	1,790.55
10/23/2006 8:00			· · · · ·			15	227	2,380		26.71	4.28	1,817.26
10/23/2006 12:00						15	219_	2,460		29.39	4.70	1,846.65
10/23/2006 16:00						15	223	2,730		31.23	5.00	1,877.88_
10/23/2006 20:00						16	217	2,520		31.45	5.03	1,909.33
10/24/2006 0:00						17	211	1,462		23.20	3.71	1,932.54
10/24/2006 4:00						17	210	1,936		19.48	3.12	1,952.01
10/24/2006 8:00						16	216	1,857		22.00	3.52	1,974.01
10/24/2006 12:00						16	215	1,890		21.99	3.52	1,996.00
10/24/2006 16:00						15	220	1,912		22.52	3.60	2,018.52
10/24/2006 20:00						17	211	1,887		22.29	3.57	2,040.81
10/25/2006 0:00						15	224	1,623		20.79	3.33	2,061.60
10/25/2006 4:00						15	226	1,676		20.21	3.24	2,081.81
10/25/2006 8:00						16	217	1,813		21.04	3.37	2,102.86
10/25/2006 12:00						16	220	2,150		23.58	3.77	2,126.43
10/25/2006 16:00		 				15	228	2,340		27.39	4.38	2,153.82
10/25/2006 20:00		 				15	225	2,520		29.97	4.80	2,183.80
10/26/2006 0:00						15	223	2,480		30.50	4.88	2,214.29
10/26/2006 4:00						15	225	2,610		31.05	4.97	2,245.34
10/26/2006 8:00						15	227	2,580		31.94	5.11	2,277.28
10/26/2006 12:00						15	220	2,750		32.44	5.19	2,309.72
10/26/2006 16:00						15	231	2,870		34.51	5.52	2,344.23

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				er Denge
TIME	Extraction Well # E-1	Well # E-2	Well # E-3	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydı (us	ocarbon Reco sing Horiba Dat	very a)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/26/2006 20:00						15	220	2,890		35.37	5.66	2,379.59
10/27/2006 4.00						15	231	2,750		69.26	11.09	2,448.86
10/27/2006 8:00						15	229	2,830		34.95	5.59	2,483.80
10/27/2006 12:00						15	225	2,770		34.61	5.54	2,518.42
10/27/2006 16:00						15	227	2,730		33.85	5.42	2,552.27
10/27/2006 20:00						15	225	2,610		32.86	5.26	2,585.13
10/28/2006 4.00						15	226	2,530		63.12	10.10	2,648.25
10/28/2006 8:00						15	228	2,650		32.02	5.13	2,680.27
10/28/2006 12:00						15	225	2,810		33.68	5.39	2,713.95
10/28/2006 16.00						15	219	2,770		33.73	5.40	2,747.68
10/28/2006 20:00						15	230	2,620		32.95	5.27	2,780.63
10/29/2006 4:00	1					15	221	2,750		65.95	10.56	2,846.57
10/29/2006 8:00						15	225	2,420		31.39	5.03	2,877.97
10/29/2006 12:00						15	230	2,130		28.19	4.51	2,906.15
10/29/2006 16:00	1					15	231	2,170		26.99	4.32	2,933.14
10/29/2006 20:00						15	220	2,220		26.96	4.31	2,960.10
10/30/2006 4:00	1					15	221	2,240		53.56	8.57	3,013.66
10/30/2006 8:00						15	227	2,580		29.40	4.71	3,043.06
10/30/2006 12:00						15	223	2,620		31.86	5.10	3,074.92
10/30/2006 16:00						15	228	2,570		31.87	5.10	3,106.78
10/30/2006 20:00						15	225	2,580		31.76	5.08	3,138.55
10/31/2006 4.00						15	225	2,310		59.92	9.59	3,198.47
10/31/2006 8:00						15	227	2,400		28.99	4.64	3,227.45
10/31/2006 12:00						15	228	2,430		29.92	4.79	3,257.37
10/31/2006 16:00	,	1				15	226	2,460		30.23	4.84	3,287.60
10/31/2006 20:00)					15	227	2,480		30.47	4.88	3,318.07
11/1/2006 4:00						15	228	2,470	l	61.33	9.82	3,379.40

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM	V PARAMETERS				
ТІМЕ	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(Ibs)	(gai)	(Cumul. IDS)
11/1/2006 8:00						15	226	2,530		30.91	4.95	3,410.30
11/1/2006 12:00						15	227	2,580		31.52	5.04	3,441.82
11/1/2006 16:00						15	230	2,420		31.11	4.98	3,472.93
11/1/2006 20:00						15	225	2,400		29.86	4.78	3,502.79
11/2/2006 4:00						15	225	2,380		58.57	9.38	3,561.36
11/2/2006 8:00						15	220	2,350		28.66	4.59	3,590.02
11/2/2006 12:00						15	231	2,310		28.61	4.58	3,618.63
11/2/2006 16:00						15	226	2,290		28.62	4.58	3,647.25
11/2/2006 20:00						15	232	2,260		28.37	4.54	3,675.62
11/3/2006 4:00						15	230	2,180		55.86	8.94	3,731.48
11/3/2006 8:00						15	226	2,150		26.88	4.30	3,758.36
11/3/2006 12:00						15	225	2,010		25.54	4.09	3,783.91
11/3/2006 16:00						15	229	2,200		26.02	4.17	3,809.93
11/3/2006 20:00						15	225	2,170		27.01	4.32	3,836.94
11/4/2006 4:00						15	231	2,120		53.27	8.53	3,890.21
11/4/2006 8:00						15	225	2,050		25.89	4.14	3,916.10
11/4/2006 12:00						15	220	2,030		24.72	3.96	3,940.82
11/4/2006 16:00						15	223	1,993		24.26	3.88	3,965.08
11/4/2006 20:00						15	227	1,985		24.37	3.90	3,989.46
11/5/2006 4:00						15	220	1,970		48.14	7.71	4,037.60
11/5/2006 8:00						15	227	1,956		23.89	3.82	4,061.49
11/5/2006 12:00						15	232	1,934		24.31	3.89	4,085.80
11/5/2006 16:00						15	229	1,942		24.33	3.89	4,110.13
11/5/2006 20:00						15	225	1,961		24.13	3.86	4,134.25
11/6/2006 4:00						15	219	1,936		47.12	7.54	4,181.37
11/6/2006 8:00						15	227	1,902		23.31	3.73	4,204.67
11/6/2006 14:00						23	56	1,316		18.60	2.98	4,223.27

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM	I PARAMETERS				
TIMF	Well # E-1	Well # E-2	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydı (us	rocarbon Reco sing Horiba Dat	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/6/2006 14:30						23	50	1,295		0.47	0.08	4,223.74
11/6/2006 15:00						22	64	1,270		0.50	0.08	4,224.24
11/6/2006 15:30						22	64	1,198		0.54	0.09	4,224.78
11/6/2006 16:00						22	60	1,242		0.51	0.08	4,225.29
11/6/2006 16:30						22	63	1,256		0.52	0.08	4,225.81
11/6/2006 17:00						22	65	1,236		0.54	0.09	4,226.36
11/6/2006 17:30						22	65	1,191		0.54	0.09	4,226.89
11/6/2006 18:00						18	75	1,587		0.66	0.11	4,227.56
11/6/2006 18:30						18	77	1,595		0.82	0.13	4,228.38
11/6/2006 19:00						18	76	1,575		0.83	0.13	4,229.20
11/6/2006 19:30						18	76	1,568		0.81	0.13	4,230.02
11/6/2006 20:00						18	78	1,543		0.82	0.13	4,230.83
11/6/2006 20:30						18	77	1,511		0.81	0.13	4,231.64
11/6/2006 21:00						18	75	1,500		0.78	0.12	4,232.42
11/6/2006 21:30						18	76	1,492		0.77	0.12	4,233.19
11/6/2006 22:00	T					25	24	1,610		0.53	0.08	4,233.71
11/6/2006 22:30	 		_			25	25	1,565		0.26	0.04	4,233.98
11/6/2006 23:00						25	26	1,527		0.27	0.04	4,234.25
11/6/2006 23:30						25	24	1,493		0.26	0.04	4,234.50
11/7/2006 0:00	1					25	23	1,479		0.24	0.04	4,234.74
11/7/2006 0:30	T					25	25	1,446		0.24	0.04	4,234.98
11/7/2006 1.00						25	25	1,418		0.24	0.04	4,235.23
11/7/2006 1:30	T					25	24	1,399		0.23	0.04	4,235.46
11/7/2006 2:00	1	1				25	23	1,376		0.22	0.04	4,235.68
11/7/2006 11:00	1					18	75	1,546		8.77	1.40	4,244.45
11/7/2006 11:30	1			1		18	77	1,554	ļ	0.80	0.13	4,245.26
11/7/2006 12:00	1					18	74	1,539	<u> </u>	0.79	0.13	4,246.05

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM	I PARAMETERS				
TIME	Well # E-1	Well # E-2	Well # E-3	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydı (us	rocarbon Reco	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/7/2006 12:30						18	75	1,542		0.78	0.13	4,246.83
11/7/2006 13:00						18	78	1,536		0.80	0.13	4,247.63
11/7/2006 13:30						18	76	1,522		0.80	0.13	4,248.44
11/7/2006 14:00						18	78	1,519		0.80	0.13	4,249.23
11/7/2006 14:30						18	75	1,525		0.79	0.13	4,250.02
11/7/2006 15:00						18	74	1,516		0.77	0.12	4,250.80
11/8/2006 2:00						15	221	1,846		37.13	5.94	4,287.93
11/8/2006 8:00						15	217	1,834		32.92	5.27	4,320.85
11/8/2006 12:00						15	215	1,838		21.60	3.46	4,342.45
11/8/2006 16:00						15	219	1,825		21.64	3.46	4,364.09
11/8/2006 20:00						15	218	1,820		21.69	3.47	4,385.78
11/9/2006 4:00						15	215	1,810		42.80	6.85	4,428.58
11/9/2006 8:00	T					15	210	1,817		20.99	3.36	4,449.56
11/9/2006 12:00						15	212	1,789		20.72	3.32	4,470.28
11/9/2006 16:00						15	214	1,793		20.78	3.33	4,491.06
11/9/2006 20:00						15	215	1,765		20.78	3.33	4,511.84
11/10/2006 4:00						15	211	1,773]	41.04	6.57	4,552.88
11/10/2006 8:00						15	213	1,760	ļ]	20.40	3.26	4,573.27
11/10/2006 12:00						15	210	1,767	ļ	20.31	3.25	4,593.59
11/10/2006 16:00						15	212	1,751		20.21	3.24	4,613.80
11/10/2006 20:00						15	215	1,758	ļ	20.40	3.27	4,634.20
11/11/2006 4:00						15	214	1,762		41.12	6.58	4,675.32
11/11/2006 8:00						15	210	1,751		20.28	3.25	4,695.60
11/11/2006 12:00						15	211	1,764		20.15	3.22	4,715.75
11/11/2006 16:00	1					15	214	1,756		20.37	3.26	4,736.11
11/11/2006 20:00	1					15	212	1,759		20.39	3.26	4,756.50
11/12/2006 4:00						15	210	1,752		40.35	6.46	4,796.85

Extraction Extraction Extraction Extraction							SYSTE	M PARAMETERS				
TIME	Well # E-1	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydi (us	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul: lbs)
11/12/2006 8:00						15	213	1,745		20.14	3.22	4,816.99
11/12/2006 12:00						15	215	1,747		20.35	3.26	4,837.34
11/12/2006 16:00						15	214	1,751		20.43	3.27	4,857.77
11/12/2006 20:00						15	210	1,743		20.17	3.23	4,877.94
11/13/2006 4:00						15	214	1,732		40.12	6.42	4,918.06
11/13/2006 8:00						15	212	1,727		20.06	3.21	4,938.12
11/13/2006 12:00						15	211	1,721		19.86	3.18	4,957.98
11/13/2006 16:00						15	215	1,716		19.93	3.19	4,977.91
11/13/2006 20:00	_					15	212	1,724		20.00	3.20	4,997.91
11/14/2006 4:00						15	212	1,710		39.65	6.35	5,037.56
11/14/2006 8:00						15	210	1,698		19.58	3.13	5,057.14
11/14/2006 12:00						15	211	1,693		19.44	3.11	5,076.58
11/14/2006 16:00						15	211	1,697		19.48	3.12	5,096.05
11/14/2006 20:00						15	214	1,704		19.68	3.15	5,115.73
11/15/2006 4:00						15	215	1,686		39.60	6.34	5,155.33
11/15/2006 8:00						15	211	1,691		19.59	3.14	5,174.92
11/15/2006 12:00						15	210	1,683		19.34	3.10	5,194.26
11/15/2006 16:00						15	212	1,679		19.32	3.09	5,213.58
11/15/2006 20:00						15	214	1,675		19.45	3.11	5,233.03
11/16/2006 4:00					<u> </u>	15	213	1,670		38.89	6.23	5,271.92
11/16/2006 8:00					<u> </u>	15	216	1,667		19.49	3.12	5,291.41
11/16/2006 12:00						15	214	1,659		19.47	3.12	5,310.88
11/16/2006 16:00						15	210	1,651		19.11	3.06	5,329.99
11/16/2006 20:00						15	212	1,660		19.02	3.04	5,349.02
11/17/2006 4:00	1					15	210	1,646		37.99	6.08	5,387.00
11/17/2006 8:00	1					15	211	1,632	ļ	18.79	3.01	5,405.79
11/17/2006 12:00						15	213	1,621		18.78	3.01	5,424.57

		Column High-	Extraction	Extraction	Extraction		SYSTEM	I PARAMETERS				
TIME	Extraction Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	ocarbon Recov	/ery a)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(Ibs)	(gai)	(Cumui, ids)
11/17/2006 16:00						15	212	1,638		18.86	3.02	5,443.43
11/17/2006 20:00						15	215	1,629		18.99	3.04	5,462.42
11/18/2006 4:00						15	210	1,624		37.65	6.03	5,500.07
11/18/2006 8:00						15	211	1,614		18.56	2.97	5,518.63
11/18/2006 12:00						15	214	1,620		18.71	3.00	5,537.34
11/18/2006 16:00						15	215	1,624		18.95	3.03	5,556.29
11/18/2006 20:00						15	213	1,616	ļ I	18.88	3.02	5,575.17
11/19/2006 4:00						15	213	1,607	 	37.39	5.98	5,612.56
11/19/2006 8:00						15	210	1,610		18.53	2.97	5,631.08
11/19/2006 12:00						15	212	1,589		18.38	2.94	5,649.46
11/19/2006 16:00						15	214	1,607	ļ	18.54	2.97	5,668.00
11/19/2006 20:00						15	210	1,596	<u> </u>	18.49	2.96	5,686.49
11/20/2006 4.00						15	211	1,602	<u> </u>	36.66	5.87	5,723.15
11/20/2006 8:00						15	215	1,587	<u> </u>	18.50	2.96	5,741.65
11/20/2006 12:00						15	210	1,581		18.33	2.93	5,759.98
11/20/2006 16:00						15	213	1,576		18.18	2.91	5,778.16
11/20/2006 20:00						15	214	1,582		18.36	2.94	5,796.52
11/21/2006 4:00	1					15	211	1,579		36.58	5.86	5,833.10
11/21/2006 8:00	1					15	210	1,574		18.07	2.89	5,851.18
11/21/2006 12:00		1				15	211	1,566		18.00	2.88	5,869.17
11/21/2006 16:00	-					15	213	1,575		18.13	2.90	5,887.31
11/21/2006 20:00	1					15	209	1,572		18.08	2.89	5,905.39
11/22/2006 4:00	1	***				15	210	1,577		35.93	5.75	5,941.31
11/22/2006 8:00		+	1	1		15	215	1,563		18.17	2.91	5,959.48
11/22/2000 0.00	,	+			1	15	212	1,560		18.16	2.91	5,977.64
11/22/2000 12:00	<u>,</u>	+	-		1	15	211	1,566		18.00	2.88	5,995.64
11/22/2006 20:00	, ,					15	214	1,561		18.09	2.90	6,013.74

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEN	/ PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydi (us (lbs)	rocarbon Reco sing Horiba Dal	very ta) (Cumul.lbs)
	Depth)	Depth)	Depth)	Deptn)	Deptn)		(aciiii) 24.4	1 550		36.35	5.82	6 050 09
11/23/2006 4:00	 				L	10	214	1,000		18.00	2 00	6.068.18
11/23/2006 8:00	┞				ļ	15	213	1,004		18.14	2.00	6 086 32
11/23/2006 12:00	ļ					15	215	1,559		19.02	2.30	6 104 55
11/23/2006 16:00	ļ					15	214	1,562		17.04	2.92	6 122 /8
11/23/2006 20:00					L	15	210	1,545		05.55	Z.01	6 159 02
11/24/2006 4:00	ļ					15	214	1,534		35.55	5.69	0,100.03
11/24/2006 8:00						15	211	1,541	L	17.79	2.85	0,175.83
11/24/2006 12:00				ļ		15	209	1,539		17.61	2.82	6,193.44
11/24/2006 16:00				ļ		15	209	1,535		17.49	2.80	6,210.93
11/24/2006 20:00						15	212	1,540		17.63	2.82	6,228.56
11/25/2006 4:00						15	211	1,531		35.37	5.66	6,263.93
11/25/2006 8:00						15	215	1,529		17.75	2.84	6,281.68
11/25/2006 12:00						15	210	1,524		17.67	2.83	6,299.34
11/25/2006 16:00						15	212	1,520		17.49	2.80	6,316.83
11/25/2006 20:00						15	213	1,517		17.57	2.81	6,334.41
11/26/2006 4:00						15	211	1,510		34.95	5.59	6,369.36
11/26/2006 8:00						15	213	1,492		17.33	2.77	6,386.69
11/26/2006 12:00						15	214	1,514		17.48	2.80	6,404.16
11/26/2006 16:00	1	1		1		15	211	1,518		17.54	2.81	6,421.71
11/26/2006 20:00	1					15	215	1,509		17.56	2.81	6,439.26
11/27/2006 4:00	†	+	+ ····			15	213	1,495		35.01	5.60	6,474.27
11/27/2006 9:00	+	1		1		15	215	1,482		17.35	2.78	6,491.62
11/27/2000 42:00	1	+		1	1	15	212	1,486		17.25	2.76	6,508.87
11/2//2000 12:00	· †	+	+	1		15	212	1.479		17.12	2.74	6,525.99
11/27/2006 16:00	·	+	+	+	+	15	214	1.472		17.12	2.74	6,543.11
11/2//2006 20:00	·	+	+	+	+	15	215	1 485	1	34.54	5.53	6,577.65
11/28/2006 4:00	+		<u> </u>	+	+	10	210	1 474		17 28	2 77	6 594 93
11/28/2006 8:00	1	<u> </u>		<u> </u>	1	<u> </u>	214	1,4/4		17.20	<u> </u>	0,007.00

	F 34	Extraction	Extraction	Extraction	Extraction	SYSTEM PARAMETERS						A State Stat
TIME	Extraction Well # E-1	Well # E-2	Well # E-3	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	ocarbon Recov ing Horiba Data	ery 1)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/28/2006 12:00						15	212	1,472		17.09	2.73	6,612.02
11/28/2006 16:00						15	213	1,473		17.04	2.73	6,629.06
11/28/2006 20:00						15	214	1,483		17.19	2.75	6,646.24
11/29/2006 4.00						15	213	1,486		34.52	5.53	6,680.77
11/29/2006 8:00						15	213	1,484		17.23	2.76	6,697.99
11/29/2006 12:00						15	211	1,485		17.14	2.74	6,715.13
11/29/2006 16:00						15	215	1,480		17.20	2.75	6,732.33
11/29/2006 20:00						15	214	1,477		17.27	2.76	6,749.60
11/30/2006 4.00						15	214	1,483		34.50	5.52	6,784.10
11/30/2006 8:00						15	215	1,479		17.30	2.77	6,801.40
11/30/2006 12:00						15	212	1,477		17.19	2.75	6,818.58
11/30/2006 16:00						15	213	1,469		17.05	2.73	6,835.63
11/30/2006 20:00						15	213	1,472		17.06	2.73	6,852.69
12/1/2006 4.00	1			1		15	212	1,471		34.06	5.45	6,886.75
12/1/2006 8:00		1				15	214	1,473		17.08	2.73	6,903.82
12/1/2006 12:00						15	213	1,470		17.11	2.74	6,920.93
12/1/2006 16:00	1		1			15	215	1,472		17.14	2.74	6,938.07
12/1/2006 20:00				T		15	210	1,469		17.02	2.72	6,955.09
12/2/2006 4:00	1					15	212	1,479		33.88	5.42	6,988.97
12/2/2006 8:00						15	216	1,475		17.21	2.76	7,006.18
12/2/2006 12:00	1					15	208	1,471		17.01	2.72	7,023.19
12/2/2006 16:00	1	-	1	1		15	214	1,469		16.89	2.70	7,040.08
12/2/2006 20:00	†		1			15	217	1,467		17.23	2.76	7,057.31
12/3/2006 4:00	1	+	1	1		15	221	1,483		35.18	5.63	7,092.49
12/3/2000 4.00	 	1	+		1	15	218	1,481		17.72	2.84	7,110.21
12/3/2006 12:00	1	+	1		1	15	220	1,479		17.65	2.83	7,127.86
12/3/2006 16:00	+	†	<u> </u>			15	217	1,476		17.58	2.81	7,145.44

		1	Extraction	Extraction	Extraction		SYSTE	VI PARAMETERS				
	Extraction Well # E-1	Well # E-2	Well # E-3	Well # E-6	Well # MW-1	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	ocarbon Reco ing Horiba Da	very ta)
	(Stinger Depth)	(Sunger Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
12/3/2006 20:00						15	210	1,471		17.13	2.74	7,162.57
12/4/2006 4:00						15	219	1,477		34.44	5.51	7,197.01
12/4/2006 8:00						15	217	1,475		17.52	2.80	7,214.53
12/4/2006 12:00						15	215	1,472		17.33	2.77	7,231.87
12/4/2006 16:00						15	210	1,469		17.02	2.72	7,248.88
12/4/2006 20:00						15	212	1,456		16.81	2.69	7,265.69
12/5/2006 4:00						15	208	1,470		33.46	5.36	7,299.15
12/5/2006 8:00						15	216	1,467		16.95	2.71	7,316.11
12/5/2006 12:00						15	210	1,463		16.99	2.72	7,333.10
12/5/2006 16:00						15	219	1,460		17.07	2.73	7,350.18
12/5/2006 20:00						15	215	1,461		17.26	2.76	7,367.44
12/6/2006 4:00					·	15	212	1,475		34.14	5.46	7,401.57
12/6/2006 8:00						15	223	1,473		17.46	2.79	7,419.03
12/6/2006 12:00						15	219	1,473		17.73	2.84	7,436.76
12/6/2006 16:00						15	213	1,469		17.30	2.77	7,454.06
12/6/2006 20:00						15	210	1,466		16.90	2.71	7,470.97
12/7/2006 4:00						15	220	1,476		34.45	5.51	7,505.42
12/7/2006 8:00						15	210	1,472		17.26	2.76	7,522.67
12/7/2006 12:00						15	216	1,469	 	17.06	2.73	7,539.73
12/7/2006 16:00						15	220	1,469		17.44	2.79	7,557.17
12/7/2006 20:00						15	214	1,465	<u> </u>	17.34	2.77	7,574.51
12/8/2006 4:00						15	219	1,474		34.65	5.55	7,609.16
12/8/2006 8:00						15	213	1,471		17.32	2.77	7,626.48
12/8/2006 12:00						15	217	1,468		17.21	2.75	7,643.69
12/8/2006 16:00						15	220	1,465		17.45	2.79	7,661.14
12/8/2006 20:00						15	212	1,463		17.22	2.76	7,678.36
12/9/2006 4:00						15	225	1,475		34.96	5.60	7,713.32

	Evinantian	Extraction	Extraction	Extraction	Extraction		SYSTEM	/ PARAMETERS					
TIME	Well # E-1	Well # E-2	Well # E-3	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	rocarbon Recoving Horiba Dat	very a)	
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
12/9/2006 8:00					-	15	221	1,473		17.90	2.87	7,731.22	
12/9/2006 12:00						15	226	1,471		17.92	2.87	7,749.14	
12/9/2006 16:00						15	220	1,469		17.85	2.86	7,766.99	
12/9/2006 20:00						15	219	1,466		17.54	2.81	7,784.54	
12/10/2006 4:00						15	212	1,477	L	34.54	5.53	7,819.07	
12/10/2006 8:00						15	210	1,475		16.96	2.71	7,836.04	
12/10/2006 12:00			۱ <u> </u>			15	216	1,472	L	17.09	2.74	7,853.13	
12/10/2006 16:00						15	214	1,467		17.21	2.75	7,870.33	
12/10/2006 20:00						15	217	1,464	L	17.20	2.75	7,887.53	
12/11/2006 4:00						15	220	1,474		34.96	5.60	7,922.49	
12/11/2006 8:00						15	225	1,473		17.85	2.86	7,940.35	
12/11/2006 12:00						15	222	1,470	 	17.91	2.87	7,958.26	
12/11/2006 16:00						15	215	1,468		17.48	2.80	7,975.74	
12/11/2006 20:00						15	210	1,463		16.96	2.71	7,992.70	
12/12/2006 4:00						15	219	1,468		34.24	5.48	8,026.94	
12/12/2006 8:00						15	225	1,464		17.72	2.84	8,044.66	
12/12/2006 12.00						15	217	1,459	L	17.59	2.82	8,062.25	
12/12/2006 16:00	1					15	210	1,456		16.95	2.71	8,079.20	
12/12/2006 20:00	1					15	210	1,450		16.62	2.66	8,095.82	
12/13/2006 4.00	1					15	230	1,452		34.77	5.57	8,130.59	
12/13/2006 8:00	1					15	225	1,449		17.97	2.88	8,148.56	
12/13/2006 12:00	1					15	223	1,444		17.65	2.82	8,166.20	
12/13/2006 16:00	1					15	220	1,440		17.39	2.78	8,183.60	
12/13/2006 20:00	1					15	210	1,434		16.83	2.69	8,200.42	
12/14/2006 4:00	1					15	219	1,436		33.53	5.37	8,233.95	
12/14/2006 8:00		-	1			15	217	1,431		17.02	2.72	8,250.97	
12/14/2006 12:00	·					15	215	1,427		16.81	2.69	8,267.78	

Table 3

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS						
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyo (u	Irocarbon Reco Ising Horiba Da	very ita)		
· · · · · · · · · · · · · · · · · · ·	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)		
12/14/2006 16:00						15	220	1,425		16.89	2.70	8,284.67		
12/14/2006 20:00						15	210	1,419		16.65	2.67	8,301.32		
12/15/2006 4:00						15	220	1,421		33.25	5.32	8,334.57		
12/15/2006 8:00		ļ!		ļ!		15	215	1,416		16.80	2.69	8,351.38		
12/15/2006 12:00						15	225	1,405		16.90	2.70	8,368.28		
12/15/2006 16:00						15	219	1,397		16.94	2.71	8,385.21		
12/15/2006 20:00						15	219	1,391		16.63	2.66	8,401.84		
12/16/2006 4:00						15	221	1,399		33.43	5.35	8,435.27		
12/16/2006 8:00						15	220	1,397		16.79	2.69	8,452.05		
12/16/2006 12:00			l			15	217	1,390		16.58	2.65	8,468.64		
12/16/2006 16:00						15	219	1,385		16.47	2.64	8,485.11		
12/16/2006 20:00						15	215	1,382		16.35	2.62	8,501.46		
12/17/2006 4:00						15	210	1,384		32.01	5.12	8,533.47		
12/17/2006 8:00						15	212	1,380		15.88	2.54	8,549.35		
12/17/2006 12:00						15	217	1,378		16.11	2.58	8,565.46		
12/17/2006 16:00				ļ!		15	_220	1,373		16.37	2.62	8,581.83		
12/17/2006 20:00						15	215	1,365		16.22	2.60	8,598.04		
12/18/2006 4:00						15	210	1,368		31.63	5.06	8,629.67		
12/18/2006 8:00						15	205	1,365		15.44	2.47	8,645.11		
12/18/2006 12:00						15	200	1,359		15.02	2.40	8,660.13		
12/18/2006 16:00			L			15	220	1,345		15.46	2.47	8,675.60		
12/18/2006 20:00						15	215	1,339		15.90	2.54	8,691.49		
12/19/2006 4:00						15	220	1,341		31.74	5.08	8,723.24		
12/19/2006 8:00						15	210	1,336		15.67	2.51	8,738.91		
12/19/2006 12:00						15	215	1,330		15.43	2.47	8,754.34		
12/19/2006 16:00						15	225	1,326		15.91	2.55	8,770.25		
12/19/2006 20:00						15	209	1,322		15.65	2.50	8,785.89		

Table 3

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS					
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Hydrocarbon Recovery (using Horiba Data)		
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)	
12/20/2006 4:00			·			15	200	1,319		29.41	4.71	8,815.31	
12/20/2006 8:00						15	220	1,313		15.05	2.41	8,830.36	
12/20/2006 12:00						15	225	1,302		15.84	2.54	8,846.20	
12/20/2006 16:00						15	210	1,297		15.39	2.46	8,861.59	
12/20/2006 20:00						15	215	1,294		14.99	2.40	8,876.59	
12/21/2006 4:00						15	205	1,288		29.53	4.73	8,906.11	
12/21/2006 8:00						15	205	1,279		14.33	2.29	8,920.44	
12/21/2006 12:00						15	210	1,274		14.43	2.31	8,934.87	
12/21/2006 18:00						15	_200	1,270		0.00	0.00	8,934.87	
12/21/2006 20:00						15	215	1,269		7.17	1.15	8,942.04	
12/22/2006 4:00						15	210	1,269		29.37	4.70	8,971.41	
12/22/2006 8:00						15	205	1,260		14.29	2.29	8,985.70	
12/22/2006 12:00		j 				15	200	1,256		13.87	2.22	8,999.58	
12/22/2006 16:00						15	220	1,247		14.31	2.29	9,013.89	
12/22/2006 20:00						15	215	1,243		14.75	2.36	9,028.64	
12/23/2006 4:00						15	230	1,245		30.15	4.83	9,058.78	
12/23/2006 8:00						15	215	1,239		15.05	2.41	9,073.83	
12/23/2006 12:00						15	225	1,233		14.81	2.37	9,088.64	
12/23/2006 16:00						15	210	1,227		<u>14.</u> 57	2.33	9,103.21	
12/23/2006 20:00						15	220	1,218		14.31	2.29	9,117.53	
12/24/2006 4:00						15	210	1,208		28.41	4.55	9,145.93	
12/24/2006 8:00						15	200	1,201		13.45	2.15	9,159.38	
12/24/2006 12:00						15	220	1,193		13.69	<u>2.</u> 19	9,173.07	
12/24/2006 16:00						15	225	1,189		14.43	2.31	9,187.50	
12/24/2006 20:00						15	215	1,180		14.19	2.27	9,201.69	
12/25/2006 4:00						15	215	1,182		27.66	4.43	9,229.35	
12/25/2006 8:00						15	230	1,177		14.29	2.29	9,243.64	

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS					
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent ¹ Concentrations	Hyd (u	Hydrocarbon Recovery (using Horiba Data)		
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
12/25/2006 12:00						15	220	1,169		14.37	2.30	9,258.02	
12/25/2006 16:00						15	210	1,151		13.58	2.17	9,271.60	
12/25/2006 20:00						15	200	1,148		12.83	2.05	9,284.43	
12/26/2006 4:00						15	205	1,145		25.29	4.05	9,309.72	
12/26/2006 8:00						15	210	1,139		12.91	2.07	9,322.62	
12/26/2006 12:00						15	240	1,132		13.91	2.23	9,336.54	
12/26/2006 16:00						15	215	1,127		13.99	2.24	9,350.53	
12/26/2006 20:00						15	230	1,119		13.61	2.18	9,364.14	
12/27/2006 4:00						15	215	1,122		27.15	4.35	9,391.29	
12/27/2006 8:00						15	200	1,117		12.65	2.02	9,403.94	
12/27/2006 12:00			·			15	220	1,112		12.75	2.04	9,416.69	
12/27/2006 16:00						15	205	1,105		12.83	2.05	9,429.52	
12/27/2006 20:00						15	210	1,099		12.45	1.99	9,441.97	
12/28/2006 4:00						15	220	1,095		25.69	4.11	9,467.66	
12/28/2006 8:00						15	205	1,087		12.63	2.02	9,480.29	
12/28/2006 12:00						15	230	1,081		12.84	2.06	9,493.13	
12/28/2006 16:00						15	215	1,069		13.03	2.09	9,506.15	
12/28/2006 20:00						15	210	1,063		12.34	1.97	9,518.49	
12/29/2006 4:00						15	210	1,061		24.29	3.89	9,542.78	
12/29/2006 8:00						15	225	1,058		12.55	2.01	9,555.33	
12/29/2006 12:00						15	220	1,053		12.79	2.05	9,568.12	
12/29/2006 16:00						15	215	1,047		12.44	1.99	9,580.56	
12/29/2006 20:00						15	230	1,039		12.64	2.02	9,593.20	
12/30/2006 4:00						15	210	1,036		24.86	3.98	9,618.06	
12/30/2006 8:00						15	225	1,029		12.23	1.96	9,630.29	
12/30/2006 12:00						15	220	1,020		12.41	1.99	9,642.70	
12/30/2006 16:00						15	230	1,014		12.46	1.99	9,655.16	

Table 3 HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data) California Linen, Oakland, CA

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				1. 1. 1.	
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (us	Hydrocarbon Recovery (using Horiba Data)		
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
12/30/2006 20:00						15	215	1,006		12.24	1.96	9,667.40	
12/31/2006 4:00						15	225	1,002		24.06	3.85	9,691.46	
12/31/2006 8:00						15	210	995		11.83	1.89	9,703.29	
12/31/2006 12:00						15	220	987		11.60	1.86	9,714.89	
12/31/2006 16:00						15	215	980		11.65	1.86	9,726.54	
12/31/2006 20:00						15	200	977		11.06	1.77	9,737.60	
1/1/2007 4:00						15	230	974		22.84	3.66	9,760.44	
1/1/2007 8:00						15	210	970		11.65	1.86	9,772.09	
1/1/2007 12:00						15	215	967		11.21	1.79	9,783.30	
1/1/2007 16:00						15	200	962		10.90	1.74	9,794.20	
1/1/2007 20:00						15	220	959		10.98	1.76	9,805.18	
1/2/2007 4:00						15	205	957		22.17	3.55	9,827.35	
1/2/2007 8:00		1				15	220	951		11.04	1.77	9,838.39	
1/2/2007 12:00						15	210	948		11.12	1.78	9,849.51	
1/2/2007 16:00						15	215	943		10.94	1.75	9,860.45	
1/2/2007 20:00						15	225	939		11.27	1.80	9,871.73	
1/3/2007 4:00						15	230	936		23.23	3.72	9,894.96	
1/3/2007 8:00						15	210	933		11.20	1.79	9,906.16	
1/3/2007 12:00						15	200	929		10.39	1.66	9,916.55	
1/3/2007 16:00						15	220	926		10.61	1.70	9,927.16	
1/3/2007 20:00						15	215	920		10.93	1.75	9,938.09	
1/4/2007 4:00						15	200	918		20.77	3.32	9,958.86	
1/4/2007 8:00						15	230	916		10.74	1.72	9,969.60	
1/4/2007 12:00						15	210	912		10.95	1.75	9,980.55	
1/4/2007 16:00					ļ	15	215	909		10.54	1.69	9,991.08	
1/4/2007 20:00						15	220	901		10.72	1.72	10,001.80	
1/5/2007 4:00						15	200	899		20.59	3.30	10,022.39	

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	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS							
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)			
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)			
1/5/2007 8:00						15	220	894		10.25	1.64	10,032.64			
1/5/2007 12:00						15	230	890		10.93	1.75	10,043.57			
1/5/2007 16:00						15	210	887		10.65	1.70	10,054.22			
1/5/2007 20:00						15	225	880		10.47	1.68	10,064.68			
1/6/2007 4:00						15	_230	879		21.79	3.49	10,086.48			
1/6/2007 8:00						15	210	873		10.50	1.68	10,096.97			
1/6/2007 12:00						15	_225	870		10.32	1.65	10,107.30			
1/6/2007 16:00						15	215	867		10.41	1.67	10,117.70			
1/6/2007 20:00						15	205	865		9.90	1.59	10,127.61			
1/7/2007 4:00					l 	15	200	863		19.06	3.05	10,146.66			
1/7/2007 8:00						15	220	860		9.85	1.58	10,156.51			
1/7/2007 12:00						15	210	857		10.05	1.61	10,166.57			
1/7/2007 16:00						15	230	851		10.23 ·	1.64	10,176.80			
1/7/2007 20:00						15	215	847		10.29	1.65	10,187.09			
1/8/2007 4:00						15	215	845		19.81	3.17	10,206.90			
1/8/2007 8:00						15	230	841		10.21	1.64	10,217.11			
1/8/2007 12:00						15	210	837		10.05	1.61	10,227.17			
1/8/2007 16:00						15	220	831		9.77	1.56	10,236.93			
1/8/2007 20:00						15	200	826		9.48	1.52	10,246.41			
1/9/2007 4:00						15	210	823		18.41	2.95	10,264.82			
1/9/2007 8:00						15	200	819		9.17	1.47	10,273.98			
1/9/2007 12:00						15	215	814		9.23	1.48	10,283.21			
1/9/2007 16:00						15	230	811		9.85	1.58	10,293.05			
1/9/2007 20:00						15	220	807		9.91	1.59	10,302.97			
1/10/2007 4:00						15	205	805		18.66	2.99	10,321.62			
1/10/2007 8:00						15	220	801		9.29	1.49	10,330.91			
1/10/2007 12:00						15	210	797		9.36	1.50	10,340.27			

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS					
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Dat	very ta)	
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)	
1/10/2007 16:00						15	200	794		8.88	1.42	10,349.15	
1/10/2007 20:00						15	230	790		9.27	1.48	10,358.42	
1/11/2007 4:00						15	200	846		19.16	3.07	10,377.58	
1/11/2007 8:00						15	210	844		9.43	1.51	10,387.01	
1/11/2007 12:00						15	205	840		9.51	1.52	10,396.53	
1/11/2007 16:00						15	220	836	<u></u>	9.70	1.55	10,406.23	
1/11/2007 20:00						15	230	831		10.21	1.63	10,416.44	
1/12/2007 4:00						15	225	829		20.57	3.29	10,437.01	
1/12/2007 8:00						15	215	823		9.90	1.58	10,446.90	
1/12/2007 12:00						15	210	819		9.50	1.52	10,456.41	
1/12/2007 16:00						15	200	817		9.13	1.46	10,465.54	
1/12/2007 20:00						15	220	812		9.32	1.49	10,474.85	
1/13/2007 4:00	······		· .			15	200	810		18.55	2.97	10,493.40	
1/13/2007 8:00						15	220	807		9.25	1.48	10,502.65	
1/13/2007 12:00						15	205	805		9.33	1.49	10,511.98	
1/13/2007 16:00	· · · · · · · · · · · · · · · · · · ·					15	230	796		9 <u>.4</u> 8	1.52	10,521.46	
1/13/2007 20:00						15	210	794		9.53	1.52	10,530.98	
1/14/2007 4:00						15	210	792		18.14	2.90	10,549.12	
1/14/2007 8:00						15	214	790		9.13	1.46	10,558.25	
1/14/2007 12:00						15	220	787		9.32	1.49	10,567.57	
1/14/2007 16:00						15	218	789		9.40	1.50	10,576.97	
1/14/2007 20:00						15	218	786		9.35	1.50	10,586.32	
1/15/2007 4:00						15	216	783		18.54	2.97	10,604.86	
1/15/2007 8:00						15	220	780		9.28	1.49	10,614.14	
1/15/2007 12:00						15	212	776		9.15	1.46	10,623.29	
1/15/2007 16:00						15	208	773		8.86	1.42	10,632.15	
1/15/2007 20:00						15	218	770		8.95	1.43	10,641.10	
	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM	/ PARAMETERS					
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TIME	# E-1	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	rocarbon Reco	very a)	
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)	
1/16/2007 4:00						15	214	765	·	18.06	2.89	10,659.16	
1/16/2007 8:00						15	210	760		8.80	1.41	10,667.96	
1/16/2007 12:00						15	214	757		8.76	1.40	10,676.72	
1/16/2007 16:00						15	216	753		8.84	1.42	10,685.56	
1/16/2007 20:00						15	218	751	l	8.89	1.42	10,694.44	
1/17/2007 4:00						15	210	748		17.47	2.80	10,711.91	
1/17/2007 8:00						15	216	746	L	8.67	1.39	10,720.58	
1/17/2007 12:00						15	214	740	L	8.70	1.39	10,729.28	
1/17/2007 16:00						15	220	737	└─── │	8.73	1.40	10,738.01	
1/17/2007 20:00						15	216	732	ļļ	8.72	1.40	10,746.73	
1/18/2007 4:00						15	214	726	<u> </u>	17.07	2.73	10,763.80	
1/18/2007 8:00						15	220	720	L	8.54	1.37	10,772.34	
1/18/2007 12:00						15	212	712		8.42	1.35	10,780.77	
1/18/2007 16:00						15	218	707	ļļ	8.31	1.33	10,789.07	
1/18/2007 20:00						15	214	698	 	8.26	1.32	10,797.34	
1/19/2007 4:00						15	210	693		16.06	2.57	10,813.40	
1/19/2007 8:00						15	216	684	_	7.99	1.28	10,821.38	
1/19/2007 12:00						15	214	672	ļ]	7.94	1.27	10,829.32	
1/19/2007 16:00						15	210	664		7.71	1.23	10,837.03	
1/19/2007 20:00						15	218	660	ļl	7.72	1.23	10,844.75	
1/20/2007 4:00						15	210	654		15.31	2.45	10,860.06	
1/20/2007 8:00						15	216	652		7.57	1.21	10,867.64	
1/20/2007 12:00						15	212	646		7.56	1.21	10,875.20	
1/20/2007 16:00						15	218	642		7.54	1.21	10,882.74	
1/20/2007 20:00						15	216	635		7.55	1.21	10,890.29	
1/21/2007 4:00						15	206	628		14.51	2.32	10,904.80	
1/21/2007 8:00						15	208	604		6.94	1.11	10,911.75	

		Eiden -fir -	Extraction	Extraction	Extraction		SYSTEM	V PARAMETERS				
TIME	Extraction Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	ing Horiba Dat	/ery a)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(IDS)	(gai)	
1/21/2007 12:00						15	208	596		6.80	1.09	10,918.54
1/21/2007 16:00						15	212	592		6.79	1.09	10,925.34
1/21/2007 20:00						15	214	590		6.86	1.10	10,932.19
1/22/2007 4:00						15	205	582		13.37	2.14	10,945.56
1/22/2007 8:00						15	213	540		6.39	1.02	10,951.95
1/22/2007 12:00						15	211	579		6.46	1.03	10,958.41
1/22/2007 16:00						15	215	565		6.64	1.06	10,965.04
1/22/2007 20:00						15	213	571		6.62	1.06	10,971.66
1/23/2007 4:00						15	210	567		13.11	2.10	10,984.77
1/23/2007 8:00						15	208	564		6.44	1.03	10,991.21
1/23/2007 12:00						15	205	555		6.29	1.01	10,997.50
1/23/2007 16:00						15	206	547		6.17	0.99	11,003.67
1/23/2007 20:00						15	209	542		6.15	0.98	11,009.82
1/24/2007 4:00						15	207	540		12.26	1.96	11,022.08
1/24/2007 8:00						15	209	545		6.15	0.98	11,028.22
1/24/2007 12:00						15	210	541		6.20	0.99	11,034.42
1/24/2007 16:00						15	206	539		6.12	0.98	11,040.53
1/24/2007 20:00						15	208	537		6.06	0.97	11,046.60
1/25/2007 4:00						15	213	534		12.28	1.97	11,058.88
1/25/2007 8:00						15	209	530		6.11	0.98	11,064.99
1/25/2007 12:00						15	209	529		6.03	0.96	11,071.02
1/25/2007 16:00	T					15	210	527		6.02	0.96	11,077.04
1/25/2007 20:00						15	212	524		6.04	0.97	11,083.08
1/26/2007 4:00	-					15	211	524		12.07	1.93	11,095.15
1/26/2007 8:00	1					15	209	525		6.00	0.96	11,101.15
1/26/2007 12:00						15	205	521		5.90	0.94	11,107.04
1/26/2007 16:00						15	210	518		5.87	0.94	11,112.91

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Dal	/ery a)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
1/26/2007 20:00						15	209	515		5.89	0.94	11,118.81
1/27/2007 4:00						15	207	516		11.68	1.87	11,130.49
1/27/2007 8:00			·			15	213	512		5.88	0.94	11,136.37
1/27/2007 12:00						15	215	513		5.97	0.96	11,142.34
1/27/2007 16:00						15	218	510		6.03	0.97	11,148.37
1/27/2007 20:00						15	211	507		5.94	0.95	11,154.31
1/28/2007 4:00					L	15	211	504		11.62	1.86	11,165.93
1/28/2007 8:00						15	207	502		5.73	0.92	11,171.65
1/28/2007 12:00						15	209	497		5.66	0.91	11,177.31
1/28/2007 16:00						15	210	495		5.66	0.91	11,182.97
1/28/2007 20:00						15	212	498		5.71	0.91	11,188.67
1/29/2007 4:00						15	209	496		11. 4 0	1.82	11,200.07
1/29/2007 8:00						15	211	491		5.64	0.90	11,205.71
1/29/2007 12:00						15	213	488		5.65	0.90	11,211.36
1/29/2007 16:00		·				15	210	485		5.60	0.90	11,216.97
1/29/2007 20:00						15	213	487		5.60	0.90	11,222.57
1/30/2007 4:00						15	208	485		11.14	1.78	11,233.71
1/30/2007 8:00						15	210	484		5.51	0.88	11,239.22
1/30/2007 12:00						15	212	483		5.56	0.89	11,244.78
1/30/2007 16:00				<u> </u>	<u> </u>	15	211	485		5.57	0.89	11,250.35
1/30/2007 20:00						15	207	484		5.51	0.88	11,255.87
1/31/2007 4:00						15	213	486		11.09	1.78	11,266.96
1/31/2007 8:00						15	209	485		5.58	0.89	11,272.54
1/31/2007 12:00						15	210	483		5.52	0.88	11,278.06
1/31/2007 16:00				<u> </u>	ļ	15	211	485	ļ	5.55	0.89	11,283.61
1/31/2007 20:00						15	210	483		5.55	0.89	11,289.16
2/1/2007 4:00					<u> </u>	15	216	480		11.17	1.79	11,300.33

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTEM	V PARAMETERS					
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydi (us	very la)		
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)	
2/1/2007 8:00						15	214	479		5.61	0.90	11,305.95	
2/1/2007 12:00						15	213	474		5.54	0.89	11,311.49	
2/1/2007 16:00						15	5 209 476			5.46	0.87	11,316.94	
2/1/2007 20:00						15	205	475		5.36	0.86	11,322.30	
2/2/2007 4:00						15	210	476		10.75	1.72	11,333.05	
2/2/2007 8:00						15 215 471			5.48	0.88	11,338.53		
2/2/2007 12:00						15	204	475		5.40	0.86	11,343.93	
2/2/2007 16:00						15	210	473		5.34	0.86	11,349.27	
2/2/2007 20:00						15	213 470			5.43	0.87	11,354.70	
2/3/2007 4:00						15	211	211 467		10.82	1.73	11,365.52	
2/3/2007 8:00						15	208	464		5.31	0.85	11,370.83	
2/3/2007 12:00						15	211	462		5.28	0.85	11,376.11	
2/3/2007 16:00						15	209	465		5.30	0.85	11,381.41	
2/3/2007 20:00						15	207	464		5.26	0.84	11,386.68	
2/4/2007 4:00						15	210	460		10.49	1.68	11,397.17	
2/4/2007 8:00						15	211	462		5.28	0.85	11,402.45	
2/4/2007 12:00						15	211	463		5.31	0.85	11,407.77	
2/4/2007 16:00						15	214	456		5.32	0.85	11,413.09	
2/4/2007 20:00						15	213	454		5.29	0.85	11,418.38	
2/5/2007 4:00				L	 	15	211	453		10.47	1.68	11,428.85	
2/5/2007 8:00				L		15	209	448		5.15	0.82	11,434.00	
2/5/2007 12:00				L		15	211	447		5.12	0.82	11,439.12	
2/5/2007 16:00					ļ	15	211	446		5.13	0.82	11,444.25	
2/5/2007 20:00				L	L	15 213 445		445		5.14	0.82	11,449.39	
2/6/2007 4:00					ļ	15	211	444		10.26	1.64	11,459.66	
2/6/2007 8:00				ļ		15 208 442		442		5.05	0.81	11,464.71	
2/6/2007 12:00						15 212 441				5.05	0.81	11,469.76	

	Extraction	Extraction	Extraction	Extraction	on Extraction Well		SYSTE	M PARAMETERS		e Na secondaria			
	Well # E-1	Well # E-2	Well # E-3	Well # E-6	Well # MW-1	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydrocarbon Recovery (using Horiba Data)			
TIME	(Stinger Denth)	(Stinger Depth)	(Stinger Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
0/0/0007 40:00	Dopany					15	211	438		5.06	0.81	11,474.82	
2/6/2007 16:00						15	211	436		5.02	0.80	11,479.84	
2/6/2007 20:00						15	211	434		10.00	1.60	11,489.84	
2/7/2007 4:00						15	200	432		4.95	0.79	11,494.79	
2/7/2007 8:00						10	209	421		4.95	0.79	11,499.74	
2/7/2007 12:00						15	212	431		1.00	0.79	11 504 66	
2/7/2007 16:00						15	208	429		4.92	0.78	11 509 53	
2/7/2007 20:00						15	211	426		4.00	0.70	44.540.00	
2/8/2007 4:00						15	214	423		9.83	1.57	11,519.36	
2/8/2007 8:00						15	211	422		4.89	0.78	11,524.25	
2/8/2007 12:00						15	214	421		4.88	0.78	11,529.13	
2/0/2007 12:00	<u> </u>				1								
	l		" <u> </u>		<u></u>			TOTAL HC RECOV	/ERED	11,529.13	1,845.40		
Т						TOTAL GROUNDW	ATER EXTRACTED	-	61,240				

Comments: Manual dilution was not opened during the event.

in of Hg = inches of mercury

gal = gallons lbs = pounds

scfm = standard cubic feet per minute lbs = pounds * Concentrations based on Horiba MEXA 324-JU field organic vapor analyzer, calibrated as hexane

** Inlet flow measured through orifice tube and converted from acfm to reported scfm

Figure 3 Total Inlet HC Concentrations vs Time (120 Days) California Linen, Oakland, CA - 10/12/06-2/8/07







CalClean Inc.

ATTACHMENT 1

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LABORATORY REPORTS



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 183045
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	01/22/2007
	#142			
	Tustin, CA 92780		RECEIVED	01/15/2007
PROJEC	Γ California Linen, Oakland, CA			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 769827 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCHATED LABORATORIES by.

Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 183045 cover, page 1 of 1

Order #: 769827	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 01/14/2007		
Time Sampled: 12:00		

Analyte

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
021B BTEX/MTBE in Air - (Vppm & ug/L)					
Benzene	0.10	1	0.01	Vppm	01/16/07 LT
Ethyl benzene	0.46	1	0.01	Vppm	01/ 16/07 L T
Methyl t - butyl ether	ND	1	0.10	Vppm	01/ 16 /07 L T
Toluene	0.58	1	0.01	Vppm	01/16/07 LT
Xylene (total)	2.0	1	0.03	Vppm	01/16/07 LT
015B - Gasoline in Air - (Vppm & ug/L)			•		· · · · · · · · · · · · · · · · · · ·

—									
Gasoline		1	1061	1	50	Vnnm	01/16/07	ĪТ	
	······································			•		PPIL	01/10/07		

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	LR 183044-826
Matrix:	AIR
Prep. Date :	January 16, 2007
Analysis Date:	January 16, 2007
Lab ID#'s in Batch:	LR 183044, 183045, 183046, 183047, 183059.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	514.95	510.16	0.9
Benzene	8021B	0.60	0.60	0.0
Toluene	8021B	7.90	7.75	1.9
Ethylbenzene	8021B	2.20	2.15	2.3
Xylenes	8021B	4.55	4.50	1.1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209



Time:

Chain of Custody Record

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	CalClean Ir	y ne ^{ic.}	COIU							ł	none	9: (71	4) / /	1-09	• 00 ۱۲	Fax: $(/14)$ 538-1209 (/
Company	3002 Dow, Tustin, CA §	#142 92780	<u> </u>		Phone	(714) 73	4-9137	7							3	3045 Page 1	of I
Project Manager	NOEL S	HEN	DI		Fax	(714) 73	4-9138	1		<u>.</u> Ai	nalvsi	s Rea	ueste	d	••	Test Instructions & Cor	nments
Project Name	IFORN	A I	LINEN		Project	*		6	5						.		
Site Name	AKIAN	D (~ A			,		5	(8)								
Address	11-01110	+						8	TBE								
Sample ID	Lab ID		Date	Time	Matrix	Contain Number/S	er Size Pres.	TPH-0	BTEX/W								
COMBINE	>	1	/14/07	1200	AIR	TEDLA	R NONE	X	x						<u> </u>		
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Received in Good Condi	ition()/N		Samples Accep	oted 🖓 / N	. <u> </u>	D	^{ate:} 1 /15707	Time:	14	20	Date:	Ì	· ·	Time		Date: Time:	
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Date:

15/07

Time: 14:20

Date:

Time:

Date:

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 183452
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	01/29/2007
	#142			ż
	Tustin, CA 92780		RECEIVED	01/23/2007

PROJECT California Linen, Oakland, CA

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 771568 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by.

Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 183452 cover, page 1 of 1

Order #: 771568	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 01/21/2007		
Time Sampled: 20:00		

An	aly	te
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Sampled By:

Analyte	Result	DF	DLR	Units	Date/Ar	naly
BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	0.32	1	0.01	Vppm	01/ 24 /07	Ľ
Ethyl benzene	0.39	1	0.01	Vppm	01/24/07	L
Methyl t - butyl ether	0.64	1	0.10	Vppm	01/ 24 /07	L
Toluene	1.2	1	0.01	Vppm	01/24/07	L
Xylene (total)	1.6	1	0.03	Vppm	01/24/07	Ĺſ

Catalina		· · · · · ·			11		•
Gasoline	981	1	5.0	Vnnm	01/24/07	ĨТ	
(1) A second s	····· · · · · · · · · · · · · · · · ·			PPIII	01/44/07	1.1	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	183451-565
Matrix:	AIR
Prep. Date :	January 24, 2007
Analysis Date:	January 24, 2007
Lab ID#'s in Batch:	LR 183455, 183454, 183449, 183452, 183473, 183546.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	68.38	69.55	2
Benzene	8021B	0.24	0.26	8
Toluene	8021B	1.08	1.08	0
Ethylbenzene	8021B	0.45	0.44	2
Xylenes	8021B	1.26	1.25	1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

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ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209



Chain of Custody Record

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Company	30 Tus	02 Dow, #142 stin, CA 92780			Phone	(714) 734-	9137] A.L.	Job N	lo.					1	83	3452 Pag	le <u>1</u>	of
Project Manager	NC	DEL SHEN	101		Fax	(714) 734-	9138			A	Analy	sis R	leque	ested		ų.	Test Instructi	ons & Co	mments
Project Name	CALIF	DRNIA	LINEN		Project	•		2	51										
Site Name and Address	OAKI	LAND	CA					(801	TBE (80										
Sample ID		Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G	BTEX/M										
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Total Number of C	ontainers		Property Coole	d Y/N/N	<u>D</u>	Signa	ture: Noce	She	no	5	Sigr	nature:					Signature:		
Custody Seals Y	/ N / NA)	Samples Intact			Printe	d Name:				Prin	ted Na	ame:	-			Printed Name:		
Received in Good	Condition)/N	Samples Acce	oted Y/N		Date:	1 23/07	Time:	13.	15	Dat	e:			fime:		Date:	Time	•:
		Turn A	round Time			Rece	ved By:			1.	Rec	eived	By:			2.	Received By:		3.
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		······	· · · ·			Date:	1/23/07	Time:	13:	15	Dat	e:		. 1	lime:		Date:	Time	

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 183785
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	02/05/2007
	#142	·		<i>¥</i>
	Tustin, CA 92780		RECEIVED	01/29/2007

PROJECT California Linen, Oakland, CA

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 772819 Client Sample Identification

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by, Edward S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 183785 cover, page 1 of 1

Client:	Calclean

Client Sample ID: Combined

Order #: 772819 Matrix: AIR Date Sampled: 01/26/2007 Time Sampled: 12:00 Sampled By:

-

Analyte	Result	DF	DLR	Units	Date/Ana	alys
BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	3.6	5	0.05	Vppm	01/29/07	LT
Ethyl benzene	0.65	5	0.05	Vppm	01/29/07	LT
Methyl t - butyl ether	71	100	10.0	Vppm	01/29/07	LT
Toluene	11	5	0.05	Vppm	01/29/07	LT
		-	• • • • • • • • • • • • • • • • • • •			

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Analytical Results Report

ASSOCIATED LABORATORIES QA REPORT FORM

183781-810
AIR
January 29, 2007
1/29/07-1/30/07
LR 183781, 183782, 183783, 183784, 183785.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	943.81	971.28	3
Benzene	8021B	7.35	7.35	0
Toluene	8021B	18.00	20.05	11
Ethylbenzene	8021B	2.45	2.45	0
Xylenes	8021B	17.20	16.90	2

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209

102701

Chain of Custody Record

Project Manager NOEL SHENOI Fax (714) 734-9138 Analysis Requested Te Project Name CAL1FORNIA LINEN Project # G	est Instructions & Comments
Project Name CALIFORNIA LINEN Project # GD	
One hains DAKLAND CA Address Organization Operation Oper	
Sample ID Lab ID Date Time Matrix Container Pres. \overrightarrow{L}	
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	AIR=PPMV
15	
Sample Receipt - To Be Filled By Laboratory Relinquished by 1. Relinquished by 2.	Relinquished by 3.
Total Number of Containers Property Cooled Y / N / NA Signature: Signature: Signature:	Signature:
Custody Seals Y / N / NA Samples Intact Y / N / NA Printed Name: Printed Name:	Printed Name:
Received in Good Condition Y/N Samples Accepted Y/N Date: 1/29/07 Time: Date: Time:	Date: Time:
Turn Around Time Received By: 1. Received By: 2.	Received By: 3.
Signature	Signature:
Normal I Rush I Same Day I 48 hrs. Printed Name: 24 hrs. I 72 hrs.	Printed Name:
Date: // Time: // Date: Time:	Date: Time:

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 184029
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	02/06/2007
	#142			ŕ
	Tustin, CA 92780		RECEIVED	02/01/2007
PROJEC	T California Linen, Oakland, CA			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 773736 **Client Sample Identification**

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 184029 cover, page 1 of 1

Order #: 773736	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 01/31/2007		
Time Sampled: 12:00		

Anal	yte
------	-----

Toluene

Xylene (total)

Sampled By:

Analyte	Result		DLR	Units	Date/Analys	st
8021B BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	1.7	5	0.05	Vppm	02/01/07 LT	
Ethyl benzene	2.4	5	0.05	Vppm	02/01/07 LT	****
Methyl t - butyl ether	5.0	5	0.5	Vppm	02/01/07 LT	

1.0

0.50

5

5

0.05

0.15

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Vppm

Vppm

02/01/07

02/01/07

LT

LT

8015B - Gasoline in Air - (Vppm & ug/L)

(c)	The second second research and second s	······						
Gasoline		1	3171	5	25.0	Vppm	02/01/07	LT
a construction of the second		I		-		·		<u> </u>

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Analytical Results Report

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 183781-810

Matrix: AIR

Prep. Date : February 1, 2007

Analysis Date: 2/1/07-2/2/07

Lab ID#'s in Batch: LR 184026, 184027, 184028, 184029, 184096.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	491.27	499.12	2
Benzene	8021B	4.30	4.25	1
Toluene	8021B	9.25	9.35	1
Ethylbenzene	8021B	2.50	2.45	· 2
Xylenes	8021B	14.25	13.85	3

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia = Orange, CA 92868 (714) 538-1209



Time:

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15

	CalClean Inc.	Record								Pho	ne:	(714) 77	1-69	900	• F	Fax: (714) 538-12	09	<u> </u>
Company	3002 Dow, #142 Tustin, CA 9278(·0		Phone	(714) 734_0	137	٦	امد ۱	1.					1	RI	Hn	29	•	. 1
Project Manager	NOEL SHF	NOI		Fax	(714) 734-9	9138	AL	JOD N	10. L	Inah	veie F	Rem	aster		<u>Ų</u>		Test Instructions		
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 184206
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	02/09/2007
	#142			*
	Tustin, CA 92780		RECEIVED	02/05/2007
PROJEC	Γ California Línen			
SUBMIT	TER Client			

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 774311 **Client Sample Identification**

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by, Edward S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 184206 cover, page 1 of 1

Client: Calclean

Client Sample ID: Combined

Order #: 774311 Matrix: AIR Date Sampled: 02/05/2007 Time Sampled: 04:00 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Ana	alys
1B BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	3.4	3	0.025	Vppm	02/05/07	LT
Ethyl benzene	0.90	3	0.025	Vppm	02/05/07	LT
Methyl t - butyl ether	139	25	2.5	Vppm	02/05/07	LT
Toluene	11	25	0.25	Vppm	02/05/07	LT
Xylene (total)	278	100	3.0	Vppm	02/07/07	LT

Gasoline 453 3 12.5 Vppm 02/05/07 LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

 QC Sample:
 184175-177

 Matrix:
 AIR

 Prep. Date :
 February 5, 2007

 Analysis Date:
 2/5/07-2/6/07

 Lab ID#'s in Batch:
 LR 184175, 184155, 184194, 184205, 184206, 184219.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	78.85	78.84	0
Benzene	8021B	0.20	0.22	10 .
Toluene	8021B	0.74	0.83	11
Ethylbenzene	8021B	0.41	0.42	2
Xylenes	8021B	0.96	1.05	9

ND = "U" - Not Detected RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900

Fax: (714) 538-1209

Chain of Custody Record

Company	3002 Dow, Tustin, CA	#142 92780			Phone	(714) 7	34-01	37	1						1	84.	20	6		
Project Manager	NOELS	SHENC)		Fax	(714) 7	734-91	38	A.L.	JOD NO). A	nalvsi	s Re		ed.		Tos	Page t Instructio		nmonts
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 184548
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	02/16/2007
	#142			2°
	Tustin, CA 92780		RECEIVED	02/09/2007
PROJEC	California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Client Sample Identification
Combined
E-1
E-2
E-3
E-6
MW-1
Stack

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORA Edward S. Behare. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 184548 cover, page 1 of 1

Client: Cal	clean
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Client Sample ID: Combined

Order #: 775571 Matrix: AIR Date Sampled: 02/08/2007 Time Sampled: 12:00 Sampled By:

Analyte	Result	DF	DLR	Units	Date/An	alyst
BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	4.4	5	0.05	Vppm	02/09/07	LT
Ethyl benzene	0.50	5	0.05	Vppm	02/09/07	LT
Methyl t - butyl ether	68	100	10.0	Vppm	02/13/07	LT
Toluene	13	5	0.05	Vppm	02/09/07	LT
Xylene (total)	12	5	0.15	Vppm	02/09/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 775572 Matrix: AIR Date Sampled: 02/08/2007 Time Sampled: 12:10 Sampled By: Client: Calclean Client Sample ID: E-1

Analyte		Result	DF	DLR	Units	Date/Anal
1B BTEX/MTBE in Air - (Vpp	om & ug/L)					
Benzene		3.4	5	0.05	Vppm	02/09/07 L
Ethyl benzene		0.5	5	0.05	Vppm	02/09/07 L
Methyl t - butyl ether		86	25	2.5	Vppm	02/13/07 L
Toluene		10	5	0.05	Vppm	02/09/07 L
Xylene (total)		1 101	- 5	0.15	Vppm	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Analytical Results Report

Lab Request 184548 results, page 2 of 7

Order #: 775573	Client: Calclean
Matrix: AIR	Client Sample ID: E-2
Date Sampled: 02/08/2007	
Time Sampled: 12:20	
Sampled By:	

Analyte	Result	DF	DLR	Units	Date/An	alyst
BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	ND	1	0.01	Vppm	02/13/07	LT
Ethyl benzene	0.08	1	0.01	Vppm	02/13/07	LT
Methyl t - butyl ether	0.11	1	0.10	Vppm	02/13/07	LT
Toluene	0.12	1	0.01	Vppm	02/13/07	LT
Xylene (total)	0.27	1	0.03	Vppm	02/13/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Calclean Client Sample ID: E-3

Order #: 775574 Matrix: AIR Date Sampled: 02/08/2007 Time Sampled: 12:30 Sampled By:

BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	4.4	5	0.05	Vppm	02/09/07	LT
Ethyl benzene	0.95	5	0.05	Vppm	02/09/07	LT
Methyl t - butyl ether	68	25	2.5	Vppm	02/13/07	LT
Toluene	13	5	0.05	Vppm	02/09/07	LT
Xylene (total)	14	5	0.15	Vppm	02/09/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

775575Client: CalcleanClient Sample ID: E-6

Order #: 775575 Matrix: AIR Date Sampled: 02/08/2007 Time Sampled: 12:40 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B BTEX/MTBE in Air - (Vppm & ug/L)					
Benzene	ND	1	0.01	Vppm	02/09/07 LT
Ethyl benzene	0.14	· 1	0.01	√ppm	02/09/07 LT
Methyl t - butyl ether	ND	1	0.10	Vppm	02/09/07 LT
Toluene	0.15	1	0.01	Vppm	02/09/07 LT
Xylene (total)	0.34	1	0.03	Vppm	02/09/07 LT

8015B - Gasoline in Air - (Vppm & ug/L)

			 		 	Contraction of the second second			- A	
Gasoline	 	• ··		1	23	1	5.0	Vppm	02/09/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Calclean Client Sample ID: MW-1

Order #: 775576 Matrix: AIR Date Sampled: 02/08/2007 Time Sampled: 12:50 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Ar	alys
21B BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	3.8	5	0.05	Vppm	02/09/07	LT
Ethyl benzene		· · 5	0.05	Vppm	02/09/07	LT
Methyl t - butyl ether	64	25	2.5	Vppm	02/09/07	LT
Toluene	11	5	0.05	Vppm	02/09/07	LΤ
Xylene (total)	- • • • • • • • • • • • • • • • • • • •	5	0.15	Vopm	02/09/07	LT

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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Client:	Calclean	

Client Sample ID: Stack

Matrix: AIR Date Sampled: 02/08/2007 Time Sampled: 13:00 Sampled By:

775577

Order #:

Analyte	Result	DF	DLR	Units	Date/Anal	yst
8021B BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	ND	1	0.01-	···Vppm ··		T
Ethyl benzene	ND	1	0.01	Vppm	02/09/07 L	T
Methyl t - butyl ether	ND	1	0.10	Vppm	02/09/07 · L	Т
Toluene	ND	1	0.01	Vppm	02/09/07 L	Т
Xylene (total)	ND	1	0.03	Vppm	02/09/07 L	T
3015B - Gasoline in Air - (Vppm & ug/L)			,			
Gasoline	ND	1	5.0	Vppm	02/09/07 L	T

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor


ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	184510-458
Matrix:	AIR
Prep. Date :	February 9, 2007
Analysis Date:	2/9/07-2/10/07
Lab ID#'s in Batch:	LR 184510, 184508, 184548, 184549, 184550.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	801.34	765.22	5
Benzene	8021B	12.28	12.35	1
Toluene	8021B	9.35	8.96	4
Ethylbenzene	8021B	4.20	4.15	1
Xylenes	8021B	8.09	8.00	1

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

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ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900

Fax: (714) 538-1209



Chain of Custody Record

	CalClean Inc. 3002 Dow, #142	2	· · · · ·														1 0	UTUR		
Company	Tustin, CA 9278	0			Phone	(714) 7	′34-9 1	137	A.I	Job t	No.						1 0	Page	l of	<u> </u>
Project Manager	NOEL SHE	ENOI			Fax	(714) 7	734-9	138			A	nalysi	is Re	ques	ted			Test Instructions	& Com	ments
Project Name CAL	FORNIA	L	NEN		Project I	1			2	021										
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ATTACHMENT 2

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HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEETS

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CALCLEAN INC.

Project Lo	cation: 9	89 41ST	STREET			City: OA	KLAND		Site	#: CAL	FORNIA	LINEN	1		Date	e: <u>/ //</u>	<u>4</u> 20097	(/) F	age <u>33</u> o	s/ f
Chent: C	ALIFORI	NIA LINE	N		·		Operato	r (s):t	S.KA	isen	2									
Initial Dan	th to Crow		0		Wei#1:	2-2	Weil#2: [=-1	Well #3: E	.3	Well #4: 🚝	-6	Well #5: E	7	Well #6:	nwl	Well #7: "]	<u>/</u>	Well #8:	_
Screen In	erval	Indwater/r	P				·										·····			
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAr		Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (fi)
			×		E	23'	E	23	E	23	F	19'				pin	F	20		
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0400	15	7.14	1402	765	†		 	t					 	<u> </u>	 					
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143	TIMU	BUT	(School	TIMUE	<u>70</u> 5	2472	Deric	e has		·			·· ··				/			

CALCLEAN INC.

Project Lo Client: C	ocation: 9 ALIFORI	89 41ST NIA LINE	STREET N	ĸ		City: OA	KLAND Operato	or (s):	Site: <u>K. ((A</u>	#: CAL (5ਵ	IFORNIA	LINEN	l		Dat	e: <u> //</u>	2007 7/ 200 6	y (71 F	14) 734-91 Page <u>34</u> (37 xf
	·				Wel#1: (-2	Weil#2: (Well #3: [-3	Well #4:E	-6	Well #5:F	-7	Well #6: 7	MIJ 1	Well #7: -	5-1	Wall #8:	
nitial Dep	th to Grou	Indwater/F	P							+ A 4									rica no.	
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					UAC		Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
417			×		F	23	E	22	F.	22	6	19'				S Pm	5	201		
0400	15	210	1412	748									1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	20		
0080	15	216	1404	746	1404	PPMU	376	PPAU	1251	Donil	492	Panel	175	8 04	<u> </u>		104	5.0 m. 1		
200	15	214	1412	740								111		0.5 7	1		107	Prov		*****
600	15	270	1410	737				<u> </u>			 	†	1	†	 	[[
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0400	15	710	1102	-176	_		 		<u> </u>	<u> </u>	 	 	 	╂	ļ	 				
0800	15	270	1402	120	1200		2/1	04.1	1222		11.71		A.(1.4	A# 0	 	 				ر سرور میکند.
13 00	15	212	1406	7.0	<u>مەدر ا</u>	PPMV	362	PPMV	1322	-ppmu	416	PPMU	/~/A	14A			172	ppmd		-
ban	15	212	1411	707	<u> </u>	<u> </u>	†	<u> </u>		+	<u> </u>	 	 	╂	 		 			
1000	15	214	1406	698													 			·
Yia					 	 	 	 	 			1								
1400	15	210	1411	693			ł	<u> </u>	 	╂	 			╂	<u> </u>	<u> </u>				
08.00	15	216	1412	684	1356	PPMU	360	PPMU	1208	ernu	4 22	Panul	1.20	0.54	<u> </u>	<u> </u>	11.0			
200	15	214	1406	672				†*****	1 2 11()	1	1.10	1	1.10	1001	<u> </u>	<u> </u>	100	ppmu		
1600	.15	210	N14	664	1	1	1	1	1	1	1	1	1	1	[<u> </u>				
000	15	218	1408	660																
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					<u> </u>	†	†	†		+		+	 		<u> </u>	ļ				
						1	1	1	1	1	1	1	1	+	 	<u> </u>	1			
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CALCLEAN INC.

(714)	734-9137	
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DTW (ft)

Client: C	ALIFORI	NIA LINE	N				Operato	ur (s): <u> </u>	EVIN	KAJ	SER	BE	RNAR	00		·	<u>a</u> 2009	1	28ge <u>22</u> (y
		·			Wei#1: /	-2	Weil#2:	6-1	Well #3:	£3	Well #4: 🧲	=6	Well #5: 😥	= 7	Well #6:	I-1	Well #7://	W-)	Weil #8;	-
Screen In	th to Grou	indwater/F	P			·				•									1	-
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (deaF)	TOX inlet Conc.		Stinger Depth		Stinger Depth	, s				1		Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	
120				w Prove	F.	23	C	73	r -	~~		1.0	<u>DA V</u>	DTW	TAM	SPM			 	-
0400	15	210	1410	654	<u>-</u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	19					<u> </u>	20	 	ŀ
0800	15	216	1408	652	1338	PPaul	357	POAL	1291	Aller i	413	2011)	INTA	IVIA			11.2		 	ŀ
1200	15	212	1404	646	-204		007	11.00		THO	100		<u>· //-</u>	- 7			105	PPMU		h
1600	15	218	1412	642		-					-	1							łł	ŀ
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0400	15	7 16	1402	67.8								╂────	 		 					┝
080	15	208	1412	604	1298	PPMU	357	POAN	17 72	00mi)	442	Panal	MA	NIA			100		 	-
1200	15	208	1410	596	10				<u>14-10</u>	1110	1.0			. 10			120	PPALV		┝
600	15	212	1404	592				<u> </u>			· · · · ·	†	·	<u> </u>		<u> </u>				1
2000	15-	7_14	1408	590																-
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100														<u> </u>				- .		-
0400	15	205	1410	587				<u> </u>				<u> </u>							┨┤	-
2800	15	213	1405	540	1142	PPMV	343	PPMV	1759	PPMV	430	PPMV	1.71	لارتم			1112	DÜKALA	 	-
1200	15	211	1408	579				1	1-21		1.50	1		0.27			143	PPING	<u> </u>	-
600	15	215	1412	565				<u> </u>			<u> </u>	<u>†</u>		<u> </u>					 	
2000	15	213	1409	571								1							 {	_
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CALCLEAN INC.

Project Lo	roject Location: 989 41ST STREET					City: OA	KLAND)	Site #	#: CAL	FORNIA	LINEN	I		Date	12	312007	(71 F	14) 734-91 20036 0	37 f
Client: C	LIFORI	NIA LINE	N				Operato	r (s);	BERN	ARD	0								-9- <u></u> -	·
					Well#1:	Ξ- 2	Woll#2;	E-1	Weil #3: {	-3	Well #4: E	- 6	Well #5:E		Well #6:]	- 1	Weil #7: N	1W-1	Weil #8:	
Initial Dep Screen Int	th to Grou	indwater/F	P		<u>q</u> .	93	7.	25	10.	21	9.6	35		13	14	.49	16.	75		
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					VAC	DTW	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	V acu um "H₂O	DTW (ft)
1/22	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					 	ļ	7 AM	5 PM				
1723	1 -				OPEN	23'	OPEN	23'	OPEN	23'	OPEN	19'	 		AIRS	PARGE	OPEN	26		
0400	15	210	1409	567									[ļ						
1200	<u> 5</u>	208	1412	564	1099	PPMV	327	PPMV	1219	PPMV	415	ppmv	1.75	8.59			156	PPMN		
1600	15	205		555			 						 	 						
2000		206	1403	591	┨────								 	}				ļ		
2000		201	1102	576			 					<u> </u>		┠						
1/24					<u> </u>		 	<u> </u>				<u> </u>		<u> </u>				· · · · · · · · · · · · · · · · · · ·		
		1			+		<u> </u>	<u> </u>	<u> </u>				<u> </u>	<u> </u>		<u> </u>				
0400	15	207	1404	540	1	<u> </u>		<u> </u>		<u> </u>		<u> </u>	ł		 					
0800	15	209	1407	545	1085	PDVVA	320	PONN	1207	PPMV	404	PPANY	1.78	8.64	 		140	DDING		
1200	15	210	1413	541	1				1201	1				10-0-1	<u> </u>		119	PENIN		
1600	15	206	1405	539	1			1	 	[1	[
2000	15	208	1406	537										1						
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1/25																				
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0400	15	213	1403	534				ļ			ļ		<u> </u>	ŀ						
0800	15	209	1408	530	070	PPMV	325	PPM	1198	PPINN	409	PPMV	1.84	8.96		L	144	PPMW		
1200	15	209	1407	529		<u> </u>	 	 		 	ļ	_		 	ļ	ļ				
1600	15	210	1403	527		<u> </u>	 			 	<u> </u>		_		<u> </u>					
2000	12	212	1402	529		 	╂			 	<u> </u>	 	 	╂	ļ					
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Comments:

Project Lo Client: C	cation: 9 ALIFORI	89 419T NA LINE	STREET N			City: OA		- /=-)-	Sile#		FORNIA ท อ	LINEN	I		Dat	<u>r L R</u>	61 2007	(71 F	4 734-91 : 1998 <u>37</u> 0	97 \$
	-			.	14L.844. T		Coperator C			2	Walter E	-1	same ar. E	~	Mail an-	- 4	La an an A	1		
Initial Dep	th to Grou	ndwater/F	P			1. 93	, in the second se	75	10	21	q	85	8	77	14	4 a		-12	Lifes Max.	
Screen in	lerval									- C - b		QZ				·I	<u> </u>	<u> </u>	<u>ــــــ</u> مـــــې	
Time	Unit Vacuum (The)	Total Flownate	TOX Tomp.	TOX Inlet Conc.		Stinger Depth		Stinger Depth					VAC	Ŭ¶₩	Vacuum "H ₂ O	DTW (fl)	Vасцит "Њо	DTW (ft)	Vacuum "H ₂ O	DTW (it)
1/51	(194)	(arease)	(colle)	(ppmv)	OFF	224	0.00	(1661)	one N	272	ODEN	101			TAM tio c	5PM	0.0		┝╾╍╾╉	
0400	15	711	1412	774	VIER	-63-	vrep	-25	UPCI	<u> </u>	open				<u>vik 2</u>	PHKOE	OVEN	20		
0800	15	209	405	575	1070	PPINAY	2.21	DUAN	1 10 5	PPMU	402	PDIN	1 02	014	<u> </u>		120			
1200	15	205	1412	521	lo i ∘	11,0.9			1113	1.1.1.1	182	I FRIN	م <u>اشتا</u> يك	-1.10	 		127	<u>r fan i</u> n		
1600	15	210	1409	518									1		ţ	<u> </u>				1
2000	15	209	1406	515																
1/27																				
Olloo					 		[[ļ							
0400	5	201	1411	516	ļ	ļ	[ļ					
0800	15	213	1408	512	1053	PPMY	317	PPMV	1177	PPMV	340	PPMy		 	Ļ		132	PPMV		
1200	15	215	1405	513	 		 	ļ			 	 	 	ļ	<u> </u>	ļ	[·		
1600	-12-	218	1400	510			 	 			ļ	 		ļ	ļ	 				
2000	15	-411-	1900	507		}	<u>├</u> ──	 				 			┣					
1/28							 	┣			Ì	<u> </u>	<u> </u>	<u>├</u> ───						
1,00					<u> </u>	<u> </u>	 	†					<u> </u>	<u> </u>	<u> </u>	<u> </u>	†			
0400	15	211	1405	504			 						· ·			 				
0800	15	207	1408	502	1012	PPMV	301	PPNN	1153	ppmv	389	DEMU			1		174	PPAN		
1200	15	209	1405	497	T		T	T		1					1					
1600	15	710	1403	495																
2000	15	212	1408	498																
			L	L	L				L		<u> </u>	<u> </u>				<u> </u>	L			
Commer	nts:			-																

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CALCLEAN INC.

CALCLEAN INC.

Project Lo	cation: 9	89 41 ST	STREET			City: OA	KLAND	•	Site	#: CAL	FORNIA	LINEN	l		Date	e:[2'	1/2007	(71 F	14) 734-91. Page38 c	37 sf
Client: C	ALIFORI	NIA LINE	N				Operato	or (s):	BER	NAR	ρο					1	_		·	
In this I Day					Wol#1:	2-2	Weil#2:	3-1	Weil #3:	-3	Well #4: E	-6	Well #5: 🗜	-7	Well #6:]	-1	Well #7:	nw-1	Weli #8:	
Screen int	in to Grou erval	indwater/l-	P		-9	<u>,93</u>	7.	25	10.	21	9.	85	8.	73	14.	49	_16.	75		
Time ;	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAC	WTO	Vacuum "H ₂ O 7 AN1	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
1/29					OPEN	23'	OPEN	23'	OPEN	23'	OPEN	191			AIR SP	ARGE	OPEN	70'		
0400	15	209	1405	496				3							100-211		<u> </u>			
0800	15	211	1400	491	997	PPMV	286	PPMN	1142	PPMY	365	PPMV	1-85	9.03	1		149	PPINN		
1200	15	213	1402	488													<u></u>			
1600	15	210	1404	485																
2000	15	213	1406	487							·									
1/30																				
1																				
0400	5	208	1407	485	ļ						-									
0200	15	20	1401	484	971	PPMV	295	PPMV	1099	PPMN	347	PPMV	1.89	9.10			142	PPMV		
1200	15	212	1405	483					-							*	.			
1600	_15_	21	1400	485															· ·	
2000	15	207	1401	484	L															
1/31																				
																		:		
0400	15	213	1403	486	ļ				ļ				-	-						
0800	15	209	1401	485	964	PPMY	280	PPMV	1046	PPMV	329	PPMV	2.03	9.14			125	PPMV		
1200	15	20	1412	483	ļ		ļ	ļ	ļ	L										
1600	15	21	1405	485				ļ												
2000		210	1402	481		L														

Comments:

CALCLEAN INC.

Project Lo Client: C /	Project Location: 989 41ST STREET Client: CALIFORNIA LINEN					City: OA	KLAND Operato) or (s):	Site	#: CAL	IFORNIA	LINEN	I		Date	e: <u>2,</u>	_/ 2007	. (7 1	14) 734-91. Page <u>39</u> o	37 /f
					Wel#1:F	2-2	Wei#2: [z-1	Well #3:	-3	Well #4: E	- 6	Well #5:F	-7	Weli #6: T	-1	Wall #7.M	M-1	Woll #8	
Screen Int	th to Grou	Indwater/F	Р		9.	93	1.	25	10.	21	9.0	85	8.7	3	14.2	9	16	15		
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)					VAC	DTW	Vacuum "H ₂ O	DTW (ft)	Vacuum "H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
Z/I				••	OPEN	73'	OPEN	22'	OPEN	22'	OPEN	10/			IANI	spm	0.000		┝━╍╼╼╋	
0400	15	216	1406	480			Union	23	ULEN	23	UTEN			<u> </u>	<u>AIR Sp</u>	ARGE	6 PEN	20'	 	
0800	15	214	1400	479	962	PPAN1/	755	DDAAV	1076	Onter	กาย	DONAV		d va					 	
1200	15	213	1403	470	1.2.2		625	P 1/* 1	1030	PPMV	3 4 9	PFIXIY	1.97	9.17			11(PPMV	 	
1600	15	209	1408	476															 	
2000	[5	205	1405	475	t															
			·······											 						
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-					<u> </u>														┟╂	
0400	15	210	1401	476									·						-	
0800	15	215	1403	471	929	PPMV	247	DPAAL	inin	עואסס	218	OPLAN	1 ml						┝────╂	
1200	15	209	1405	475		11/***	e ! !	1 1 7 7 14	1 . 10	PPINV	510	rrjviy	1.06	4.21			120	PPMY		
1600	15	210	1400	473							-								<u>+</u>	
2000	15	213	1400	470																
																			_	
2/3																			<u>-</u>	
0400	15	Z11	1402	467									•					i	— —	
0800	15	208	1405	464	918	DPMV	435	PPMV	994	PPAN	207	PPMU	1 00	dia					<u>+</u>	
1200	15	211	1401	462		<u>.</u>					<u> </u>	1 1 1 1 1 1		7.17			123	PMAV		
600	15	209	1400	465							-									
2000	15	207	1403	464	[}		
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Commen	to"												L		L	t				1

Comments:

CALCLEAN INC.

Project Location: 989 41ST STREET Client: CALIFORNIA LINEN			City: O A	KLAND Operato) r (s):	Site FAUS	#: CAL		LINEN	I.		Date	₽: <u>2_/</u> _	1 2007	(71 F	14) 734-91: Page <u>40</u> o	37 f	. •			
	·				Wel#1:	- 2	Weil#2:	- 1	Weil #3:	-3	Well #4: 5	-6	Well #5:F	- 7	Well #6:	- 1	Well #7·N	AW-1	Weil #R·		I
Initial Dep Screen Int	th to Grou	Indwater/F	P		q.q 3		7.	7.25		10.21		85	8.	13	14.49		16.75				
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc.		Stinger Depth (feet)		Stinger Depth (feet)					VAC	ртш	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	V acuum "H ₂ O	DTW (ft)	
2/4				1	OPEN	721	OPEN	731	ADEN	721	OPEN	10'		<u> </u>		SPNI	onru		┠───┼		ł
0400	15	210	1405	460			1 613		VILI	<u></u>	VIEN		<u> </u>		nik sp	AKGE	OPEN	20'	┠───┤		ł
0 800	IS	211	1402	462	923	PPMV	429	PPMV	981	PPAN	211	10 PANK	1.00	0 73			11-7	10 ph m			ł
1200	15	211	1400	463							- 211	17-50	1.10	1.60	 			PIN	╏───┤		ł
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2000	15	213	1400	4 54				·	ļ												1
2/5																					
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0080	15	209	1400	448	921	PPMU	424	PPMU	978	PPRAV	309	PPAN	0.23	9.40	 		1.14	DDM	<u> </u>		1
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2000	15	213	1402	445			ļ														
/6				·														<u> </u>			
9400	15	211	1403															<u> </u>			1
200	15	208	1400	442	919	PPMV	423	PPMV	974	DDMI	205		696	9.70		 	112	ODAN	╏───┤		1
200	15	2/2	140Z	441						<u>pr (73)</u>				+ 120	 	<u> </u>	<u> </u>	# <u>r/~\/</u>	 		1
600	15	Z11	140Z	438	 	1	1		1	1	1	<u> </u>	 	†	[<u> </u>	<u> </u>	+	 		-
2000	15	2]]	1-102	436	 				 		1										1
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Commer	its: 2 /	4/07	TO	0K 2	COM	SINED	VAP	ORS	SAMP	E (@ 12	30.	L	4	I	I	1	4	L		T

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(714) 734-9137 Project Location: 969 41ST STREET Date: 2 17 12007 Page 4) of City: OAKLAND Site #: CALIFORNIA LINEN Client: CALIFORNIA LINEN Operator (s): FAUSTINO Wells: F-Well #3: E-3 Well #4: E-6 Well #5: E-7 Well #8: I-1 WHAT: E-Z West #7: MINL West #8: Initial Depth to Groundwater/FP 7.25 9.93 10.21 9+85 8.73 14.49 16.75 Screen interval Тіте Unit Total TOX **TOX Inlet** Stinger Stinger DTW Vacuum DTW Vacuum Vacuum DTW Vacuum Flowrate Temp. Conc. Depth Deoth "H₂O °H₂O H₂O (fl) (ft) (作) ("Hg.) (scfm) (degF) (PPmv) (feet) VAC (feet) DTW 7: OCANSIDEM 2-7-67 OPEN 23' MPEN 23' OPEN 23' OPEN 19' OPEN 20' 0400 1402 15 71 434 0800 15 1407 432 209 884 PPMV 419 PPMV 942 PPMV 282 PPMV 0.84 9.34 109 PPM 1200 15 212 1406 43 1600 15 208 1407 429 200115 211 40 26 7-8-51 040015 214 140Z 423 15 21 0%09 1400 863 PPM 422 PPM/ 936 PPM/ 242 PPM/ 0494 9.05 411 108 29/1V 700 15 214 400 471 1600 15 208 1400 44 19 . 200 15 20% 1405 Ĺ.j 17 2-9-07 0400 15 769 1407 413 0800 Ľ 214 1402 412 853 PPM V 398 PPMV 91 PPM 219 PPNA, 0-54 8-32 Pring 107 Iζ 1406 1200 213 409 600 15 21 1407 402 Zad 15 214 406 398 2-07-07 take combine Alt Sample Comments: 21200(426PPMV INDIVIDUAL From E-Z, E-12 E-3, E-AND MUL

CALCLEAN INC.

HIGH VACUUM DUAL PHASE EXTRACTION - WATER METER FIELD DATA SHEET

Project Location: 989 41ST STREET Client: CALIFORNIA LINEN

City: OAKLAND

Operator (s): Datrick / K KAISEN

CALCLEAN INC. (714) 734-9137

Page $\underline{\mathcal{F}}$ of

Date 2 18 / 2006

Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff	0 7₩	Time	Water Meter Reading	Curhulative Amount	24-hr Diff	Date	Time	Water Meter Reading	Cumulative	24-hr
Staft	10/12	347260	R	R.	1/2	0400	390200	42940	480	118	0800	398730	51470	<u>4</u> 10
12/18	0800	382290	35030	410	1/3	0800	390770	43510	570	119	ාවිත	399070	51810	340
B /19	0800	382710	35450	420	1/4	0800	391210	43950	440	120	080	399 390	52130	320
2/20	0300	383200	35940	490	1/5	0400	391760	44500	550	1/2	0900	399 810	52550	420
2/21	0800	383610	36350	410	1/6	0900	392370	45/10	610	1/22	0800	400350	53090	540
2/2	0400	383970	36710	360	1/7	0400	393060	45800	691)	1/23	0800	400740	53480	390
12/23	0800	384300	37040	330	1/8	0800	393730	46470	670	1/24	0800	401190	53930	450
12/24	OLOO	384660	37400	360	1/9	0800	394440	47180	710	1/25	0800	401620	54360	430
12/25	0900	385370	38/10	710	1/10	0800	395080	47820	640	1/26	0800	401950	54690	330
12/26	0800	386050	38790	680	171)	OGOC	395590	49330	510	1/27	0890	402620	55360	670
12/27	0800	386780	34520	730	1712	0400	396050	48790	460.	1/28	0800	403120	55860	500
12/28	0400	387400	40140	620	1/13	()800	396470	49210	420	1/29	0800	403550	56290	430
12/29	0500	384050	40790	650	Y14	0800	396950	49 690	480	1/30	0880	403990	56730	440
12/20	0800	3887-20	41460	670	7/15	0800	397420	50 160	470	/3	୦୦୫୦	404440	57180	450
12/31	0800	389210	41950	490	116	0080	397900	50 640	480	2/1	0800	404860	57600	520
01/1	0800	389720	42460	510	1117	0800	398320	51060	420	2/2	0800	405180	57920	320

HIGH VACUUM DUAL PHASE EXTRACTION - WATER METER FIELD DATA SHEET

CALCLEAN INC. (714) 734-9137

Page 4 of

Date 213/ 200

Project Location: 989 41ST STREET Client: CALIFORNIA LINEN

City: OAKLAND

LAND Site #: CALIFORNIA LINEN Operator (s): BERNAR DO/FAUSTINO/PATRICK

Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Dale	Time	Water Meter Reading	Cumulative Amount	24-hr	Date	Time	Water Meter Reading	Cumulative	24-hr
START	10/12	347260			2-17	0800	417540	10780	830			ereanniA	AUILADIA	
	L													
2/3	0800	405630	58370	450	2-18	0800	417960	70700	420					
210	-000	101-190	FRORE											
<u> </u>	080	400100	51920	550	2-19	0800	418420	71160	460					
2/5	0800	416730	59470	550	0.20	0000	410015		100					
				220	6- <u>4</u> 0	0000	412410	1000	4-10					
216	0800	407080	59820	350	2.21	0800	419380	72120	470					
					- <u></u>			/						
217	0%00	407550	60290	470	2:22	0800	419740	72480	360	_				
2 10	0000	100000												
210	0000	408500	6240	460	2:23	0800	420160	72900	420					
21a	m	100120	1-10-70	1070	1 14	0700	401140	7-00-	0.00					
<u> </u>		<u>+0-1150</u>	<u>10 10</u>	990	6.24	0800	421140	13050	480					
2/10	0800	410740	63480	1(0)0	2-25	0800	121450	71290	510					
							4 21 230	טי כדי	3.0					
2/11	0800	411610	64350	870	ふみ	CHOO	422260	75020	630					
1.0	2000	10-00					ł							
<u>L114</u>	osu	412540	65330	480	2-27	0800	42280	75550	530					
1 /12	and	412900	1.1.720	1700	1-70	Ch Ann	102010		-70					
		<u>TIO 180</u>	VOILU	15-10	5-50	Var	422541	162-60	1.20					
2/14	0800	414930	67670	950	3-1	age	PULLUE	77 55	675	•		· · · · · · · · · · · · · · · · · · ·		
						- ~~	INT THE	1 Strate	104:1					
2/15	0800	415800	68540	870	3-2	CAO					-			
7.1.1		AUSIA										N. 1		
-/14	USUC	416710	64450	910	33	AU								
		·									 			
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CalClean High Vacuum Dual Phase Extraction and Treatment Event Report, April 2, 2007

CALCLEAN INC.

"A Partner in Protecting California's Waters"

April 2, 2007

California Linen Rental Company 989 41st Street Oakland, CA 94608

ATTN: MR. JOEL PITNEY

SITE: CALIFORNIA LINEN 989 41ST STREET OAKLAND, CALIFORNIA

RE: HIGH VACUUM DUAL PHASE EXTRACTION AND TREATMENT EVENT REPORT

Dear Mr. Pitney:

CalClean Inc. is submitting this High Vacuum Dual Phase Extraction and Treatment Event Report for the above referenced site. This report includes all activities performed during the dates of October 12, 2006 to March 19, 2007.

From October 12, 2006 to March 19, 2007, CalClean performed a 158-day high vacuum dual phase extraction (HVDPE) event on several onsite wells using a low-noise, truck-mounted 450-CFM high-vacuum liquid ring blower along with a Bay Area Air Quality Management District (BAAQMD) various locations permitted propane-fired thermal oxidizer (Plant No. 12568). This technology allows hydrocarbons to be simultaneously removed from the vadose zone, capillary fringe, and saturated soil zone. A high vacuum was applied for vapor extraction and drawdown of the groundwater table around the extraction wells, while vacuum and vapor flow rates were modified to optimize recovery of vapor, free-product (if any) and dissolved-phase hydrocarbons.

During the event, the high vacuum dual phase extraction (HVDPE) system was connected to various wells individually or in combination. After a short-term test was conducted in several extraction wells, high vacuum dual phase extraction was performed at various times in wells W-1, E-2, E-3, E-6, E-7 and MW-1. On October 19, 2006, air-sparging using an oil-free air compressor was conducted in wells I-1 and I-2. HVDPE activities were conducted for a total of 151 days during the HVDPE event.

Vapor samples were collected in Tedlar bags from each extraction well when first connected, during the event and then again at the end of the event. Combined influent samples were also collected during the event. The laboratory results, listed in Table 1 and laboratory reports included in Attachment 1, indicate the following:

- The starting Total Petroleum Hydrocarbons as Gasoline (TPH-G) vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 2,650 ppmv, 860 ppmv, 2,370 ppmv, 3,700 ppmv, and 8,800 ppmv, respectively. On March 19, 2007, the TPH-G vapor concentrations were 28 ppmv, 17 ppmv, 14 ppmv, 107 ppmv, and 107 ppmv, respectively. The TPH-G vapor concentration in well E-7 was 344 ppmv. The starting and ending Combined well TPH-G vapor concentrations were 1,310 ppmv and 21 ppmv, respectively.
- The starting Benzene vapor concentrations for wells E-1, E-2, E-3, E-6 and MW-1 were 18 ppmv, 0.39 ppmv, 23 ppmv, 20 ppmv, and 68 ppmv, respectively. On March 19, 2007, the Benzene vapor concentrations were 0.08 ppmv, 0.05 ppmv, 0.05 ppmv, 0.54 ppmv, and 0.54 ppmv, respectively. The Benzene vapor concentration in well E-7 was 0.44 ppmv. The starting and ending Combined well Benzene vapor concentrations were 8.5 ppmv and 0.02 ppmv, respectively.

The total equivalent amount of hydrocarbons recovered through vapor extraction during the 158day event was 10,930.57 pounds (based on laboratory data), and 12,246.71 pounds (based on the Horiba field organic vapor analyzer data) with an average of **11,588.64 pounds**. The cumulative tabulation of recovered hydrocarbons (based on laboratory data) is provided in Table 2. The cumulative tabulation of recovered hydrocarbons (based on the field organic vapor analyzer data) is provided in Table 3. These results indicate that dual-phase vacuum extraction using a mobile high-vacuum system is acting as an effective remedial technology at this site in reducing Total Petroleum Hydrocarbons as Gasoline, BTEX and MtBE constituent concentrations in the vadose and saturated zone.

The total volume of hydrocarbon-affected groundwater recovered from the extraction wells during the HVDPE event was approximately 86,640 gallons. The extracted water was treated onsite in a granular activated carbon canister system in accordance with the sewer discharge requirements for the city of Oakland.

The following attachments are included to document the HVDPE event at the site:

Table 1	Results of Laboratory Analysis of Influent Vapor Samples
Table 2	High Vacuum Dual Phase Extraction Spreadsheet (using Lab Data)
Figure 1	Total Inlet HC Concentrations versus Time (158-Days, Using Lab Data)
Figure 2	Cumulative HC Recovered over 158 Days (using Lab Data)
Table 3	High Vacuum Dual Phase Extraction Data Spreadsheet (using Horiba Data)
Figure 3	Total Inlet HC Concentrations versus Time (158-Days, Using Horiba Data)
Figure 4	Cumulative HC Recovered over 158 Days (using Horiba Data)
Attachment 1	Laboratory Reports
Attachment 2	High Vacuum Dual Phase Extraction Field Data Sheets

It has been a pleasure as we continue to work on this project. If you have any questions regarding this report, please contact us at (714) 734-9137 or via cell phone at (714) 936-2706.

Sincerely,

CALCLEAN INC.

Abellsheno

Noel Shenoi Principal Engineer

Attachments

Cc: Mr. Paul King, P&D Environmental

Table 1RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLESCalifornia LinenOakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-1	10/13/2006 0500	2,650	18	276	62	87
E-1	11/1/2006 1140	1,750	3.6	1.3	19	70
E-1	11/11/2006 0850	1,490	9.7	8.9	6	24
E-1	12/11/2006 1220	203	0.45	1.4	0.78	4.9
E-1	1/9/2007 1210	409	1.7	8.9	1.6	6.6
E-1	2/8/2007 1210	562	3.4	10	0.5	10
E-1	3/12/2007 0805	265	1.4	27	5	27
E-1	3/19/2007 1120	28	0.08	0.11	0.06	1.2
E-2	11/1/2006 1210	860	0.39	2.2	11	38
E-2	11/11/2006 0900	458	0.7	2.2	3.3	18
E-2	12/11/2006 1205	213	0.5	1.7	1.1	6.4
E-2	1/9/2007 1205	86	ND<0.01	0.29	0.31	2
E-2	2/8/2007 1220	15	ND<0.01	0.12	0.08	0.27
E-2	3/12/2007 0810	11	0.3	0.67	0.22	1.2
E-2	3/19/2007 1110	17	0.05	0.15	0.08	0.24

Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-3	10/13/2006 1000	2,370	23	53	20	69
E-3	11/1/2006 1225	1,040	2.6	5.4	9.2	42
E-3	11/11/2006 0910	570	0.67	2	3.8	21
E-3	12/11/2006 1215	180	0.35	1.4	1.1	6.7
E-3	1/9/2007 1215	323	1.4	6.7	1.3	5.4
E-3	2/8/2007 1230	352	4.4	13	0.95	14
E-3	3/12/2007 0815	7.3	0.26	1.1	0.17	0.87
E-3	3/19/2007 1135	14	0.05	0.15	0.07	0,18
E-6	10/13/2006 0100	3,700	20	115	78	330
E-6	11/1/2006 1155	962	2.4	5.3	11	40
E-6	11/11/2006 0920	619	0.67	2.1	4.1	22
E-6	12/11/2006 1210	123	ND<0.025	0.74	0.94	5.4
E-6	1/9/2007 1220	309	1.2	7.2	1.3	5
L			L	L	L	L

(Contd.)

Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
E-6	2/8/2007 1240	23	ND<0.01	0.15	0.14	0.34
E-6	3/12/2007 0820	464	3.1	33	8.8	36
E-6	3/19/2007 1145	107	0.54	8.1	1.3	6.6
E-7	10/13/2006 1400	344	0.44	3	1.2	3.6
MW -1	10/12/2006 2200	8,800	68	228	73	255
MW -1	11/1/2006 1235	1,260	3.2	7.2	11	44
MW -1	11/11/2006 0930	1,060	6.7	6.8	5.1	24
MW -1	12/11/2006 1225	182	0.5	1.4	0.65	4.5
MW -1	1/9/2007 1225	95	0.15	0.4	0.2	0.72
MW -1	2/8/2007 1250	305	3.8	11	0.9	13
MW -1	3/12/2007 0825	478	3.2	32	9.2	29
	3/19/2007 1200	107	0.54	5.5	1.3	6.6
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Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Sample ID/ Date/Time Date Sampled		Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	10/13/2006 1600	1,310	8.5	8.4	13	38
COMBINED	10/17/2006 1400	1,360	8.8	8.9	13	39
COMBINED	10/19/2006 1300	2,560	9.6	44	44	171
COMBINED	10/19/2006 1500	6,580	28	139	75	224
COMBINED	10/24/2006 1200	1,950	7.1	16	12	26
COMBINED	10/29/2006 1700	3,540	12	27	68	249
COMBINED	11/1/2006 1130	1,080	3.1	7.3	11	40
COMBINED	11/3/2006 1600	2,100	9.5	14	14	51
COMBINED	11/10/2006 0010	6,500	63	28	12	39
COMBINED	11/11/2006 0840	1,760	13	11	5.6	23
COMBINED	11/17/2006 1210	1,160	7	14	6	16
COMBINED	11/22/2006 1200	426	2	12	2.2	6.2
COMBINED	11/27/2006 1200	832	4.3	15	3.9	12

Table 1 RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLES California Linen Oakland, California

Sample ID/ Date	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	12/1/2006 1200	476	1.5	4	2.9	11
COMBINED	12/8/2006 1200	3,000	40	117	1.3	1.7
COMBINED	12/11/2006 1200	266	0.9	2.2	1.4	8.3
COMBINED	12/14/2006 0800	297	1.2	2.1	1.2	3
COMBINED	12/21/2006 1205	211	0.71	2.9	0.72	2.1
COMBINED	12/26/2006 1200	240	0.69	1.8	0.89	1.5
COMBINED	1/9/2007 1201	373	1.6	7.7	1.4	6.1
COMBINED	1/14/2007 1200	106	0.1	0.58	0.46	2
COMBINED	1/21/2007 2000	98	0.32	1.2	0.39	1.6
COMBINED	1/26/2007 1200	449	3.6	11	0.65	7.7
COMBINED	1/31/2007 1200	317	1.7	1	2.4	0.5
COMBINED	2/5/2007 0400	453	3.4	11	0.9	278
COMBINED	2/8/2007 1200	712	4.4	13	0.5	13
COMBINED	2/14/2007 1200	632	6.8	18	1.1	18
COMBINED	2/19/2007 1200	160	. 1	4.2	1.3	5.2

Table 1RESULTS OF LABORATORY ANALYSIS OF VAPOR SAMPLESCalifornia LinenOakland, California

Sample ID/	Date/Time Sampled	TPH-g (ppmv)	Benzene (ppmv)	Toluene (ppmv)	Ethylbenzene (ppmv)	Total Xylenes (ppmv)
COMBINED	2/28/2007 1200	83	0.42	1.4	0.38	0.33
COMBINED	3/6/2007 1200	350	2.4	35	8.7	34
COMBINED	3/12/2007 0800	525	3.1	44	11	46
COMBINED	3/19/2007 1100	21	0.02	0.24	0.16	0.28
Notes: ppmv TPH - g	= parts per million by volume = total petroleum hydrocarbons	- gasoline	THP-G, BTEX	analyzed by EPA 8015/8	3021	:

Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

		SYSTEM P	ARAMETERS			
TIME	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	Hydi (lbs)	rocarbon Recov (gal)	ery (Cumul. lbs)
10/12/2006 18:00	25	22	535	0.00	0.00	0
10/13/2006 1:00	25	27	3,700	4.94	0.79	4.94
10/13/2006 5:00	25	25	2,650	4.50	0.72	9.44
10/13/2006 10:00	25	26	2,370	4.36	0.70	13.80
10/13/2006 14:00	25	24	344	1.85	0.30	15.64
10/13/2006 16:00	15	210	1,310	2.63	0.42	18.28
10/17/2006 14:00	15	201	1,360	351.11	56.20	369.39
10/19/2006 13:00	15	295	2,560	311.04	49.79	680.43
10/19/2006 15:00	13	230	6,580	32.67	5.23	713.10
10/24/2006 12:00	16	215	1,950	1,511.65	241.96	2,224.75
10/29/2006 17:00	15	231	3,540	1,041.78	166.75	3,266.53
11/1/2006 11:30	15	226	1,080	477.90	76.49	3,744.43
11/3/2006 16:00	15	229	2,100	258.56	41.39	4,002.98
11/10/2006 0:10	15	211	6,500	1,959.87	313.71	5,962.86
11/11/2006 8:40	15	210	1,760	384.68	61.57	6,347.54
11/17/2006 12:10	15	213	1,160	620.12	99.26	6,967.66
11/22/2006 12:00	15	212	426	274.93	44.01	7,242.59

Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

		SYSTEM P	ARAMETERS			
TIME	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	Hydı (lbs)	ocarbon Recov (gal)	ery (Cumul. lbs)
11/27/2006 12:00	15	212	832	217.86	34.87	7,460.45
12/1/2006 12:00	15	213	476	181.65	29.07	7,642.10
12/6/2006 12:00	15	219	3,000	613.34	98.17	8,255.44
12/11/2006 12:00	15	222	266	588.29	94.16	8,843.73
12/14/2006 8:00	15	217	297	57.21	9.16	8,900.94
12/21/2006 12:05	15	210	211	127.05	20.34	9,027.99
12/26/2006 12:00	15	240	240	82.84	13.26	9,110.83
1/9/2007 12:01	15	210	373	315.49	50.50	9,426.32
1/14/2007 12:00	15	220	106	84.12	13.46	9,510.44
1/21/2007 20:00	15	214	98	53.04	8.49	9,563.48
1/26/2007 12:00	15	205	449	87.37	13.99	9,650.85
1/31/2007 12:00	15	210	317	129.84	20.78	9,780.69
2/5/2007 4:00	15	211	453	123.58	19.78	9,904.27
2/8/2007 12:00	15	214	712	134.82	21.58	10,039.10
2/14/2007 12:00	15	211	632	279.97	44.81	10,319.06
2/19/2007 12:00	15	210	160	136.19	21.80	10,455.25
2/28/2007 12:00	15	200	83	73.25	11.72	10,528.50

. Table 2 HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)

California Linen, Oakland, CA

		SYSTEM P	ARAMETERS			Í		
TIME	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	Hydrocarbon Recovery (lbs) (gal) (Cumul. lbs)				
3/6/2007 12:00	15	200	350	84.89	13.59	10,613.40		
3/12/2007 8:00	15	220	525	175.12	28.03	10,788.52		
3/19/2007 11:00	15	227	21	142.05	22.74	10,930.57		
I					انتها الأنبي المراجعين			
	TOTAL HC	RECOVERED* - LA	AB DATA	10,930.57	1,749.59			
	TOTAL HC	RECOVERED** - F	IELD ANALYZER DATA	12,246.71	1,960.26	l		
	Average HC F	ecovered*** (Fie	11,588.64	1,854.92	J			

TOTAL GROUNDWATER EXTRACTED

86,640

in of Hg = inches of mercury

ppmv = parts per million by volume

gal = gallons

lbs = pounds

scfm = standard cubic feet per minute

* Concentration data based on laboratory data.

** Based on Horiba field analyzer data.

*** Average HC Recovered using Laboratory and Horiba data





	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
10/12/2006 18:00						25	22	535	3	0.00	0.00	0
10/12/2006 19:00						25	23	2,260		0.43	0.07	0.43
10/12/2006 20:00						25	28	3,510		1.00	0.16	1.43
10/12/2006 21:00						25	25	3,980		1.35	0.22	2.78
10/12/2006 22:00						25	30	3,410		1.38	0.22	4.16
10/12/2006 23:00						25	28	3,930		1.45	0.23	5.61
10/13/2006 0:00						25	22	2,010		1.01	0.16	6.62
10/13/2006 1:00						25	27	1,909		0.65	0.10	7.28
10/13/2006 2:00						25	29	1,802		0.71	0.11	7.99
10/13/2006 3:00						25	21	1,833		0.62	0.10	8.60
10/13/2006 4:00	·					25	20	1,110		0.41	0.07	9.01
10/13/2006 5:00						25	25	1,010		0.32	0.05	9.34
10/13/2006 6:00						25	28	1,130		0.39	0.06	9.73
10/13/2006 7:00						25	26	1,180		0.42	0.07	10.15
10/13/2006 8:00						25	26	410		0.28	0.05	10.43
10/13/2006 9:00						25	30	192		0.11	0.02	10.55
10/13/2006 10:00						25	28	625		0.16	0.03	10.71
10/13/2006 11:00						25	24	797		0.25	0.04	10.96
10/13/2006 12:00						25	23	895		0.27	0.04	11.23
10/13/2006 13:00						25	26	701		0.27	0.04	11.50
10/13/2006 14:00						25	25	530		0.21	0.03	11.71
10/13/2006 15:00						25	29	302		0.15	0.02	11.86
10/13/2006 16:00						15	210	6,990		5.93	0.95	17.79
10/13/2006 20:00						15	181	5,120		64.47	10.32	82.26
10/14/2006 0:00						15	183	4,310		46.73	7.48	129.00
10/14/2006 8:00						15	199	4,330		89.87	14.39	218.87
10/14/2006 12:00						15	201	3,330		41.72	6.68	260.58

Table 3

HIGH VACUUM DUAL PHASE EXTRACTION DATA SPREADSHEET (Using Field Analyzer Data)

California Linen, Oakland, CA

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS							
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hg)	Totai System Inlet Flow (scfm)	Influent Concentrations* (pomy)	Effluent Concentrations (ppmy) *	Hyd (u (lbs)	rocarbon Reco sing Horiba Dai (gal)	very ta) (Cumul Ibs)			
10/14/2006 16:00						15	183	3 510		35.76	5 72	296 34			
10/14/2006 20:00						15	195	3 470		35.92	5.75	332 27			
10/15/2006 0:00						15	191	3 480		36.52	5 85	368 79			
10/15/2006 8:00						15	187	3,410		70.92	11.35	439.71			
10/15/2006 12:00						15	193	3.370		35.08	5.61	474.79			
10/15/2006 16:00						15	190	1,880		27.38	4.38	502.16			
10/15/2006 20:00						15	200	1,980		20.50	3.28	522.66			
10/16/2006 0:00						15	195	1,835		20.52	3.28	543.18			
10/16/2006 6:00						15	203	2,130		32.23	5.16	575.41			
10/16/2006 8:00						15	199	2,280		12.07	1.93	587.47			
10/16/2006 12:00						15	208	2,940		28.93	4.63	616.40			
10/16/2006 16:00						15	215	3,080		34.67	5.55	651.07			
10/16/2006 20:00	· · · · · · · · · · · · · · · · · · ·					15	220	3,970		41.75	6.68	692.82			
10/17/2006 0:00						15	210	4,210		47.89	7.67	740.71			
10/17/2006 4:00						15	193	2,970		39.40	6.31	780.11			
10/17/2006 4:00						15	205	3,310		0.00	0.00	780.11			
10/17/2006 8:00						15	225	2,830		35.95	5.75	816.05			
10/17/2006 12:00						15	202	2,790		32.67	5.23	848.73			
10/17/2006 16:00					······	15	201	3,670		35.45	5.67	884.17			
10/17/2006 20:00						15	210	3,020	<u></u>	37.44	5.99	921.61			
10/18/2006 0:00						15	199	2,930		33.13	5.30	954.74			
10/18/2006 4:00					·	15	204	2,890		31.93	5.11	986.67			
10/18/2006 8:00						15	195	2,510		29.33	4.70	1,016.01			
10/18/2006 12:00						15	1201	2,780		100.54	16.09	1,116.55			
10/18/2006 16:00						15	210	2,540		102.20	16.36	1,218.75			
10/18/2006 20:00						15	206	2,510		28.60	4.58	1,247.36			
10/19/2006 0:00						15	200	2,620		28.36	4.54	1,275.71			

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS						
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hq)	Total System Inlet Flow (scfm)	Influent Concentrations*	Effluent Concentrations (ppmy) *	Hyd (u (lbs)	Irocarbon Reco sing Horiba Da (gal)	very ta) (Cumut_lbs)		
10/19/2006 4:00						15	215	2 480		28.82	4 61	1 304 53		
10/19/2006 8:00						15	195	2 610		28.41	4 55	1 332 94		
10/19/2006 12:00						15	295	2,330		32.96	5.28	1 365.90		
10/19/2006 14:00						13	230	2.260		16.40	2.63	1.382.30		
10/19/2006 15:00						13	234	2.110		6.90	1,10	1,389.21		
10/19/2006 16:00						13	261	1,980		6.89	1.10	1,396.10		
10/19/2006 17:00						13	260	2,110		7.25	1.16	1,403.35		
10/19/2006 18:00						13	245	2,105		7.25	1.16	1,410.59		
10/19/2006 19:00						13	223	1,610		5.92	0.95	1,416.51		
10/19/2006 20:00						13	220	1,755		5.07	0.81	1,421.59		
10/19/2006 21:00						13	219	1,731		5.21	0.83	1,426.80		
10/19/2006 22:00						13	223	1,789		5.30	0.85	1,432.09		
10/19/2006 23:00						13	225	1,740		5.38	0.86	1,437.47		
10/20/2006 0:00	i 					13	230	1,710		5.34	0.86	1,442.82		
10/20/2006 4:00						13	233	1,663		21.26	3.40	1,464.08		
10/20/2006 8:00						13	220	1,603		20.14	3.22	1,484.22		
10/20/2006 12:00						13	236	1,723		20.65	3.31	1,504.87		
10/20/2006 16:00						13	210	1,441		19.21	3.08	1,524.08		
10/20/2006 20:00						15	200	1,507		16.46	2.63	1,540.54		
10/21/2006 0:00						15	215	1,560		17.33	2.77	1,557.87		
10/21/2006 4:00						13	230	1,610		19.21	3.07	1,577.07		
10/21/2006 8:00						13	235	1,693		20.91	3.35	1,597.99		
10/21/2006 12:00						15	201	1,510		19.01	3.04	1,617.00		
10/21/2006 16:00						15	200	1,110		14.30	2.29	1,631.30		
10/21/2006 20:00						15	205	1,067		12.00	1.92	1,643.31		
10/22/2006 0:00						15	225	1,283		13.76	2.20	1,657.07		
10/22/2006 4:00						15	225	1,623		17.80	2.85	1,674.87		

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Dopth)	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
10/22/2000 0.00	Deptiny	Depuij	Deptil	Deputy	Depthy		(sciin)	(ppmv)	(ppmv) -	(IDS)	(gai)	
10/22/2006 8:00						15	221	1,731		20.37	3.26	1,695.24
10/22/2006 12:00						15	218	1,793		21.06	3.37	1,716.30
10/22/2006 16:00						15	220	1,821		21.55	3.45	1,737.85
10/22/2006 20:00						15	195	1,220		17.18	2.75	1,755.03
10/23/2006 0:00						15	230	1,362		14.94	2.39	1,769.97
10/23/2006 4:00						15	225	1,960		20.58	3.29	1,790.55
10/23/2006 8:00						15	227	2,380		26.71	4.28	1,817.26
10/23/2006 12:00						15	219	2,460		29.39	4.70	1,846.65
10/23/2006 16:00	l 					15	223	2,730		31.23	5.00	1,877.88
10/23/2006 20:00						16	217	2,520		31.45	5.03	1,909.33
10/24/2006 0:00	· · · · · · · · · · · · · · · · · · ·					17	211	1,462		23.20	3.71	1,932.54
10/24/2006 4:00						17	210	1,936		19.48	3.12	1,952.01
10/24/2006 8:00						16	216	1,857		22.00	3.52	1,974.01
10/24/2006 12:00						16	215	1,890		21.99	3.52	1,996.00
10/24/2006 16:00						15	220	1,912		22.52	3.60	2,018.52
10/24/2006 20:00						17	211	1,887		22.29	3.57	2,040.81
10/25/2006 0:00						15	224	1,623		20.79	3.33	2,061.60
10/25/2006 4:00					······	15	226	1,676		20.21	3.24	2,081.81
10/25/2006 8:00					· · · · · · · · · · · · · · · · · · ·	16	217	1.813		21.04	3.37	2,102,86
10/25/2006 12:00						16	220	2.150		23.58	3.77	2.126.43
10/25/2006 16:00						15	228	2,340		27.39	4.38	2,153,82
10/25/2006 20:00						15	225	2,520		29.97	4.80	2,183.80
10/26/2006 0:00						15	223	2,480		30.50	4.88	2,214.29
10/26/2006 4:00						15	225	2,610		31.05	4.97	2,245.34
10/26/2006 8:00						15	227	2.580		31.94	5.11	2.277.28
10/26/2006 12:00						15	220	2.750	·	32.44	5.19	2,309.72
10/26/2006 16:00						15	231	2,870		34.51	5.52	2,344.23

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS							
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)			
	Depth)	Deptn)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(Ibs)	(gal)	(Cumul. Ibs)			
10/26/2006 20:00					<u> </u>	15	220	2,890	· · · · · · · · · · · · · · · · · · ·	35.37	5.66	2,379.59			
10/27/2006 4:00						15	231	2,750		69.26	11.09	2,448.86			
10/27/2006 8:00		L				15	229	2,830		34.95	5.59	2,483.80			
10/27/2006 12:00						15	225	2,770		34.61	5.54	2,518.42			
10/27/2006 16:00						15	227	2,730		33.85	5.42	2,552.27			
10/27/2006 20:00						15	225	2,610		32.86	5.26	2,585.13			
10/28/2006 4:00						15	226	2,530		63.12	10.10	2,648.25			
10/28/2006 8:00						15	228	2,650		32.02	5.13	2,680.27			
10/28/2006 12:00						15	225	2,810		33.68	5.39	2,713.95			
10/28/2006 16:00						15	219	2,770		33.73	5.40	2,747.68			
10/28/2006 20:00						15	230	2,620		32.95	5.27	2,780.63			
10/29/2006 4:00						15	221	2,750		65.95	10.56	2,846.57			
10/29/2006 8:00						_ 15	225	2,420		31.39	5.03	2,877.97			
10/29/2006 12:00						15	230	2,130		28.19	4.51	2,906.15			
10/29/2006 16:00						15	231	2,170		26.99	4.32	2,933.14			
10/29/2006 20:00						15	220	2,220		26.96	4.31	2,960.10			
10/30/2006 4:00						15	221	2,240		53.56	8.57	3,013.66			
10/30/2006 8:00						15	227	2,580		29.40	4.71	3,043.06			
10/30/2006 12:00						15	223	2,620		31.86	5.10	3,074.92			
10/30/2006 16:00						15	228	2,570		31.87	5.10	3,106.78			
10/30/2006 20:00						15	225	2,580		31.76	5.08	3,138.55			
10/31/2006 4:00						15	225	2,310		59.92	9.59	3,198.47			
10/31/2006 8:00						15	227	2,400		28.99	4.64	3,227.45			
10/31/2006 12:00						15	228	2,430		29.92	4.79	3,257.37			
10/31/2006 16:00						15	226	2,460		30.23	4.84	3,287.60			
10/31/2006 20:00						15	227	2,480		30.47	4.88	3,318.07			
11/1/2006 4:00						15	228	2,470		61.33	9.82	3,379.40			

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hyd (u (lbs)	rocarbon Reco sing Horiba Da (gal)	very ta) (Cumul. Ibs)
11/1/2006 8:00						15	226	2,530		30.91	4.95	3,410.30
11/1/2006 12:00						15	227	2,580		31.52	5.04	3,441.82
11/1/2006 16:00						15	230	2,420		31.11	4.98	3,472.93
11/1/2006 20:00						15	225	2,400		29.86	4.78	3,502.79
11/2/2006 4:00						15	225	2,380		58.57	9.38	3,561.36
11/2/2006 8:00						15	220	2,350		28.66	4.59	3,590.02
11/2/2006 12:00						15	231	2,310		28.61	4.58	3,618.63
11/2/2006 16:00						15	226	2,290		28.62	4.58	3,647.25
11/2/2006 20:00						15	232	2,260		28.37	4.54	3,675.62
11/3/2006 4:00						15	230	2,180		55.86	8.94	3,731.48
11/3/2006 8:00						15	226	2,150		26.88	4.30	3,758.36
11/3/2006 12:00						15	225	2,010		25.54	4.09	3,783.91
11/3/2006 16:00						15	229	2,200		26.02	4.17	3,809.93
11/3/2006 20:00						15	225	2,170		27.01	4.32	3,836.94
11/4/2006 4:00						15	231	2,120		53.27	8.53	3,890.21
11/4/2006 8:00						15	225	2,050		25.89	4.14	3,916.10
11/4/2006 12:00						15	220	2,030		24.72	3.96	3,940.82
11/4/2006 16:00						15	223	1,993		24.26	3.88	3,965.08
11/4/2006 20:00						15	227	1,985		24.37	3.90	3,989.46
11/5/2006 4:00						15	220	1,970		48.14	7.71	4,037.60
11/5/2006 8:00						15	227	1,956		23.89	3.82	4,061.49
11/5/2006 12:00						15	232	1,934		24.31	3.89	4,085.80
11/5/2006 16:00						15	229	1,942		24.33	3.89	4,110.13
11/5/2006 20:00						15	225	1,961		24.13	3.86	4,134.25
11/6/2006 4:00						15	219	1,936		47.12	7.54	4,181.37
11/6/2006 8:00						15	227	1,902		23.31	3.73	4,204.67
11/6/2006 14:00						23	56	1,316		18.60	2.98	4,223.27
	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
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TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
11/6/2006 14:30						23	50	1,295		0.47	0.08	4,223.74
11/6/2006 15:00						22	64	1,270		0.50	0.08	4,224.24
11/6/2006 15:30						22	64	1,198		0.54	0.09	4,224.78
11/6/2006 16:00						22	60	1,242		0.51	0.08	4,225.29
11/6/2006 16:30						22	63	1,256		0.52	0.08	4,225.81
11/6/2006 17:00						22	65	1,236		0.54	0.09	4,226.36
11/6/2006 17:30						22	65	1,191	l	0.54	0.09	4,226.89
11/6/2006 18:00						18	75	1,587		0.66	0.11	4,227.56
11/6/2006 18:30						18	77	1,595		0.82	0.13	4,228.38
11/6/2006 19:00						18	76	1,575		0.83	0.13	4,229.20
11/6/2006 19:30						18	76	1,568		0.81	0.13	4,230.02
11/6/2006 20:00						18	78	1,543		0.82	0.13	4,230.83
11/6/2006 20:30						18	77	1,511		0.81	0.13	4,231.64
11/6/2006 21:00						18	75	1,500		0.78	0.12	4,232.42
11/6/2006 21:30						18	76	1,492		0.77	0.12	4,233.19
11/6/2006 22:00						25	24	1,610		0.53	0.08	4,233.71
11/6/2006 22:30						25	25	1,565		0.26	0.04	4,233.98
11/6/2006 23:00						25	26	1,527		0.27	0.04	4,234.25
11/6/2006 23:30						25	24	1,493		0.26	0.04	4,234.50
11/7/2006 0:00						25	23	1,479		0.24	0.04	4,234.74
11/7/2006 0:30						25	25	1,446		0.24	0.04	4,234.98
11/7/2006 1:00						25	25	1,418		0.24	0.04	4,235.23
11/7/2006 1:30						25	24	1,399		0.23	0.04	4,235.46
11/7/2006 2:00						25	23	1,376		0.22	0.04	4,235.68
11/7/2006 11:00						18	75	1,546		8.77	1.40	4,244.45
11/7/2006 11:30						18	77	1,554		0.80	0.13	4,245.26
11/7/2006 12:00		· · · · · · · · · · · · · · · · · · ·				18	74	1,539		0.79	0.13	4,246.05

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Denth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Dopth)	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco Ising Horiba Da	very ta)
11/7/2006 12:20	Deptily		Depuij		Deptit)		(sciiii)	(ppmv)	(ppmv)	(IDS)	(gai)	(Cumul. IDS)
11/7/2000 12:30						18	75	1,542		0.78	0.13	4,246.83
11/7/2000 13:00						18	78	1,536		0.80	0.13	4,247.63
11/7/2006 13:30						18	76	1,522	· · · · · · · · · · · · · · · · · · ·	0.80	0.13	4,248.44
11///2006 14:00						18	78	1,519		0.80	0.13	4,249.23
11/7/2006 14:30						18	75	1,525		0.79	0.13	4,250.02
11/7/2006 15:00					······································	18	74	1,516		0.77	0.12	4,250.80
11/8/2006 2:00						15	221	1,846		37.13	5.94	4,287.93
11/8/2006 8:00						15	217	1,834		32.92	5.27	4,320.85
11/8/2006 12:00						15	215	1,838		21.60	3.46	4,342.45
11/8/2006 16:00						15	219	1,825		21.64	3.46	4,364.09
11/8/2006 20:00						15	218	1,820		21.69	3.47	4,385.78
11/9/2006 4:00						15	215	1,810		42.80	6.85	4,428.58
11/9/2006 8:00						15	210	1,817		20.99	3.36	4,449.56
11/9/2006 12:00						15	212	1,789		20.72	3.32	4,470.28
11/9/2006 16:00						15	214	1,793		20.78	3.33	4,491,06
11/9/2006 20:00						15	215	1,765		20.78	3.33	4,511.84
11/10/2006 4:00						15	211	1,773		41.04	6 57	4 552 88
11/10/2006 8:00						15	213	1 760		20.40	3.26	4 573 27
11/10/2006 12:00						15	210	1.767		20.31	3 25	4 593 59
11/10/2006 16:00					·	15	212	1 751		20.21	3 24	4 613 80
11/10/2006 20:00						15	215	1,758		20.40	3 27	4 634 20
11/11/2006 4:00						15	214	1 762		41 12	6.58	4 675 32
11/11/2006 8:00						15	210	1 751		20.28	3.25	4,070.02
11/11/2006 12:00						15	211	1 764		20.20	2.20	4,035.00
11/11/2006 16:00						15	211	1 756		20.15	3.22	4,710.70
11/11/2006 20.00						15	219	1,750		20.37	3.20	4,750.11
11/12/2006 4:00						15	212	1,752		40.35	6.46	4,796.85

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (u	Irocarbon Reco sing Horiba Da	ivery ta)
11/12/2006 8:00			Deptil)	Deptiti)	Depth)	(III of Hg)	(scim)	(ppmv)	(ppmv) *	(IDS)	(gal)	(Cumul. Ibs)
11/12/2006 8:00	· ····					15	213	1,745		20.14	3.22	4,816.99
11/12/2006 12:00						15	215	1,747		20.35	3.26	4,837.34
11/12/2006 16:00						15	214	1,751		20.43	3.27	4,857.77
11/12/2006 20:00						15	210	1,743		20.17	3.23	4,877.94
11/13/2006 4:00						15	214	1,732		40.12	6.42	4,918.06
11/13/2006 8:00						15	212	1,727		20.06	3.21	4,938.12
11/13/2006 12:00						15	211	1,721		19.86	3.18	4,957.98
11/13/2006 16:00						15	215	1,716		19.93	3.19	4,977.91
11/13/2006 20:00						15	212	1,724		20.00	3.20	4,997.91
11/14/2006 4:00						15	212	1,710		39.65	6.35	5,037.56
11/14/2006 8:00						15	210	1,698		19.58	3.13	5,057.14
11/14/2006 12:00						15	211	1,693		19.44	3.11	5,076.58
11/14/2006 16:00						15	211	1,697		19.48	3.12	5,096.05
11/14/2006 20:00						15	214	1,704		19.68	3.15	5,115.73
11/15/2006 4:00						15	215	1,686		39.60	6.34	5,155.33
11/15/2006 8:00						15	211	1,691		19.59	3.14	5,174,92
11/15/2006 12:00						15	210	1,683		19.34	3.10	5,194,26
11/15/2006 16:00						15	212	1.679		19.32	3.09	5 213 58
11/15/2006 20:00						15	214	1,675		19.45	3.11	5,233.03
11/16/2006 4:00						15	213	1.670		38,89	6.23	5 271 92
11/16/2006 8:00						15	216	1.667		19 49	3 12	5 291 41
11/16/2006 12:00						15	214	1 659		19.47	3 12	5 310 88
11/16/2006 16:00						15	210	1 651		19 11	3.06	5 329 90
11/16/2006 20:00						15	212	1,660		19.02	3.04	5 349 02
11/17/2006 4:00						15	210	1 646	·	37 99	6 08	5 387 00
11/17/2006 8:00						15	211	1 632		18 79	3.01	5 405 79
11/17/2006 12:00						15	213	1,621		18.78	3.01	5,424.57

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (u	Irocarbon Reco Ising Horiba Da	very ta)
	Deptn)	Deptn)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
11/17/2006 16:00						15	212	1,638		18.86	3.02	5,443.43
11/17/2006 20:00						15	215	1,629		18.99	3.04	5,462.42
11/18/2006 4:00						15	210	1,624		37.65	6.03	5,500.07
11/18/2006 8:00						15	211	1,614		18.56	2.97	5,518.63
11/18/2006 12:00	<u>-</u>					15	214	1,620		18.71	3.00	5,537.34
11/18/2006 16:00						15	215	1,624		18.95	3.03	5,556.29
11/18/2006 20:00						15	213	1,616		18.88	3.02	5,575.17
11/19/2006 4:00						15	213	1,607		37.39	5.98	5,612.56
11/19/2006 8:00						15	210	1,610		18.53	2.97	5,631.08
11/19/2006 12:00						15	212	1,589		18.38	2.94	5,649.46
11/19/2006 16:00						15	214	1,607		18.54	2.97	5,668.00
11/19/2006 20:00						15	210	1,596		18.49	2.96	5,686.49
11/20/2006 4:00						15	211	1,602		36.66	5.87	5,723.15
11/20/2006 8:00						15	215	1,587		18.50	2.96	5,741.65
11/20/2006 12:00						15	210	1,581		18.33	2.93	5,759.98
11/20/2006 16:00					_	15	213	1,576		18.18	2.91	5,778.16
11/20/2006 20:00						15	214	1,582		18.36	2.94	5,796.52
11/21/2006 4:00						15	211	1,579		36.58	5.86	5,833.10
11/21/2006 8:00						15	210	1,574		18.07	2.89	5,851.18
11/21/2006 12:00						15	211	1,566		18.00	2.88	5,869.17
11/21/2006 16:00						15	213	1,575		18.13	2.90	5,887.31
11/21/2006 20:00						15	209	1,572		18.08	2.89	5,905.39
11/22/2006 4:00						15	210	1,577		35.93	5.75	5,941.31
11/22/2006 8:00						15	215	1,563		18.17	2.91	5,959.48
11/22/2006 12:00						15	212	1,560		18.16	2.91	5,977.64
11/22/2006 16:00						15	211	1,566		18.00	2.88	5,995.64
11/22/2006 20:00]	15	214	1,561		18.09	2.90	6,013.74

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depui	Deptn)	Deptn)	Deptn)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
11/23/2006 4:00						15	214	1,558		36.35	5.82	6,050.09
11/23/2006 8:00						15	213	1,554		18.09	2.90	6,068.18
11/23/2006 12:00						15	215	1,559		18.14	2.90	6,086.32
11/23/2006 16:00		·				15	214	1,562		18.23	2.92	6,104.55
11/23/2006 20:00						15	210	1,545		17.94	2.87	6,122.48
11/24/2006 4:00						15	214	1,534		35.55	5.69	6,158.03
11/24/2006 8:00						15	211	1,541		17.79	2.85	6,175.83
11/24/2006 12:00						15	209	1,539		17.61	2.82	6,193.44
11/24/2006 16:00						15	209	1,535		17.49	2.80	6,210.93
11/24/2006 20:00						15	212	1,540		17.63	2.82	6,228.56
11/25/2006 4:00						15	211	1,531		35.37	5.66	6,263.93
11/25/2006 8:00						15	215	1,529		17.75	2.84	6,281.68
11/25/2006 12:00						15	210	1,524		17.67	2.83	6,299.34
11/25/2006 16:00						15	212	1,520		17.49	2.80	6,316.83
11/25/2006 20:00						15	213	1,517		17.57	2.81	6,334.41
11/26/2006 4:00						15	211	1,510		34.95	5.59	6,369.36
11/26/2006 8:00						15	213	1,492		17.33	2.77	6,386.69
11/26/2006 12:00						15	214	1,514		17.48	2.80	6,404.16
11/26/2006 16:00						15	211	1,518		17.54	2.81	6,421.71
11/26/2006 20:00						15	215	1,509		17.56	2.81	6,439.26
11/27/2006 4:00						15	213	1,495		35.01	5.60	6,474.27
11/27/2006 8:00						15	215	1,482		17.35	2.78	6.491.62
11/27/2006 12:00						15	212	1,486		17.25	2.76	6,508.87
11/27/2006 16:00						15	212	1,479		17.12	2.74	6,525.99
11/27/2006 20:00						15	214	1,472		17.12	2.74	6,543.11
11/28/2006 4:00						15	215	1,485		34.54	5.53	6,577.65
11/28/2006 8:00						15	214	1,474		17.28	2.77	6,594.93

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Ha)	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco sing Horiba Da	very ta)
11/28/2006 12:00	Oopany		Depuij	Deputy	Depuily	(110119)		(ppinv)	(ppinv)	(105)	(gai)	
11/28/2006 16:00						10	212	1,472		17.09	2.73	6,612.02
11/28/2006 20:00						10	213	1,473		17.04	2.73	6,629.06
11/20/2006 4:00						15	214	1,483		17.19	2.75	6,646.24
11/29/2006 4.00						15	213	1,486		34.52	5.53	6,680.77
11/29/2006 6.00						15	213	1,484		17.23	2.76	6,697.99
11/29/2006 12:00						15	211	1,485		17.14	2.74	6,715.13
11/29/2006 16:00	······					15	215	1,480		17.20	2.75	6,732.33
11/29/2006 20:00						15	214	1,477	n	17.27	2.76	6,749.60
11/30/2006 4:00						15	214	1,483		34.50	5.52	6,784.10
11/30/2006 8:00						15	215	1,479		17.30	2.77	6,801.40
11/30/2006 12:00						15	212	1,477		17.19	2.75	6,818.58
11/30/2006 16:00						15	213	1,469		17.05	2.73	6,835.63
11/30/2006 20:00						15	213	1,472		17.06	2.73	6,852.69
12/1/2006 4:00						15	212	1,471		34.06	5.45	6,886.75
12/1/2006 8:00						15	214	1,473		17.08	2.73	6,903.82
12/1/2006 12:00						15	213	1,470		17.11	2.74	6,920.93
12/1/2006 16:00						15	215	1,472		17.14	2.74	6,938.07
12/1/2006 20:00						15	210	1,469		17.02	2.72	6,955.09
12/2/2006 4:00						15	212	1,479		33.88	5.42	6,988.97
12/2/2006 8:00	·					15	216	1,475		17.21	2.76	7,006.18
12/2/2006 12:00						15	208	1,471		17.01	2.72	7,023.19
12/2/2006 16:00						15	214	1,469		16.89	2.70	7,040.08
12/2/2006 20:00						15	217	1,467		17.23	2.76	7,057.31
12/3/2006 4:00						15	221	1,483		35.18	5.63	7,092.49
12/3/2006 8:00						15	218	1,481		17.72	2.84	7,110.21
12/3/2006 12:00						15	220	1,479		17.65	2.83	7,127.86
12/3/2006 16:00						15	217	1,476		17.58	2.81	7,145.44

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
12/3/2006 20:00						15	210	1,471		17.13	2.74	7,162.57
12/4/2006 4:00						15	219	1,477		34.44	5.51	7,197.01
12/4/2006 8:00						15	217	1,475		17.52	2.80	7,214.53
12/4/2006 12:00						15	215	1,472		17.33	2.77	7,231.87
12/4/2006 16:00				_		15	210	1,469		17.02	2.72	7,248.88
12/4/2006 20:00						15	212	1,456		16.81	2.69	7,265.69
12/5/2006 4:00						15	208	1,470		33,46	5.36	7,299.15
12/5/2006 8:00						15	216	1,467		16.95	2.71	7,316.11
12/5/2006 12:00						15	210	1,463		16.99	2.72	7,333.10
12/5/2006 16:00						15	219	1,460		17.07	2.73	7,350.18
12/5/2006 20:00						15	215	1,461		17.26	2.76	7,367.44
12/6/2006 4:00						15	212	1,475		34.14	5.46	7,401.57
12/6/2006 8:00						15	223	1,473		17.46	2.79	7,419.03
12/6/2006 12:00						15	219	1,473		17.73	2.84	7,436.76
12/6/2006 16:00						15	213	1,469		17.30	2.77	7,454.06
12/6/2006 20:00						15	210	1,466		16.90	2.71	7,470.97
12/7/2006 4:00						15	220	1,476		34.45	5.51	7,505.42
12/7/2006 8:00						15	210	1,472		17.26	2.76	7,522.67
12/7/2006 12:00						15	216	1,469		17.06	2.73	7,539.73
12/7/2006 16:00						15	220	1,469		17.44	2.79	7,557.17
12/7/2006 20:00						15	214	1,465		17.34	2.77	7,574.51
12/8/2006 4:00						15	219	1,474		34.65	5.55	7,609.16
12/8/2006 8:00						15	213	1,471		17.32	2.77	7,626.48
12/8/2006 12:00						15	217	1,468		17.21	2.75	7,643.69
12/8/2006 16:00						15	220	1,465		17.45	2.79	7,661.14
12/8/2006 20:00						15	212	1,463		17.22	2.76	7,678.36
12/9/2006 4:00						15	225	1,475		34.96	5.60	7,713.32

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyc (u	Irocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
12/9/2006 8:00	 					15	221	1,473		17.90	2.87	7,731.22
12/9/2006 12:00						15	226	1,471		17.92	2.87	7,749.14
12/9/2006 16:00	·					15	220	1,469		17.85	2.86	7,766.99
12/9/2006 20:00						15	219	1,466		17.54	2.81	7,784.54
12/10/2006 4:00						15	212	1,477		34.54	5.53	7,819.07
12/10/2006 8:00						15	210	1,475		16.96	2.71	7,836.04
12/10/2006 12:00						15	216	1,472		17.09	2.74	7,853.13
12/10/2006 16:00						15	214	1,467		17.21	2.75	7,870.33
12/10/2006 20:00						15	217	1,464		17.20	2.75	7,887.53
12/11/2006 4:00						15	220	1,474		34.96	5.60	7,922.49
12/11/2006 8:00						15	225	1,473		17.85	2.86	7,940.35
12/11/2006 12:00						15	222	1,470		17.91	2.87	7,958.26
12/11/2006 16:00						15	215	1,468		17.48	2.80	7,975.74
12/11/2006 20:00						15	210	1,463		16.96	2.71	7,992.70
12/12/2006 4:00						15	219	1,468		34.24	5.48	8,026.94
12/12/2006 8:00						15	225	1,464		17.72	2.84	8,044.66
12/12/2006 12:00						15	217	1,459		17.59	2.82	8,062.25
12/12/2006 16:00						15	210	1,456		16.95	2.71	8,079.20
12/12/2006 20:00						15	210	1,450		16.62	2.66	8,095.82
12/13/2006 4:00						15	230	1,452		34.77	5.57	8,130.59
12/13/2006 8:00						15	225	1,449		17.97	2.88	8,148.56
12/13/2006 12:00						15	223	1,444		17.65	2.82	8,166.20
12/13/2006 16:00						15	220	1,440		17.39	2.78	8,183.60
12/13/2006 20:00						15	210	1,434		16.83	2.69	8,200.42
12/14/2006 4:00						15	219	1,436		33.53	5.37	8,233.95
12/14/2006 8:00						15	217	1,431		17.02	2.72	8,250.97
12/14/2006 12:00						15	215	1,427		16.81	2.69	8,267.78

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hyd (u (lbs)	rocarbon Reco sing Horiba Da (gal)	very ta) (Cumul. lbs)
12/14/2006 16:00						15	220	1,425		16.89	2.70	8,284.67
12/14/2006 20:00						15	210	1,419		16.65	2.67	8,301.32
12/15/2006 4:00						15	220	1,421		33.25	5.32	8,334.57
12/15/2006 8:00					(110-	15	215	1,416		16.80	2.69	8 <u>,</u> 351.38
12/15/2006 12:00						15	225	1,405		16.90	2.70	8,368.28
12/15/2006 16:00						15	219	1,397		16.94	2.71	8,385.21
12/15/2006 20:00			1			15	219	1,391		16.63	2.66	8,401.84
12/16/2006 4:00						15	221	1,399		33.43	5.35	8,435.27
12/16/2006 8:00						15	220	1,397		16.79	2.69	8,452.05
12/16/2006 12:00						15	217	1,390		16.58	2.65	8,468.64
12/16/2006 16:00						15	219	1,385		16.47	2.64	8,485.11
12/16/2006 20:00						15	215	1,382		16.35	2.62	8,501.46
12/17/2006 4:00						15	210	1,384		32.01	5.12	8,533.47
12/17/2006 8:00						15	212	1,380		15.88	2.54	8,549.35
12/17/2006 12:00						15	217	1,378		16.11	2.58	8,565.46
12/17/2006 16:00						15	220	1,373		16.37	2.62	8,581.83
12/17/2006 20:00						15	215	1,365		16.22	2.60	8,598.04
12/18/2006 4:00						15	210	1,368		31.63	5.06	8,629.67
12/18/2006 8:00						15	205	1,365		15.44	2.47	8,645.11
12/18/2006 12:00				L		15	200	1,359		15.02	2.40	8,660.13
12/18/2006 16:00						15	220	1,345		15.46	2.47	8,675.60
12/18/2006 20:00				ļ		15	215	1,339		15.90	2.54	8,691.49
12/19/2006 4:00						15	220	1,341		31.74	5.08	8,723.24
12/19/2006 8:00				 	<u></u>	15	210	1,336		15.67	2.51	8,738.91
12/19/2006 12:00		ļ			L	15	215	1,330		15.43	2.47	8,754.34
12/19/2006 16:00		ļ	ļ,		 	15	225	1,326		15.91	2.55	8,770.25
12/19/2006 20:00						15	209	1,322		15.65	2.50	8,785.89

		F : day = +4 =	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Extraction Well # E-1 (Stinger	Extraction Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydr (us	ocarbon Reco ing Horiba Dal	very ta) (Cumul Ibs)
-	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppniv)	00.44	(901)	0.015.21
12/20/2006 4:00						15	200	1,319		29.41	9.71	0,010.01
12/20/2006 8:00						15	220	1,313		15.05	2.41	0,030.30
12/20/2006 12:00						15	225	1,302		15.84	2.54	8,846.20
12/20/2006 16:00						15	210	1,297		15.39	2.46	8,861.59
12/20/2006 20:00				ļ		15	215	1,294		14.99	2.40	8,876.59
12/21/2006 4:00						15	205	1,288		29.53	4.73	8,906.11
12/21/2006 8:00						15	205	1,279		14.33	2.29	8,920.44
12/21/2006 12:00						15	210	1,274		14.43	2.31	8,934.87
12/21/2006 18:00						15	200	1,270		0.00	0.00	8,934.87
12/21/2006 20:00						15	215	1,269		7.17	1.15	8,942.04
12/22/2006 4:00						15	210	1,269		29.37	4.70	8,971.41
12/22/2006 8:00						15	205	1,260		14.29	2.29	8,985.70
12/22/2006 12:00						15	200	1,256		13.87	2.22	8,999.58
12/22/2006 16:00			T			15	220	1,247		14.31	2.29	9,013.89
12/22/2006 20:00						15	215	1,243		14.75	2.36	9,028.64
12/23/2006 4:00	1		+			15	230	1,245		30.15	4.83	9,058.78
12/23/2006 8:00				1		15	215	1,239		15.05	2.41	9,073.83
12/23/2006 12:00				1		15	225	1,233		14.81	2.37	9,088.64
12/23/2006 16:00						15	210	1,227		14.57	2.33	9,103.21
12/23/2006 20:00		1			1	15	220	1,218		14.31	2.29	9,117.53
12/20/2000 20:00					1	15	210	1,208		28.41	4.55	9,145.93
12/24/2006 9:00						15	200	1,201		13.45	2.15	9,159.38
12/24/2006 8:00			+		1	15	220	1,193		13.69	2.19	9,173.07
12/24/2006 12:00						15	225	1.189		14.43	2.31	9,187.50
12/24/2006 16:00			+	-		15	215	1,180		14.19	2.27	9,201.69
12/24/2006 20:00	-			+		15	215	1 182		27.66	4.43	9,229.35
12/25/2006 4:00						15	230	1 177		14.29	2.29	9,243.64
12/25/2006 8·00	1	1	1		1	10	200			.	A	,

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (us	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(IDS)	(gai)	(Cumui, ibs)
12/25/2006 12:00		. <u>.</u>				15	220	1,169		14.37	2.30	9,258.02
12/25/2006 16:00						15	210	1,151		13.58	2.17	9,271.60
12/25/2006 20:00						15	200	1,148		12.83	2.05	9,284.43
12/26/2006 4:00						15	205	1,145		25.29	4.05	9,309.72
12/26/2006 8:00						15	210	1,139		12.91	2.07	9,322.62
12/26/2006 12:00						15	240	1,132		13.91	2.23	9,336.54
12/26/2006 16:00						15	215	1,127		13.99	2.24	9,350.53
12/26/2006 20:00						15	230	1,119		13.61	2.18	9,364.14
12/27/2006 4:00					· · · · · · · · · · · · · · · · · · ·	15	215	1,122		27,15	4.35	9,391.29
12/27/2006 8:00						15	200	1,117		12.65	2.02	9,403.94
12/27/2006 12:00						15	220	1,112		12.75	2.04	9,416.69
12/27/2006 16:00						15	205	1,105		12.83	2.05	9,429.52
12/27/2006 20:00						. 15	210	1,099		12.45	1.99	9,441.97
12/28/2006 4:00						15	220	1,095		25.69	4.11	9,467.66
12/28/2006 8:00						15	205	1,087		12.63	2.02	9,480.29
12/28/2006 12:00						15	230	1,081		12.84	2.06	9,493.13
12/28/2006 16:00						15	215	1,069		13.03	2.09	9,506.15
12/28/2006 20:00						15	210	1,063		12.34	1.97	9,518.49
12/29/2006 4:00						15	210	1,061		24.29	3.89	9,542.78
12/29/2006 8:00						15	225	1,058		12.55	2.01	9,555.33
12/29/2006 12:00						15	220	1,053		12.79	2.05	9,568.12
12/29/2006 16:00						15	215	1,047		12.44	1.99	9,580.56
12/29/2006 20:00						15	230	1,039		12.64	2.02	9,593.20
12/30/2006 4:00						15	210	1,036		24.86	3.98	9,618.06
12/30/2006 8:00						15	225	1,029		12.23	1.96	9,630.29
12/30/2006 12:00						15	220	1,020		12.41	1.99	9,642.70
12/30/2006 16:00						15	230	1,014		12.46	1.99	9,655.16

		Extraction	Extraction	Extraction	Extraction	system parameters						
TIME	Well # E-1	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydi (us	rocarbon Reco sing Horiba Dat	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
12/30/2006 20:00						15	215	1,006		12.24	1.96	9,667.40
12/31/2006 4:00						15	225	1,002		24.06	3.85	9,691.46
12/31/2006 8:00						15	210	995		11.83	1.89	9,703.29
12/31/2006 12:00						15	220	987		11.60	1.86	9,714.89
12/31/2006 16:00						15	215	980		11.65	1.86	9,726.54
12/31/2006 20:00						15	200	977		11.06	1.77	9,737.60
1/1/2007 4:00						15	230	974		22.84	3.66	9,760.44
1/1/2007 8:00						15	210	970		11.65	1.86	9,772.09
1/1/2007 12:00						15	215	967		11.21	1.79	9,783.30
1/1/2007 16:00						15	200	962		10.90	1.74	9,794.20
1/1/2007 20:00						15	220	959		10.98	1.76	9,805.18
1/2/2007 4.00			1			15	205	957		22.17	3.55	9,827.35
1/2/2007 8:00						15	220	951	L	11.04	1.77	9,838.39
1/2/2007 12:00						15	210	948		11.12	1.78	9,849.51
1/2/2007 16:00						15	215	943		10.94	1.75	9,860.45
1/2/2007 20:00						15	225	939		11.27	1.80	9,871.73
1/3/2007 4:00	1		1		1	15	230	936		23.23	3.72	9,894.96
1/3/2007 8:00		1				15	210	933		11.20	1.79	9,906.16
1/3/2007 12:00						15	200	929		10.39	1.66	9,916.55
1/3/2007 16:00	1	1		1		15	220	926		10.61	1.70	9,927.16
1/3/2007 20:00	1		1			15	215	920		10.93	1.75	9,938.09
1/4/2007 4:00			-			15	200	918		20.77	3.32	9,958.86
1/4/2007 4:00	-		-			15	230	916		10.74	1.72	9,969.60
1/4/2007 12:00	-	-				15	210	912		10.95	1.75	9,980.55
1/4/2007 12:00	1		-			15	215	909		10.54	1.69	9,991.08
1/4/2007 10:00		-	+		-	15	220	901		10.72	1.72	10,001.80
1/5/2007 4:00		-			-	15	200	899		20.59	3.30	10,022.39

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(IDS)	(gai)	(Cumul. lbs)
1/5/2007 8:00		·	,,			15	220	894		10.25	1.64	10,032.64
1/5/2007 12:00					<u></u>	15	230	890		10.93	1.75	10,043.57
1/5/2007 16:00						15	210	887		10.65	1.70	10,054.22
1/5/2007 20:00						15	225	880		10.47	1.68	10,064.68
1/6/2007 4:00					· · · · · · · · · · · · · · · · · · ·	15	230	879		21.79	3.49	10,086.48
1/6/2007 8:00						15	210	873		10.50	1.68	10,096.97
1/6/2007 12:00				· · ·		15	225	870		10.32	1.65	10,107.30
1/6/2007 16:00	· · · · · · · · · · · · · · · · · · ·					15	215	867		10.41	1.67	10,117.70
1/6/2007 20:00						15	205	865		9.90	1.59	10,127.61
1/7/2007 4:00						15	200	863		19.06	3.05	10,146.66
1/7/2007 8:00						15	220	860		9.85	1.58	10,156.51
1/7/2007 12:00		L				15	210	857		10.05	1.61	10,166.57
1/7/2007 16:00		L <u></u>				15	230	851		10.23	1.64	10,176.80
1/7/2007 20:00						15	215	847		10.29	1.65	10,187.09
1/8/2007 4:00						15	215	845		19.81	3.17	10,206.90
1/8/2007 8:00			L			15	230	841	·	10.21	1.64	10,217.11
1/8/2007 12:00						15	210	837		10.05	1.61	10,227.17
1/8/2007 16:00						15	_220	831		9.77	1.56	10,236.93
1/8/2007 20:00						15	200	826		9.48	1.52	10,246.41
1/9/2007 4:00						15	210	823		18.41	2.95	10,264.82
1/9/2007 8:00						15	200	819		9.17	1.47	10,273.98
1/9/2007 12:00						15	215	814		9.23	1.48	10,283.21
1/9/2007 16:00						15	230	811		9.85	1.58	10,293.05
1/9/2007 20:00						15	220	807		9.91	1.59	10,302.97
1/10/2007 4:00						15	205	805		18.66	2.99	10,321.62
1/10/2007 8:00						15	220	801		9.29	1.49	10,330.91
1/10/2007 12:00						15	210	797		9.36	1.50	10,340.27

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
1/10/2007 16:00						15	200	794		8.88	1.42	10,349.15
1/10/2007 20:00						15	230	790		9.27	1.48	10,358.42
1/11/2007 4:00						15	200	846		19.16	3.07	10,377.58
1/11/2007 8:00						15	210	844		9.43	1.51	10,387.01
1/11/2007 12:00						15	205	840		9.51	1.52	10,396.53
1/11/2007 16:00						15	220	836		9.70	1.55	10,406.23
1/11/2007 20:00						15	230	831		10.21	1.63	10,416.44
1/12/2007 4:00						15	225	829		20.57	3.29	10,437.01
1/12/2007 8:00						15	215	823		9.90	1.58	10,446.90
1/12/2007 12:00						15	210	819		9.50	1.52	10,456.41
1/12/2007 16:00						15	200	817		9.13	1.46	10,465.54
1/12/2007 20:00						15	220	812		9.32	1.49	10,474.85
1/13/2007 4:00						15	200	810		18.55	2.97	10,493.40
1/13/2007 8:00						15	220	807		9.25	1.48	10,502.65
1/13/2007 12:00						15	205	805		9.33	1.49	10,511.98
1/13/2007 16:00						15	230	796		9.48	1.52	10,521.46
1/13/2007 20:00						15	210	794		9.53	1.52	10,530.98
1/14/2007 4:00						15	210	792		18.14	2.90	10,549,12
1/14/2007 8:00						15	214	790		9.13	1.46	10,558.25
1/14/2007 12:00						15	220	787		9.32	1.49	10,567.57
1/14/2007 16:00						15	218	789		9.40	1.50	10,576.97
1/14/2007 20:00						15	218	786		9.35	1.50	10,586.32
1/15/2007 4:00						15	216	783		18.54	2.97	10,604.86
1/15/2007 8:00						15	220	780		9.28	<u>1.</u> 49	10,614.14
1/15/2007 12:00						15	212	776		9.15	1,46	10,623.29
1/15/2007 16:00						15	208	773		8.86	1.42	10,632.15
1/15/2007 20:00						15	218	770		8.95	1.43	10,641.10

6.000 mm	·····	Fideradia-	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Extraction Well # E-1 (Stinger Depth)	Well # E-2 (Stinger Depth)	Well # E-3 (Stinger Depth)	Well # E-6 (Stinger Depth)	Well # MW-1 (Stinger Depth)	System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	Hydr (us (Ibs)	rocarbon Reco sing Horiba Da (gal)	very ta) (Cumul. lbs)
1/16/2007 4.00						15	214	765		18.06	2.89	10,659.16
1/16/2007 8:00						15	210	760		8.80	1.41	10,667.96
1/16/2007 12:00						15	214	757		8.76	1.40	10,676.72
1/16/2007 16:00						15	216	753		8.84	1.42	10,685.56
1/16/2007 20:00						15	218	751		8.89	1.42	10,694.44
1/17/2007 4:00						15	210	748		17.47	2.80	10,711.91
1/17/2007 8:00						15	216	746		8.67	1.39	10,720.58
1/17/2007 12:00						15	214	740		8.70	1.39	10,729.28
1/17/2007 16:00						15	220	737		8.73	1.40	10,738.01
1/17/2007 20:00						15	216	732		8.72	1.40	10,746.73
1/18/2007 4:00			·			15	214	726		17.07	2.73	10,763.80
1/18/2007 8:00						15	220	720		8.54	1.37	10,772.34
1/18/2007 12:00					-	15	212	712		8.42	1.35	10,780.77
1/18/2007 16:00						15	218	707		8.31	1.33	10,789.07
1/18/2007 20:00						15	214	698	inter and the second second second second second second second second second second second second second second	8.26	1.32	10,797.34
1/19/2007 4:00						15	210	693		16.06	2.57	10,813.40
1/19/2007 8:00						15	216	684		7.99	1.28	10,821.38
1/19/2007 12:00						15	214	672		7.94	1.27	10,829.32
1/19/2007 16:00						15	210	664		7.71	1.23	10,837.03
1/19/2007 20:00						15	218	660		7.72	1.23	10,844.75
1/20/2007 4:00					<u> </u>	15	210	654		15.31	2.45	10,860.06
1/20/2007 8:00						15	216	652		7.57	1.21	10,867.64
1/20/2007 12:00						15	212	646		7.56	1.21	10,875.20
1/20/2007 16:00						15	218	642		7.54	1.21	10,882.74
1/20/2007 20:00						15	216	635		7.55	1.21	10,890.29
1/21/2007 4:00						15	206	628		14.51	2.32	10,904.80
1/21/2007 8:00						15	208	604		6.94	1.11	10,911.75

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydi (us	rocarbon Reco	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
1/21/2007 12:00						15	208	596		6.80	1.09	10,918.54
1/21/2007 16:00						15	212	592		6.79	1.09	10,925.34
1/21/2007 20:00						15	214	590	i	6.86	1.10	10,932.19
1/22/2007 4:00						15	205	582		13.37	2.14	10,945.56
1/22/2007 8:00						15	213	540		6.39	1.02	10,951.95
1/22/2007 12:00						15	211	579		6.46	1.03	10,958.41
1/22/2007 16:00						15	215	565		6.64	1.06	10,965.04
1/22/2007 20:00						15	213	571		6.62	1.06	10,971.66
1/23/2007 4:00			L			15	210	567		13.11	2.10	10,984.77
1/23/2007 8:00						15	208	564	1 	6.44	1.03	10,991.21
1/23/2007 12:00						15	205	555		6.29	1.01	10,997.50
1/23/2007 16:00			L			15	206	547		6.17	0.99	11,003.67
1/23/2007 20:00						15	209	542		6.15	0.98	11,009.82
1/24/2007 4:00						15	207	540		12.26	1.96	11,022.08
1/24/2007 8:00						15	209	545		6.15	0.98	11,028.22
1/24/2007 12:00						15	210	541		6.20	0.99	11,034.42
1/24/2007 16:00				ļ		15	206	539		6.12	0.98	11,040.53
1/24/2007 20:00				,		15	208	537		6.06	0.97	11,046.60
1/25/2007 4:00						15	213	534		12.28	1.97	11,058.88
1/25/2007 8:00						15	209	530		6.11	0.98	11,064.99
1/25/2007 12:00						15	209	529		6.03	0.96	11,071.02
1/25/2007 16:00						15	210	527		6.02	0.96	11,077.04
1/25/2007 20:00						15	212	524		6.04	0.97	11,083.08
1/26/2007 4:00						15	211	524		12.07	1.93	11,095.15
1/26/2007 8:00						15	209	525		6.00	0.96	11,101.15
1/26/2007 12:00						15	205	521		5.90	0.94	11,107.04
1/26/2007 16:00						15	210	518		5.87	0.94	11,112.91

	Extraction	Extraction	Extraction	Extraction	Extraction	SYSTEM PARAMETERS						
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
1/26/2007 20:00						15	209	515		5.89	0.94	11,118.81
1/27/2007 4:00						15	207	516		11.68	1.87	11,130.49
1/27/2007 8:00						15	213	512		5.88	0.94	11,136.37
1/27/2007 12:00						15	215	513		5.97	0.96	11,142.34
1/27/2007 16:00						15	218	510		6.03	0.97	11,148.37
1/27/2007 20:00						15	211	507		5.94	0.95	11,154.31
1/28/2007 4:00						15	211	504		11.62	1.86	11,165.93
1/28/2007 8:00						15	207	502		5.73	0.92	11,171.65
1/28/2007 12:00						15	209	497		5.66	0.91	11,177.31
1/28/2007 16:00						15	210	495		5.66	0.91	11,182.97
1/28/2007 20:00						15	212	498		5.71	0.91	11,188.67
1/29/2007 4:00						15	209	496		11.40	1.82	11,200.07
1/29/2007 8:00						15	211	491		5.64	0.90	11,205.71
1/29/2007 12:00						15	213	488		5.65	0.90	11,211.36
1/29/2007 16:00						15	210	485		5.60	0.90	11,216.97
1/29/2007 20:00						15	213	487		5.60	0.90	11,222.57
1/30/2007 4:00						15	208	485		11.14	1.78	11,233.71
1/30/2007 8:00						15	210	484		5.51	0.88	11,239.22
1/30/2007 12:00						15	212	483		5.56	0.89	11,244.78
1/30/2007 16:00						15	211	485		5.57	0.89	11,250.35
1/30/2007 20:00						15	207	484		5.51	0.88	11,255.87
1/31/2007 4:00						15	213	486		11.09	1.78	11,266.96
1/31/2007 8:00						15	209	485		5.58	0.89	11,272.54
1/31/2007 12:00						15	210	483		5.52	0.88	11,278.06
1/31/2007 16:00						15	211	485		5.55	0.89	11,283.61
1/31/2007 20:00						15	210	483		5.55	0.89	11,289.16
2/1/2007 4:00						15	216	480		11.17	1.79	11,300.33

	Extraction	Extraction	Extraction	Extraction	SYSTEM PARAMETERS							
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum (in of Ha)	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u: (lbs)	rocarbon Reco sing Horiba Dat	very ta) (Cumul Ibs)
	Deptinj	Depui)	Deptil		Deptil	(in or rig)		(ppinv)	(ppmv)	(103) 5.04	(gai)	(04/105/05/
2/1/2007 8:00						15	214	4/9		5.61	0.90	11,305.95
2/1/2007 12:00						15	213	474		5.54	0.89	11,311.49
2/1/2007 16:00						15	209	476		5.46	0.87	<u>11,316.94</u>
2/1/2007 20:00						15	205	475		5.36	0.86	11,322.30
2/2/2007 4:00						15	210	476		10.75	1.72	11,333.05
2/2/2007 8:00						15	215	471		5.48	0.88	11,338.53
2/2/2007 12:00						15	204	475		5.40	0.86	11,343.93
2/2/2007 16:00			i 			15	210	473		5.34	0.86	11,349.27
2/2/2007 20:00						15	213	470		5.43	0.87	11,354.70
2/3/2007 4:00						15	211	467		10.82	1.73	11,365.52
2/3/2007 8:00						15	208	464		5.31	0.85	11,370.83
2/3/2007 12:00						15	211	462		5.28	0.85	11,376.11
2/3/2007 16:00			i			15	209	465		5.30	0.85	11,381.41
2/3/2007 20:00						15	207	464		5.26	0.84	11,386.68
2/4/2007 4:00						15	210	460	· · · · · · · · · · · · · · · · · · ·	10.49	1.68	11,397.17
2/4/2007 8:00						<u>15</u>	211	462		5.28	0.85	11,402.45
2/4/2007 12:00						15	211	463		5.31	0.85	11,407.77
2/4/2007 16:00						15	214	456		5.32	0.85	11,413.09
2/4/2007 20:00						15	213	454		5.29	0.85	11,418.38
2/5/2007 4:00						1 <u>5</u>	211	453		10.47	1.68	11,428.85
2/5/2007 8:00						15	209	448		5.15	0.82	11,434.00
2/5/2007 12:00						15	211	447		5.12	0.82	11,439.12
2/5/2007 16:00						15	211	446		5.13	0.82	11,444.25
2/5/2007 20:00						15	213	445		5.14	0.82	11,449.39
2/6/2007 4:00						15	211	444		10.26	1.64	11,459.66
2/6/2007 8:00						15	208	442		5.05	0.81	11,464.71
2/6/2007 12:00						15	212	441		5.05	0.81	11,469.76

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very ta)
·	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(ibs)	(gal)	(Cumul. lbs)
2/6/2007 16:00						15	211	438		5.06	0.81	11,474.82
2/6/2007 20:00						15	211	436		5.02	0.80	11,479.84
2/7/2007 4:00						15	211	434		10.00	1.60	11,489.84
2/7/2007 8:00						15	209	432		4.95	0.79	11,494.79
2/7/2007 12:00						15	212	431		<u>4.9</u> 5	0.79	11,499.74
2/7/2007 16:00						15	208	429		4.92	0.79	11,504.66
2/7/2007 20:00						15	211	426		4.88	0.78	11,509.53
2/8/2007 4:00						15	214	423		9.83	1.57	11,519.36
2/8/2007 8:00						15	211	422		4.89	0.78	11,524.25
2/8/2007 12:00						15	214	421		4.88	0.78	11,529.13
2/8/2007 16:00						15	208	419		4.83	0.77	11,533.95
2/8/2007 20:00						15	208	419		4.75	0.76	11,538.70
2/9/2007 4:00						15	209	413		9.45	1.51	11,548.15
2/9/2007 8:00						15	214	412		4.75	0.76	11,552.90
2/9/2007 12:00						15	213	409		4.77	0.76	11,557.67
2/9/2007 16:00						15	211	402		4.68	0.75	11,562.35
2/9/2007 20:00						15	214	398		4.63	0.74	11,566.98
2/10/2007 4:00						15	211	397		9.20	1.47	11,576.18
2/10/2007 8:00						15	212	396		4.57	0.73	11,580.75
2/10/2007 12:00						15	209	394		4.53	0.72	11,585.28
2/10/2007 16:00						15	213	392		4.52	0.72	11,589.79
2/10/2007 20:00						15	212	391		4.53	0.73	11,594.32
2/11/2007 4:00						15	214	392		9.08	1.45	11,603.41
2/11/2007 8:00						15	213	388		4.53	0.73	11,607.94
2/11/2007 12:00						15	211	384		4.46	0,71	11,612.40
2/11/2007 16:00						15	211	382		4.40	0.70	11,616.80
2/11/2007 20:00			<u> </u>		<u> </u>	15	213	381		4.40	0.71	11,621.20

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Dat	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. Ibs)
2/12/2007 4:00						15	214	377		8.81	1.41	11,630.02
2/12/2007 8:00						15	213	372		4.35	0.70	11,634.37
2/12/2007 12:00						15	211	371		4.29	0.69	11,638.66
2/12/2007 16:00						15	214	368		4.28	0.68	11,642.94
2/12/2007 20:00						15	216	364		4.29	0.69	11,647.22
2/13/2007 4:00						15	214	362		8.50	1.36	11,655.72
2/13/2007 8:00						15	211	359		4.17	0.67	11,659.90
2/13/2007 12:00			i			15	213	356		4.13	0.66	11,664.02
2/13/2007 16:00						15	214	352		4.12	0.66	11,668.14
2/13/2007 20:00						15	213	351	·	4.09	0.65	11,672.23
2/14/2007 4:00						15	214	348		8.13	1.30	11,680.35
2/14/2007 8:00						15	213	346		4.03	0.65	11,684.39
2/14/2007 12:00						15	211	342		3.97	0.64	11,688.36
2/14/2007 16:00						15	214	339		3.94	0.63	11,692.30
2/14/2007 20:00						15	213	336		3.92	0.63	11,696.22
2/15/2007 4:00						15	211	334		7.74	1.24	11,703.96
2/15/2007 8:00						15	214	332		3.85	0.62	11,707.81
2/15/2007 12:00			·			15	213	329		3.84	0.62	11,711.66
2/15/2007 16:00						15	214	326		3.81	0.61	11,715.46
2/15/2007 20:00						15	213	324		3.78	0.60	11,719.24
2/16/2007 4:00						15	214	321		7.50	1.20	11,726.74
2/16/2007 8:00						15	211	319		3.70	0.59	11,730.45
2/16/2007 12:00			L			15	213	316		3.67	0.59	11,734.11
2/16/2007 16:00						15	212	319		3.67	0.59	11,737.79
2/16/2007 20:00						15	214	314		3.67	0.59	11,741.46
2/17/2007 4:00						15	213	312		7.28	1.17	11,748.74
2/17/2007 8:00						15	214	311		3.62	0.58	11,752.36

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
2/17/2007 12:00						15	211	308		3.58	0.57	11,755.94
2/17/2007 16:00						15	214	304		3.54	0.57	11,759.48
2/17/2007 20:00						15	213	299		3.51	0.56	11,762.99
2/18/2007 4:00						15	214	297		6.93	1.11	11,769.92
2/18/2007 8:00						15	212	294		3.43	0.55	11,773.34
2/18/2007 12:00						15	214	292		3.40	0.54	11,776.74
2/18/2007 16:00						15	215	291		3.41	0.55	11,780.15
2/18/2007 20:00						15	212	289		3.37	0.54	11,783.52
2/19/2007 4:00						15	212	287		6.65	1.06	11,790.17
2/19/2007 8:00						15	211	285		3.29	0.53	11,793.46
2/19/2007 12:00						15	214	284		3.29	0.53	11,796.76
2/19/2007 16:00						15	210	282		3.27	0.52	11,800.02
2/19/2007 20:00	i					15	213	280		3.24	0.52	11,803.26
2/20/2007 4:00						15	210	277		6.42	1.03	11,809.68
2/20/2007 8:00						15	215	275		3.19	0.51	11,812.87
2/20/2007 12:00						15	212	274		3.19	0.51	11,816.06
2/20/2007 16:00						15	220	271		3.21	0.51	11,819.27
2/20/2007 20:00						15	200	269		3.09	0.49	11,822.36
2/21/2007 4:00						15	205	267		5.91	0.95	11,828.27
2/21/2007 8:00						15	212	266		3.03	0.48	11,831.29
2/21/2007 12:00						15	211	264		3.05	0.49	11,834.35
2/21/2007 16:00						15	214	262		3.04	0.49	11,837.39
2/21/2007 20:00						15	212	259		3.02	0.48	11,840.41
2/22/2007 4:00						15	210	254		5.89	0.94	11,846.31
2/22/2007 8:00						15	200	257		2.85	0.46	11,849.16
2/22/2007 12:00						15	205	255		2.82	0.45	11,851.98
2/22/2007 16:00						15	212	253		2.88	0.46	11,854.87

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	rocarbon Reco sing Horiba Da	very la)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
2/22/2007 20:00						15	215	251		2.93	0.47	11,857.80
2/23/2007 4:00						15	200	249		5.65	0.90	11,863.45
2/23/2007 8:00						15	210	247		2.77	0.44	11,866.21
2/23/2007 12:00						15	213	245		2.83	0.45	11,869.05
2/23/2007 16:00						15	215	242		2.84	0.45	11,871.89
2/23/2007 20:00					·	15	205	240		2.76	0.44	11,874.64
2/24/2007 4:00						15	220	239		5.54	0.89	11,880.19
2/24/2007 8:00						15	205	237		2.75	0.44	11,882.94
2/24/2007 12:00						15	210	235		2.67	0.43	11,885.61
2/24/2007 16:00						15	200	233		2.61	0.42	11,888.22
2/24/2007 20:00						15	215	231		2.62	0.42	11,890.84
2/25/2007 4:00						15	220	230		5.46	0.87	11,896.30
2/25/2007 8:00	<u></u>	i 				15	205	227		2.64	0.42	11,898.95
2/25/2007 12:00						15	215	226		2.59	0.41	11,901.54
2/25/2007 16:00						15	200	224		2.54	0.41	11,904.08
2/25/2007 20:00						15	210	221		2.48	0.40	11,906.56
2/26/2007 4:00						15	200	219		4.91	0.79	11,911.48
2/26/2007 8:00						15	215	217		2.46	0.39	11,913.94
2/26/2007 12:00						15	205	215		2.47	0.40	11,916.41
2/26/2007 16:00						15	220	213		2.48	0.40	11,918.89
2/26/2007 20:00						15	210	211		2.48	0.40	11,921.37
2/27/2007 4:00						15	215	209		4.86	0.78	11,926.23
2/27/2007 8:00			ļ			15	200	207		2.35	0.38	11,928.58
2/27/2007 12:00						15	220	204		2.35	0.38	11,930.93
2/27/2007 16:00						15	205	201		2.34	0.38	11,933.27
2/27/2007 20:00						15	210	199		2.26	0.36	11,935.53
2/28/2007 4:00						15	205	197		4.47	0.72	11,940.01

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (u	Irocarbon Reco sing Horiba Da	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
2/28/2007 8:00						15	220	201		2.30	0.37	11,942.31
2/28/2007 12:00						15	200	213		2.37	0.38	11,944.68
2/28/2007 16:00						15	215	209		2.38	0.38	11,947.06
2/28/2007 20:00						15	210	214		2.45	0.39	11,949.51
3/1/2007 4:00						15	215	211		4.92	0.79	11,954.43
3/1/2007 8:00						15	200	210		2.38	0.38	11,956.81
3/1/2007 12:00						15	205	215		2.34	0.38	11,959.15
3/1/2007 16:00						15	210	217		2.44	0.39	11,961.59
3/1/2007 20:00						15	220	220		2.56	0.41	11,964.15
3/2/2007 4:00						15	200	221		5.04	0.81	11,969.19
3/2/2007 8:00						15	215	219		2.49	0.40	11,971.68
3/2/2007 12:00						15	210	226		2.57	0.41	11,974.25
3/2/2007 16:00						15	220	224		2.63	0.42	11,976.89
3/2/2007 20:00		<u>_</u>				15	205	228		2.62	0.42	11,979.50
3/3/2007 4:00						15	215	222		5.15	0.82	11,984.65
3/3/2007 8:00						15	210	230		2.62	0.42	11,987.27
3/3/2007 12:00				· · · · · · · · · · · · · · · · · · ·		15	200	229		2.56	0.41	11,989.83
3/3/2007 16:00						15	205	225		2.50	0.40	11,992.33
3/3/2007 20:00						15	220	227		2.62	0.42	11,994.95
3/4/2007 4:00						15	205	224		5.22	0.84	12,000.17
3/4/2007 8:00						15	220	228		2.62	0.42	12,002.78
3/4/2007 12:00						15	210	231	·	2.69	0.43	12,005.47
3/4/2007 16:00						15	200	232		2.58	0.41	12,008.05
3/4/2007 20:00						15	215	233		2.63	0.42	12,010.68
3/5/2007 4:00						15	210	234		5.40	0.87	12,016.09
3/5/2007 8:00						15	200	236		2.62	0.42	12,018.71
3/5/2007 12:00			L		<u> </u>	15	220	237		2.70	0.43	12,021.41

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (us	rocarbon Reco sing Horiba Dat	very ta)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(IDS)	(gai)	
3/5/2007 16:00						15	205	238		2.75	0.44	12,024.16
3/5/2007 20:00						15	215	241		2.74	0.44	12,026.90
3/6/2007 4:00						15	210	242		5.59	0.89	12,032.49
3/6/2007 8:00						15	220	244		2.85	0.46	12,035.34
3/6/2007 12:00						15	200	245		2.80	0.45	12,038.13
3/6/2007 16:00						15	215	247		2.78	0.44	12,040.91
3/6/2007 20:00						15	205	248		2.83	0.45	12,043.74
3/7/2007 4:00						15	200	249		5.48	0.88	12,049.22
3/7/2007 8:00						15	205	245		2.72	0.44	12,051.95
3/7/2007 12:00						15	220	244		2.83	0.45	12,054.78
3/7/2007 16:00						15	210	242		2.85	0.46	12,057.62
3/7/2007 20:00						15	215	247		2.83	0.45	12,060.45
3/8/2007 4:00						15	215	244		5.75	0.92	12,066.20
3/8/2007 8:00						15	210	243		2.82	0.45	12,069.02
3/8/2007 12:00						15	205	242		2.74	0.44	12,071.76
3/8/2007 16:00						15	200	240		2.66	0.43	12,074.42
3/8/2007 20:00						15	212	239		2.69	0.43	12,077.10
3/9/2007 4:00						15	220	238		5.61	0.90	12,082.72
3/9/2007 8:00						15	205	237		2.75	0.44	12,085.46
3/9/2007 12:00						15	215	236		2.70	0.43	12,088.17
3/9/2007 16:00						15	200	234		2.66	0.43	12,090.82
3/9/2007 20:00						15	210	235		2.62	0.42	12,093.44
3/10/2007 4:00						15	200	235		5.25	0.84	12,098.69
3/10/2007 8:00						15	205	233		2.58	0.41	12,101.27
3/10/2007 12:00						15	220	234		2.70	0.43	12,103.97
3/10/2007 16:00						15	210	235		2.75	0.44	12,106.72
3/10/2007 20:00						15	215	232		2.70	0.43	12,109.42

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS					
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hydrocarbon Recovery (using Horiba Data)			
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
3/11/2007 4:00						15	210	230		5.35	0.86	12,114.77	
3/11/2007 8:00						15	200	231	2	2.57	0.41	12,117.34	
3/11/2007 12:00						15	215	230		2.60	0.42	12,119.95	
3/11/2007 16:00						15	205	229		2.62	0.42	12,122.57	
3/11/2007 20:00						15	220	227		2.64	0.42	12,125.21	
3/12/2007 4:00						15	205	228		5.27	0.84	12,130.47	
3/12/2007 8:00						15	220	227		2.63	0.42	12,133.11	
3/12/2007 12:00						15	223	220		2.70	0.43	12,135.80	
3/12/2007 16:00						15	219	219		2.64	0.42	12,138.44	
3/12/2007 20:00						15	215	235		2.68	0.43	12,141.13	
3/13/2007 4:00						15	209	223		5.29	0.85	12,146.42	
3/13/2007 8:00						15	213	229		2.60	0.42	12,149.01	
3/13/2007 12:00						15	211	221		2.60	0.42	12,151.61	
3/13/2007 16:00						15	219	230		2.64	0.42	12,154.25	
3/13/2007 20:00						15	220	229		2.74	0.44	12,156.99	
3/14/2007 4:00						15	213	218		5.27	0.84	12,162.26	
3/14/2007 8:00						15	215	231		2.62	0.42	12,164.88	
3/14/2007 12:00						15	220	225		2.70	0.43	12,167.58	
3/14/2007 16:00						15	223	224		2.71	0.43	12,170.29	
3/14/2007 20:00						15	221	217		2.67	0.43	12,172.96	
3/15/2007 4:00						15	218	218		5.20	0.83	12,178.16	
3/15/2007 8:00						15	215	215		2.55	0.41	12,180.71	
3/15/2007 12:00						15	223	220		2.59	0.42	12,183.30	
3/15/2007 16:00						15	220	219		2.65	0.42	12,185.95	
3/15/2007 20:00						15	219	217		2.61	0.42	12,188.56	
3/16/2007 4:00						15	225	216		5.24	0.84	12,193.79	
3/16/2007 8:00						15	230	220		2.70	0.43	12,196.49	

	Extraction	Extraction	Extraction	Extraction	Extraction		SYSTE	M PARAMETERS				
TIME	Well # E-1 (Stinger	Well # E-2 (Stinger	Well # E-3 (Stinger	Well # E-6 (Stinger	Well # MW-1 (Stinger	System Vacuum	Total System Inlet Flow	Influent Concentrations*	Effluent Concentrations	Hyd (us	rocarbon Reco sing Horiba Dat	very a)
	Depth)	Depth)	Depth)	Depth)	Depth)	(in of Hg)	(scfm)	(ppmv)	(ppmv) *	(lbs)	(gal)	(Cumul. lbs)
3/16/2007 12:00						15	229	224		2.77	0.44	12,199.27
3/16/2007 16:00						15	225	218		2.73	0.44	12,202.00
3/16/2007 20:00						15	228	215		2.67	0.43	12,204.67
3/17/2007 4:00						15	231	216		5.39	0.86	12,210.06
3/17/2007 8:00						15	227	218		2.71	0.43	12,212.76
3/17/2007 12:00						15	233	213		2.70	0.43	12,215.46
3/17/2007 16:00						15	229	220		2.72	0.44	12,218.19
3/17/2007 20:00				10.000		15	225	221		2.73	0.44	12,220.91
3/18/2007 4:00						15	219	216		5.28	0.85	12,226.19
3/18/2007 8:00						15	225	210		2.58	0.41	12,228.77
3/18/2007 12:00	· · · · · · · · · · · · · · · · · · ·					15	230	207		2.58	0.41	12,231.35
3/18/2007 16:00						15	227	211		2.60	0.42	12,233.95
3/18/2007 20:00						15	229	214		2.64	0.42	12,236.59
3/19/2007 4:00						15	225	203		5.16	0.83	12,241.75
3/19/2007 8:00						15	228	199		2.48	0.40	12,244.23
3/19/2007 11:10						15	219	205		1.95	0.31	12,246.17
3/19/2007 12:00						15	227	218		0.54	0.09	12,246.71
Louise		<u></u>			-pin			TOTAL HC RECOV	/ERED	12,246.71	1,960.26	
								TOTAL GROUNDW	ATER EXTRACTED	-	86,640	

Comments: Manual dilution was not opened during the event.

in of Hg = inches of mercury

gal = gallons lbs = pounds

scfm = standard cubic feet per minute lbs = pounds * Concentrations based on Horiba MEXA 324-JU field organic vapor analyzer, calibrated as hexane

** Inlet flow measured through orifice tube and converted from acfm to reported scfm

Figure 3 Total Inlet HC Concentrations vs Time (158 Days) California Linen, Oakland, CA - 10/12/06-3/19/07







ATTACHMENT 1

LABORATORY REPORTS



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 184808
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	02/20/2007
	#142			
	Tustin, CA 92780		RECEIVED	02/14/2007
PROJECT	Γ California Linen			
SUBMIT	TER Client		,	

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 776782 Client Sample Identification

Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by. Edward S. Behare, Ph.D.

Vice President

COMMENTS

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 184808 cover, page 1 of 1

Order #: 776782	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 02/14/2007		
Time Sampled: 12:00		
Sampled By:		

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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Analytical Results Report

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	184774-478
Matrix:	AIR
Prep. Date :	February 14, 2007
Analysis Date:	2/14/07-2/15/07

Lab ID#'s in Batch: LR 184774, 184806, 184807, 184808.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	2,482.74	2,419.23	3
Benzene	8021B	5.75	5.50	4
Toluene	8021B	56.25	54.00	4
Ethylbenzene	8021B	21.25	19.75	7
Xylenes	8021B	179.75	172.00	4 -

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868 Phone: (714) 771-6900 = Fax: (714) 538-1209



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Chain of Custody Record

· · · · · · · · · · · · · · · · · · ·		3002 Dow, #	142	· · · · · · · · · · · · · · · · · · ·						_							: 0	511	and		
Company		Tustin, CA 92	2780			Phone	(714) 7	′34-9´	137	A.L.	Job No)					12	540	DO _{Page} _	1of	1
Project Manager		NOEL SI	HENO	1		Fax	(714) 7	734-9	138			A	nalys	is Re	quest	ed	τų.		Test Instructions	& Com	ments
Project Name	CALI	FORNI	A	LINEN		Project 4			· · · · · · · · · · · · · · · · · · ·	2)	57	•				Τ					
Site Name and	AO	KLANI	> c	A						1 2	(8)										
Address			+=								1786										
Sample II	»	Lab ID		Date	Time	Matrix	Conta Númbei	iner r/Size	Pres.	TPH-0	BTEX/M							•			
COMBI	NED	:	2	14/07	1200	AIR	TEDL	AR	NONE	\mathbf{x}	X						1				
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 185091
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	02/27/2007
	#142			
	Tustin, CA 92780		RECEIVED	02/20/2007
PROJECT	Γ California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 778098 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCI FED LABORATORIES by, Behare, Ph.D. Edward S.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 185091 cover, page 1 of 1

Order #: 778098	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 02/19/2007		
Time Sampled: 12:00		
Sampled By:		

Analyte	Result	DF	DLR	Units	Date/Ar	nalyst
8021B BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	1.0	2	0.02	Vppm	02/21/07	LT
Ethyl benzene	1.3	2	0.02	Vppm	02/21/07	LT
Methyl t - butyl ether	1.6	2	0.2	Vppm	02/21/07	LT
Toluene	4.2	2	0.02	Vppm	02/21/07	LT
Xylene (total)	5.2	2	0.06	Vppm	02/21/07	LT
3015B - Gasoline in Air - (Vppm & ug/L)						
Gasoline	160	2	10.0	Vppm	02/21/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Analytical Results Report

ASSOCIATED LABORATORIES QA REPORT FORM

 $\mathcal{L}_{\mathcal{T}}$

QC Sample:	185091-098
Matrix:	AIR
Prep. Date :	February 21, 2007
Analysis Date:	2/21/07-2/22/07
Lab ID#'s in Batch:	LR 185091, 185110, 185112, 185125, 185170.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

Test	Method	Sample Result	Sample Duplicate	
				%RPD
Gas	8015M	160.18	160.95	0
Benzene	8021B	1.04	1.04	0
Toluene	8021B	4.22	4.22	0
Ethylbenzene	8021B	1.28	1.28	0
Xylenes	8021B	5.18	5.00	4

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

1
ASSOCIATED LABORATORIES

806 North Batavia = Orange, CA 92868 Phone: (714) 771-6900 = Fax: (714) 538-1209



Chain of Custody Record

	CalClean Inc.	42						_								}	8.	5091		
Company	Tustin, CA 927	780			Phone	(714) 734-	9137	A.L.	Job No) .						•		Page	1of	<u> </u>
Project Manager	NOEL SH	IENO			Fax	(714) 734-	9138			A	naly	sis A	eque	ested	!	• •	Tes	st Instructions	& Com	ments
Project Name CA1	-IFORNIA	λ. ι	INEN		Project 4			15)	21											
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Address				···	·	,,,,		ψ	Įξ				1							
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUE	ST 185966
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	03/08/2007
	#142			
	Tustin, CA 92780		RECEIVED	03/02/2007
D D O ID O				
PROJEC.	l California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 781684 Client Sample Identification Combined

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by. ard S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 185966 cover, page 1 of 1

Order #: 781684	Client: Calclean	
Matrix: AIR	Client Sample ID:	Combined
Date Sampled: 02/28/2007		

Date Sampled: 02/28/2007 Time Sampled: 12:00 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analy
Analyte STEX/MTBE in Air - (Vppm & ug/L) Benzene Ethyl benzene Methyl t - butyl ether Toluene Xylene (total) Gasoline in Air - (Vppm & ug/L)					
Benzene	0.42	1	0.01	Vppm	03/05/07 LT
Ethyl benzene	0.38	1	0.01	Vppm	03/05/07 LT
Methyl t - butyl ether	1.6	1	0.10	Vppm	03/05/07 LT
Toluene	1.4	1	0.01	Vppm	03/05/07 LT
Xylene (total)	0.33	1	0.03	Vppm	03/05/07 LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample: 185888-395

Matrix: AIR

Prep. Date : March 2, 2007

Analysis Date: 3/2/07-3/3/07

Lab ID#'s in Batch: LR 185888, 185964, 185966, 185967.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	215.45	188.15	14
Benzene	8021B	0.85	0.83	2
Toluene	8021B	3.80	3.60	5
Ethylbenzene	8021B	2.85	2.73	4
Xylenes	8021B	12.38	11.63	6

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia = Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209



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Chain of Custody Record

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Com	pany	Tustin, CA 9	2780			Phone	(714) 7	/34-91	37	AL	Job Nc)		•		- [}	151	114	Page_	1 oí	f_1
Proje	ct Manager	NOEL S	HENO	1		Fax	(714) 7	734-91	138			A	nalysi	is Re	ques	ted			Test Instruction	s & Com	ments
Proje	ct Name CAL	-IFORNI	A	LINEN		Project #	,			5)	R			Τ			<u> </u>				
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S	ample ID	Lab ID		Date	Time	Matrix	Conta Númbe	iiner r/Size	Pres.	TPH-(BTEX/N										
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

ASSOCIATED LABORATORIES 806 North Batavia - Orange, California 92868 - 714/771-6900

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FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 185968
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	03/08/2007
	#142			
	Tustin, CA 92780		RECEIVED	03/02/2007
PROJECT	California Linen, Oakland, CA			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
781686	Effluent
781687	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by. FHA

Etward S. Behare, Ph.D. Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 185968 cover, page 1 of 1

Client Sample ID: Effluent

Order #:

781686

Analyte	Result	DF	DLR	Units	Date/Ar	alyst
1664 Oil and Grease						
Total Oil and Grease	ND	1	5	mg/L	03/04/07	LN
8021B BTEX + MTBE						
Benzene	ND	1	0.3	ug/L	03/02/07	LD
Ethyl benzene	ND	1	0.3	ug/L	03/02/07	LD
Methyl t - butyl ether	ND	1	5	ug/L	03/02/07	LD
Toluene	ND	1	0.3	ug/L	03/02/07	LD
Xylene (total)	ND	1	0.6	ug/L	03/02/07	LD
Surrogates				Units	Control	Limits
a,a,a-Trifluorotoluene	100			%	70 - 130	
8015M - Gasoline						
Gasoline	ND	1	50	ug/L	03/02/07	LD
Surrogates				Units	Control	Limits

a,a,a-Trifluorotoluene	100	%	55 - 200	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Client Sample ID: Laboratory Method Blank

	Analyte	Result	DF	DLR	Units	Date/Analyst		
1664 (Dil and Grease				<u>.</u>			
	Total Oil and Grease	ND	1	5	mg/L	03/04/07	LN	
<u>8021B</u>	BTEX + MTBE							
	Benzene	ND	1	0.3	ug/L	03/02/07	LD	
	Ethyl benzene	ND	1	0.3	ug/L	03/02/07	LD	
	Methyl t - butyl ether	ND	1	₁ 5	ug/L	03/02/07	LD	
	Toluene	ND	1	0.3	ug/L	03/02/07	LD	
	Xylene (total)	ND	1	0.6	ug/L	03/02/07	LD	
Sur	rogates				Units	Control	Limits	
	a,a,a-Trifluorotoluene	109			%	70 - 130		
<u>8015B</u>	- Gasoline							
	Gasoline	ND ND	1	50	ug/L	03/0 2 /07	LD	
Suri	rogates				Units	Control	Limits	
	a,a,a-Trifluorotoluene	109			%	55 - 200		

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample :	185920
Matrix:	WATER
Prep.Date:	March 4, 2007
Analysis Date:	March 4, 2007
Lab ID#'s in Batch:	185920, 185922, 185924, 185925, 186050, 185926, 185927, 185965, 185968, 185763, 185692, 185914, 185818, 185530, 185794, 185732, 185733, 185646
REPORTING UNITS =	mg/L

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PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

		PREP BLK	LCS		· · · · · · · · · · · · · · · · · · ·		
Test	Method	Value	Result	True	%Rec	L.Limit	H.Limit
0&G	1664	ND	37.9	40	95	78%	114%

VALUE = Preparation Blank Value; ND = Not-Detected LCS = Lab Control Sample Result TRUE = True Value of LCS L.LIMIT / H.LIMIT = LCS Control Limits

ASSOCIATED LABORATORIES LCS REPORT FORM

QC Sample: G1-LCS/LCSD

Matrix: WATER

Prep. Date: March 2, 2007

Analysis Date: March 2, 2007

Lab ID#'s in Batch: 185968, 185887, 185926, 185965, 185927,

REPORTING UNITS = $\mu g/L$

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

		Sample	Spike	Matrix	Matrix	%Rec	%Rec	
Test	Method	Result	Added	LCS	LCSD	LCS	LCSD	RPD
Benzene	8021	ND	20	22.4	22.6	112	113	1
Toluene	8021	ND	20	- 22.1	22.3	···111 ·	····112·	· 1·
Ethylbenzene	8021	ND	20	22.6	22.8	113	114	1
Xylenes	8021	ND	60	69.4.		116	117.	- 1 -

ND = Not Detected

RPD = Relative Percent Difference of Matrix LCS and Matrix LCSD %REC-LCS & LCSD = Percent Recovery of LCS & LCSD %REC LIMITS = 70 - 130 RPD LIMITS = 30

SURROGATE RECOVERY

Sample No. QC Limit	AAA-TFT 55-200
Method Blank	109
LCS	107
LCSD	102

AAA-TFT = a, a, a-Trifluorotoluene

ASSOCIATED LABORATORIES LCS REPORT FORM

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: March 2, 2007

Analysis Date March 2, 2007

Lab ID#'s in Batch: 185968, 185887, 185926, 185965, 185927, 185779, 185853, 185885

LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT

Reporting Units = $\mu g/L$

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
ТРН	8015M-G	ND	500	492	495	98	99	1

ND = Not Detected

LCS Result = Lab Control Sample Result %REC-LCS & LCSD = Percent Recovery of LCS Spike & LCS Spike Duplicate RPD = Relative Percent Difference of LCS Spike and LCS Spike Duplicate

%REC LIMITS = 70 - 130 RPD LIMITS = 30

SURROGATE RECOVERY

Sample No. QC Limit	AAA-TFT 55-200
Method Blank	109
LCS	193
LCSD	100

AAA-TFT = a,a,a-Trifluorotoluene

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868
Phone: (714) 771-6900
Fax: (714) 538-1209

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Chain of Custody Record

Project Manager NOEL SHENOI Fax (714) 734-9138 Analysis Requested Test Instructions & Commer Project Name CAL1 FORNUA LINEN Project # Go to the structure of the s	mments
Project Name CALLEORNIA LINEN Project # Grad	
Site Name and Address $0 \text{ A} \text{K} \text{ LA ND}$ $C \text{ A}$ Sample ID Lab ID Date Time Matrix Container Number/Size Pres. H	
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Sample Receipt - To Be Filled By Laboratory Relinquished by 1. Relinquished by 2. Relinquished by 3.	3.
Total Number of Containers 2 Property Cooled X/ N / NA Signature: Signature: Signature: Signature:	
Custody Seals Y / N / NA Printed Name: Printed Name: Printed Name: Printed Name:	
Received in Good Condition (Y) Samples Accepted (Y/N Date: 3/2/0.7 Time: Date: Time: Date: Time: Date: Time:	
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Date: 3207 Time: 13.05 Date: Time: Date: Time:	

Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 186240
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	03/14/2007
	#142			
	Tustin, CA 92780		RECEIVED	03/07/2007
PROJECT	California Linen			
SUBMIT	TER Client			

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No. 782809 Client Sample Identification

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by.

and S. Behare, Ph.D.

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 186240 cover, page 1 of 1

Client: Calclean

Client Sample ID: Combined

782809 Order #: Matrix: AIR Date Sampled: 03/06/2007 Time Sampled: 12:00 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Ana	alyst
1B BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	2.4	5	0.05	Vppm	03/08/07	LT
Ethyl benzene	8.7	5	0.05	Vppm	03/08/07	LT
Methyl t - butyl ether	ND	5	0.5	Vppm	03/08/07	LT
Toluene	35	25	0.25	Vppm	03/12/07	LT
Xvlene (total)	34	25	0.75	Vppm	03/12/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

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QC Sample:	186174-535
Matrix:	AIR
Prep. Date :	March 8, 2007
Analysis Date:	3/8/07-3/9/07
Lab ID#'s in Batch:	LR 186174, 186274, 186275, 186277, 186240, 186179.

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	54.14	53.23	2
Benzene	8021B	0.47	0.48	2
Toluene	8021B	0.61	0.61	0
Ethylbenzene	8021B	0.14	0.14	0 .
Xylenes	8021B	0.88	0.92	4

ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

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Chain of Custody Record

ASSOCIATED LABORATORIES

806 North Batavia • Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209

Time:

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Company	3002 Dow, #142 Tustin, CA 9278	2 D		Phone	(714) 734	4-9137		. Job No) .					8	00	24(Page 1 of	1
Project Manager	NOEL SHE	NOI		Fax	(714) 73	4-9138			A	naly	sis F	Requ	estec	 d	֍		Test Instructions & Comm	ents
Project Name CA	LIFORNIA	LINEN		Project	*		6	E	•			, ,						
Site Name and O Address	AKLAND	, CA	*				(801	BE (80										
Sample ID	Lab ID	Date	Time	Matrix	Containe Number/S	er ize Pres.	TPH-G	BTEX/M1										
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

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FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 186545
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	03/20/2007
	#142			
	Tustin, CA 92780		RECEIVED	03/13/2007
PROJECT	California Linen, Oakland, CA			
SUBMIT	TER Client			

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
784316	Combined
784317	E-1
784318	E-2
784319	E-3
784320	E-6
784321	MW-1
784322	Stack

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

TED LABORA

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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Lab request 186545 cover, page 1 of 1

Result __ DF __DLR_ Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	3.1	5	0.05	Vppm	03/13/07	LT
Ethyl benzene	11	5	0.05	Vppm	03/13/07	LT
Methyl t - butyl ether	ND	5	0.5	Vppm	03/13/07	LT
Toluene	44	5	0.05	Vppm	03/14/07	LT
Xylene (total)	46	5	0.15	Vppm	03/14/07	LT
Benzene	9.9	5	0.15	ug/L	03/13/07	LT
Ethyl benzene	47	5	0.2	ug/L	03/13/07	LT
Methyl t - butyl ether	ND	5	1.8	ug/L	03/13/07	LT
Toluene	164	5	0.2	ug/L	03/14/07	LT
Xylene (total)	201	5	0.65	ug/L	03/14/07	LT

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	·······	525	5	25.0	Vppm	03/13/07	LT
Gasoline		2150	-5	110.5	ug/L	03/13/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES Analytical Results Report

Order #: 784317	Client: Calclean
Matrix: AIR	Client Sample ID: E-1
Date Sampled: 03/12/2007	
Time Sampled: 08:05	

Sampled By:

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	1.4	5	0.05	Vppm	03/14/07	LT	
Ethyl benzene	5.0	5	0.05	Vppm	03/14/07	LT	
Methyl t - butyl ether	ND	5	0.5	Vppm	03/14/07	LT	
Toluene	27	25	0.25	Vppm	03/15/07	LT	• · · •
Xylene (total)	27	5	0.15	Vppm	03/14/07	LT	
Benzene	4.6	5	0.15	ug/L	03/14/07	LT	
Ethyl benzene	22	5	0.2	ug/L	03/14/07	LT	
Methyl t - butyl ether	ND	5	1.8	ug/L	03/14/07	LT	
Toluene	102	25	1.0	ug/L	03/15/07	LT	
Xylene (total)	118	5	0.65	ug/L	03/14/07	LT	

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	265	5	25.0	Vppm	03/14/07	LT
Gasoline	1080	5	110.5	ug/L	03/14/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 784318	Client: Calclean
Matrix: AIR	Client Sample ID: E-2
Date Sampled: 03/12/2007	
Time Sampled: 08:10	

Sampled By:

Result DF DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.29	1	0.01	Vppm	03/13/07	LT
Ethyl benzene	0.22	1	0.01	Vppm	03/13/07	LT
Methyl t - butyl ether	0.34	1	0.10	Vppm	03/13/07	LT
Toluene	0.67	1	0.01	Vppm	03/13/07	LT
Xylene (total)	1.2	1	0.03	Vppm	03/13/07	LT
Benzene	0.92	1	0.03	ug/L	03/13/07	LT
Ethyl benzene	0.96	1	0.04	ug/L	03/13/07	LT
Methyl t - butyl ether	1.2	1	0.36	ug/L	03/13/07	LT
Toluene	2.5	1	0.04	ug/L	03/13/07	LT
Xylene (total)	5.1	1	0.13	ug/L	03/13/07	LT

8015B - Gasoline in Air - (Vppm & ug/L)

<pre>// // // // // // // // // // ////////</pre>							
Gasoline		11	1	5.0	Vppm	03/13/07	LT
Gasoline		45	1	22.1	ug/L	03/13/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 784319	Client: Calclean
Matrix: AIR	Client Sample ID: E-3
Date Sampled: 03/12/2007	
Time Sampled: 08:15	

Sampled By:

Result DF DLR_U

DLR Units Date/Analyst

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	0.26	1	0.01	Vppm	03/13/07	LT
Ethyl benzene	0.17	1	0.01	Vppm	03/13/07	LT
Methyl t - butyl ether	0.08	1	0.10	Vppm	03/13/07	LT
Toluene	1.1	1	0.01	Vppm	03/13/07	LT
Xylene (total)	0.87	1	0.03	Vppm	03/13/07	LT
Benzene	0.83	1	0.03	ug/L	03/13/07	LT
Ethyl benzene	0.74	1	0.04	ug/L	03/13/07	LT
Methyl t - butyl ether	0.29	1	0.36	ug/L	03/13/07	LT
Toluene	4.1	1	0.04	ug/L	03/13/07	LT
Xylene (total)	3.8	1	0.13	ug/L	03/13/07	LT

8015B - Gasoline in Air - (Vppm & ug/L)

ASSOCIATED LABORATORIES

Gasoline	7.3	1	5.0	Vppm	03/13/07	LT
Gasoline	30	1	22.1	ug/L	03/13/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Client: Calclean Client Sample ID: E-6

Order #: Matrix: AIR Date Sampled: 03/12/2007 Time Sampled: 08:20 Sampled By:

784320

Analyte	Result	DF	DLR	Units	Date/Analys	t
8021B BTEX/MTBE in Air - (Vppm & ug/L)						
Benzene	3.1	3	0.025	Vppm	03/13/07 LT	
Ethyl benzene	8.8	3	0.025	Vppm	03/13/07 LT	
Methyl t - butyl ether	ND	3	0.25	Vppm	03/13/07 LT	
Toluene	33	25	0.25	Vppm	03/14/07 LT	-
Xylene (total)	36	25	0.75	Vppm	03/14/07 LT	
Benzene	9.9	3	0.075	ug/L	03/13/07 LT	
Ethyl benzene	38	3	Q.1	ug/L	03/13/07 LT	
Methyl t - butyl ether	ND	3	0.9	ug/L	03/13/07 LT	
Toluene	125	25	1.0	ug/L	03/14/07 LT	
Xylene (total)	156	25	3.25	ug/L	03/14/07 LT	

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	1	464	3	12.5	Vppm	03/13/07	LT
Gasoline		1900	3	55.25	ug/L	03/13/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Calclean

Client Sample ID: MW-1

Order #: 784321 Matrix: AIR Date Sampled: 03/12/2007 Time Sampled: 08:25 Sampled By:

Analyte

Result	DF	DLR	Units	Date/Analyst
		اللا الذرا كالنجامة بزامانيا بيبي يرب		

8021B BTEX/MTBE in Air - (Vppm & ug/L)

Benzene	3.2	3	0.025	Vppm	03/13/07	LT	
Ethyl benzene	9.2	3	0.025	Vppm	03/13/07	LT	
Methyl t - butyl ether	0.22	3	0.25	Vppm	03/13/07	LT	
Toluene	32	25	0.25	Vppm	03/15/07	LT	
Xylene (total)	29	25	0.75	Vppm	03/15/07	LT	
Benzene	10	3	0.075	ug/L	03/13/07	LT	
Ethyl benzene	40	3	0.1	ug/L	03/13/07	LT	
Methyl t - butyl ether	0.81	3	0.9	ug/L	03/13/07	LT	
Toluene	118	25	1.0	ug/L	03/15/07	LT	
Xylene (total)	126	25	3.25	ug/L	03/15/07	LT	

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	478	3	12.5	Vppm	03/13/07	LT
Gasoline	1950	3	55.25	ug/L	03/13/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Calclean Client Sample ID: Stack

Matrix: AIR Date Sampled: 03/12/2007 Time Sampled: 08:30 Sampled By:

Analyte

Order #:

Resul	t DF	DLR	Units	Date/Analyst	
					-

8021B BTEX/MTBE in Air - (Vppm & ug/L)

784322

Benzene	ND	1	0.01	Vppm	03/13/07	LT	
Ethyl benzene	ND	1	0.01	Vppm	- 03/13/07	LT	
Methyl t - butyl ether	ND	1	0.10	Vppm	03/13/07	LT	
Toluene	0.22	1	0.01	Vppm	03/13/07	LT	
Xylene (total)	0.34	1	0.03	Vppm	03/13/07	LT	
Benzene	ND	1	0.03	ug/L	03/13/07	LT	
Ethyl benzene	ND	1	0.04	ug/L	03/13/07	LT	•
Methyl t - butyl ether	ND	1	0.36	ug/L	03/13/07	LT	
Toluene	0.83	1	0.04	ug/L	03/13/07	LT	
Xylene (total)	1.5	1	0.13	ug/L	03/13/07	LT	
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8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	ND	1	5.0	Vppm	03/13/07	LT
Gasoline	ND	1	22.1	ug/L	03/13/07	LT

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES QA REPORT FORM

QC Sample:	186524-249
Matrix:	AIR
Prep. Date :	March 13, 2007
Analysis Date:	3/13/07-3/14/07
Lab ID#'s in Batch:	LR 186524, 186503, 186527, 186545, 186570.
REPORTING UNITS =	Vppm

Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	243.14	230.32	5
Benzene	8021B	1.00	0.90	11
Toluene	8021B	6.30	5.95	6
Ethylbenzene	8021B ·	2.35	2.20	- 7
Xylenes	8021B	8.20	7.75	6

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ND = "U" - Not Detected

RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

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ASSOCIATED LABORATORIES

806 North Batavia - Orange, CA 92868 Phone: (714) 771-6900 Fax: (714) 538-1209

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Chain of Custody Record

Co	mpany	300	2 Dow, #142	2			Phone	(744)												$ \langle $	LUK		
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator



FAX 714/538-1209

CLIENT	Calclean	(9977)	LAB REQUES	ST 187014
	ATTN: Noel Shenoi			
	3002 Dow Ave.		REPORTED	03/27/2007
	#142			
	Tustin, CA 92780		RECEIVED	03/20/2007
PROJECT	Γ California Linen			

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification					
786284	Combined					
786285	E-2					
786286	E-1					
786287	E-3					
786288	E-6					
786289	MW-1					

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSO TED LABORATORIES by. S. Behare, I

Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING Chemical Microbiological Environmental

Lab request 187014 cover, page 1 of 1

Client: Calclean

Client Sample ID: Combined

Order #: 786284 Matrix: AIR Date Sampled: 03/19/2007 Time Sampled: 11:00 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
BTEX/MTBE in Air - (Vppm & ug/L)					
Benzene	0.02	1	0.01	Vppm	03/21/07 LD
Ethyl benzene	0.16	1	0.01	Vppm	03/21/07 LD
Methyl t - butyl ether	ND	1	0.1	Vppm	03/21/07 LD
Toluene	0.24	1	0.01	Vppm	03/21/07 LD
Xylene (total)	0.28	1	0.03	Vppm	03/21/07 LD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Client: Calclean Client Sample ID: E-2

Order #: 786285 Matrix: AIR Date Sampled: 03/19/2007 Time Sampled: 11:10 Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8021B BTEX/MTBE in Air - (Vppm & ug/L)					
Benzene	0.05	1	0.01	Vppm	03/21/07 LD
Ethyl benzene	0.08	1	0.01	Vppm	03/21/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	03/21/07 LD
Toluene	0.15	1	0.01	Vppm	03/21/07 LD
Xylene (total)	0.24	1	0.03	Vppm	03/21/07 LD
3015B - Gasoline in Air - (Vppm & ug/L)			•		
Gasoline	17	1	5.0	Vppm	03/21/07 LD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

Client: Calclean Order #: 786286 Client Sample ID: E-1 Matrix: AIR Date Sampled: 03/19/2007 Time Sampled: 11:20

Α	n	a	ly	te
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Sampled By:

Analyte	Result	DF	DLR	Units	Date/An	alyst
21B BTEX/MTBE in Air - (Vppm & ug/L)		·				
Benzene	0.08	1	0.01	Vppm	03/21/07	LD
Ethyl benzene	0.06	1	0.01	Vppm	03/21/07	LD
Methyl t - butyl ether	1.3	1	0.10	Vppm	03/21/07	LD
Toluene	0.11	1	0.01	Vppm	03/21/07	LD
Xylene (total)	1.2	1	0.03	Vppm	03/21/07	LD

Gasoline	28	1	. :	5.0	Vppm	03/21/07	LD
		l					

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 786287 Matrix: AIR Date Sampled: 03/19/2007 Time Sampled: 11:35 Client: Calclean Client Sample ID: E-3

Sampled By:

An	alyte	Result	DF	DLR	Units	Date/An	alyst
21B BTEX	/MTBE in Air - (Vppm & ug/L)						
Ben	izene	0.05	1	0.01	Vppm	03/21/07	LD
Eth	yl benzene	0.07	1	0.01	Vppm	03/21/07	LD
Me	thyl t - butyl ether	ND	1	0.10	Vppm	03/21/07	LD
Tol	uene	0.15	1	0.01	Vppm	03/21/07	LD
Xyl	lene (total)	0.18	1	0.03	Vppm	03/21/07	LD

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Gasoline		14	1	5.0	Vppm	03/21/07	LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES ⁴

Order #: 786288	Client: Calclean
Matrix: AIR	Client Sample ID: E-6
Date Sampled: 03/19/2007	
Time Sampled: 11:45	
Sampled By:	

Result	DF	DLR	Units	Date/Analyst
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8021B BTEX/MTBE in Air - (Vppm & ug/L)

Analyte

Benzene	0.54	1	0.01	Vppm	03/21/07	LD
Ethyl benzene	1.3	1	0.01	Vppm	03/21/07	LD
Methyl t - butyl ether	ND	1	0.10	Vppm	03/21/07	LD
Toluene	8.1	1	0.01	Vppm	03/21/07	LD
Xylene (total)	6.6	1	0.03	Vppm	03/21/07	LD

8015B - Gasoline in Air - (Vppm & ug/L)

	 						· · · · · · · · · · · · · · · · · · ·
Gasoline	1	107	1	5.0	Vppm	03/21/07	LD

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

Order #: 786289	Client: Calclean
Matrix: AIR	Client Sample ID: MW-1
Date Sampled: 03/19/2007	
Time Sampled: 12:00	

Αι	nalyte	

Sampled By:

Result	DF	DLR	Units	Date/Analyst		
0.54	1	0.01	Vppm	03/21/07 LD		
1.3	1	0.01	Vppm	03/21/07 LD		
ND	1	0.10	Vppm	03/21/07 LD		
5.5	5	0.05	Vppm	03/21/07 LD		
6.6	1	0.03	Vppm	03/21/07 LD		
	Result 0.54 1.3 ND 5.5 6.6	Result DF 0.54 1 1.3 1 ND 1 5.5 5 6.6 1	Result DF DLR 0.54 1 0.01 1.3 1 0.01 ND 1 0.10 5.5 5 0.05 6.6 1 0.03	Result DF DLR Units 0.54 1 0.01 Vppm 1.3 1 0.01 Vppm ND 1 0.10 Vppm 5.5 5 0.05 Vppm 6.6 1 0.03 Vppm		

8015B - Gasoline in Air - (Vppm & ug/L)

Gasoline	1	107	1	5.0	Vppm	03/21/07	LD
							·· ·· · ·· ··

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



ASSOCIATED LABORATORIES

ASSOCIATED LABORATORIES QA REPORT FORM

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QC Sample:	187014-289
Matrix:	AIR
Prep. Date :	March 21, 2007
Analysis Date:	March 21, 2007
Lab ID#'s in Batch:	LR 187014, 187033, 187032

REPORTING UNITS = Vppm

SAMPLE DUPLICATE RESULT

		Sample	Sample	
Test	Method	Result	Duplicate	%RPD
Gas	8015M	28,196	27,453	3
Benzene	8021B	0.64	0.63	2
Toluene	8021B	12.10	12.30	2
Ethylbenzene	8021B	1.69	_1.68	1
Xylenes	8021B	7.70	7.65	1

ND = "U" - Not Detected RPD = Relative Percent Difference of Sample Result and Sample Duplicate

RPD LIMITS = 20%

ASSOCIATED LABORATORIES

806 North Batavia

Orange, CA 92868 Phone: (714) 771-6900 • Fax: (714) 538-1209 187014 i. T



2

Chain of Custody Record

3002 Dow, #142 ____

Company	3002 Dow, #142 Tustin, CA 92780 Phone (714) 734-9137										A.L. Job No.									ر ۲۵۲ Page	lof	1
Project Manager	NOEL SH	IENO	Ol ^{Fax} (714) 734-9138							Analysis Requested							14	1	Test Instructions	& Com	nents	
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Distribution: White - Laboratory Canary - Laboratory Pink - Project/Account Manager Goldenrod - Sampler/Originator

CalClean Inc.

ATTACHMENT 2

11

HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEETS
CALCLEAN INC.

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17.00	17	212	1707	308	011	FTMV	367	HYMV.	201	THUR	204	KAWA	 	 	ļ		107	HIMV		
1200	15	211	1903	587			 	<u> </u>		<u> </u>	ļ	- <u> </u>	<u> </u>	ļ	 	 				,
1600	115	211	1707	582	_		ļ	 	Į		 	. 	 	ļ	 		ļ		ļ	
1000	15	213	1903	1301		<u> </u>	ļ		 	<u> </u>		. 		<u> </u>	<u> </u>	ļ			·	
0 1207		<u> </u>					 	_	 					┟			 		 	
2-1201	15	-7 111	NIAF	1			 	┨────		+-	 				<u> </u>		<u> </u>	<u> </u>	 ,	
0700		217	1405	1344	Dall	OCHIL	DUM	0111	0-1		1011			0	1	<u> </u>	aci		 	
0800	15	215	1401	13-1-	004	PPPIV	378	PYMV	836	Theway	[96]	PPMU	0.86	Kr/L	·	┨────	718	I PANI	·	
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1600	12	217	11-01	1360	+		 		_	÷					<u> </u>				·	
2000	1-2-	410	1706	15104					 				<u> </u>				· · · ·		<u> </u>	
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L	L	<u> </u>		1 <u> </u>	<u> </u>					<u> </u>		700			20	<u> </u>			.I	L
Comme	ents. Z	12-	0/	Tak	e C	onic	>ING		MP/	2		200	<u>) (5</u>		TMV				: 	 ,

Project Lo	cation: 9	89 41ST	STREET			City: O A	KLAND	, r	Site	#: CAL		LINEN	i		Date	21	<u>5</u> 1 200	(71 P	4) 734-913 '290 <u>43</u> 0'	17 f
			N		—	- 0	Operato	r (8):	AUS		NO.									
Initial Dep	th to Grou	ndwater/F	P		Wol#1:	$\frac{2-h}{202}$	Woll#2:		Well #3: -	=-5	Well #4:	-6	Well #5: -		Well #6:]	-	Weil #7: [\	<u>1W-1</u>	Well #8:	
Screen In	terval					.15	1	•25		121	<u> </u>	X5	<u> </u>	15	14	•44	16.	-75		
Time	Unit Vacuum ("Ha.)	Total Flowrate (scfm)	TOX Temp. (deoE)	TOX Inlet Conc.		Stinger Depth		Stinger Depth							Vacuum ″H₂O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum ″H₂O	DTW (ft)
2/13/07	(3-/	(((ppint)	60mi	1721	00mi		OPEN	071	601	101	VAC	DIW	ALK	SP.	~~~	201	┟╍╍╍╺╋	
0400	15	714	1400	362	LTEN	62	UPEN	20	UPEN	60	UTEN	IM_					OFEN	20	┢───╋	
0800	15	211	1407	759	781	DDM	242	00	ank	00 .	197	122.	6 07	9.00			04	00.	┟∔	
1200	15	213	1407	351	102		512	<u>E L MY</u>	027	TTMY	101	ITMY	0.21	122			92	FLW	+	
1600	15	214	1406	352	 		<u> </u>										 		┢────┼	
2000	15	213	1407	351	 		 			· · · ·							<u> </u>		+	
					1		 				· · · · ·						 	├ ───┤		
2/14/07																			 +	
0400	15	214	1407	348		[<u> </u>
0800	15	213	1406	346	754	PPMV	322	PPMV	811	PRV	1410	PAN	1-14	8.30			84	PAN		
200	15	211	1407	342																
600	15	214	1406	339									· · ·				1	h		·····
2000	15	213	1402	336													1		· •	
																	1			
2/15/07																				
<u> 5460</u>	15	211	1407	334																
0800	15	214	1407	332	724	PPMV	311	PRIV	782	PAN	132	FAN	0.72	8.20			74	PPM		
1200	15	213	1406	329	 	ļ	ļ						•							
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Comments:

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Project Lo			City: O/	KLANE)	Site	#: CAL	IFORNIA	LINEN	I		Date	21	612007	,	age 44 of	F			
Client: C	ALIFORI	NIA LINE	N				Operato	or (s):	Faust	in0			_							
<u></u>					Weil#1:	<u></u> 2	Wollf2:	F-T	Well #3:	5-3	Well #4:	E-6	Weil #5: F	-7	Well #6:]	-1	Weil #7: //	IN-1	Weil #8 :	
Screen In	th to Grou terval	undwater/F	P		0	1.93		7.25		0·2/	6	1.85	(8.73		9.49		6.75		
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth							Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	V acuum "H ₂ O	DTW (ft)
2-16					APEN	23'	APE	731	OPENI	777	OPEN	A/	YIR.		TIK	<u>>r</u>	OPEN	201		
0400	15	214	1407	321	0,				VIEN	<u></u>	OTLIV			<u> </u>		-	UIEN	60		
0800	15	211	1406	319	711	PPAN	308	PPMV	774	PPMV	124	PPAN	1.24	2.16			62	PPUN	+	
1200	15	213	1403	316				[h				10.10			<u>v</u>	110.0		
1600	15	212	1467	319						1				1						
2000	15	214	1402	314																
7-17							 	·	 	· · ·	·			 				ļ		
0400	15	213	1402	317	<u> </u>	<u> </u>	<u>├</u> ───	<u> </u>						<u> </u>	 	 		 	┟╌╌┼	
0200	15	214	1407	311	70%	PAN	29%	pom/	754	PPMV	177	DOMV					19	DOIAL		
1200	15	211	1406	308	1				121	1100	166	10.0		<u> </u>	 		20	TAIV	╏───┤	
1600	15	214	1407	204	t	<u> </u>	1	<u> </u>				<u> </u>			†		 	<u> </u>	┠┠	
2000	15	213	1:106	299													<u> </u>	<u> </u>	 	
7-18							ļ													
0400	15	214	1407	797		<u> </u>	 	 						 	 	 				
5400	15	212	1406	794	hah	DPINI	797	OPAN	748	PPAN	119	DAN	}	+	 	<u> </u>	E 11	DOM	╏──┤	
1200	15	214	407	79Z	10 IQ		6.16	11/10	1.1.0.	1 100		FINN		+	 	<u>}</u>	54	PPPI		
1600	15	215	1406	291	ţ	<u> </u>		<u> </u>	<u> </u>			+		<u> </u>		 	<u> </u>	<u> </u>	 	
200	5	Z12	1407	289	[<u> </u>		 		1		+		<u> </u>		<u> </u>		
					1	<u> </u>	I					1		1		<u> </u>	1	<u> </u>	 	
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Comments:

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Project Lo Client: C .	cation: 9 ALIFORI	89 41ST NIA LINE	STREET N			City: O A	KLANE Operato) w (s): /(7 sit ę XHV (#: CAL K	FORNI	LINEN	I		Date	: <u>2,1</u>	1 2007	F	ege <u>45</u> o	ir I
	•	•			Wei#1: {	52	Weil#2:	5-1	Welt #3: {	5-3	Woll #4: E	3-6	Well #5: -	-7	Well #6: 7	-1	Well #7: /	MAL-1	Well #8:	-
Initial Dep Screen In	th to Grou terval	undwater/F	P		<u> </u>	3	7:	25	10.2	.1	9.8	5	<i>G</i> , 7	73	14	41	16.	75		
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Iniet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)				1	VAC	DAul	Vacuum "H2O AT.P	DTW (ft) 5P	Vacuum "H₂O	DTW (ft)	Vacuum "H₂O	DTW (ft)
2/19					Clen	23'	OVEN	23'	OPEN	231	OPENI	19'			7-Am	5-Pm	OPN	20'		
<u>OYCO</u>	15	212	1408	287				,									<u> </u>			
<u>Ulac</u>	15		1411	285	694	PImV	289	PPmV	745	PPmV	[17	Phny	N	A			51	PPm		
1200	<u>15</u>	214	<u>407</u>	184	<u> </u>					· ·	L			,						
<u>1120</u> 2000	15 15	$\frac{213}{213}$	1410	282						 	_									
3.50																				
ALC.	16	2.0	111 7	2.55		<u> </u>														
and a	12-	40	1403	<u>ett</u>	7 11	170 .1		211.1												
1700	$\frac{10}{15}$	215	$\frac{1409}{1111}$	275	691	FMY	287	r pmv	745	HM	115	<u>[17h]</u>	0.2	823		ļ	49	print		
In	15	212	14/1	554	 					 		 		 	 					
200	15	200	140	269										<u> </u>	<u> </u>				· · ·	
2/21												1								
nilno	15	205	1Un4	267							 	+	 		 					
2800	16	210	ILM7	566	199	FIM/	745	ant	217	as	113	TRAI	עבט	ain	 	 	11.5.	1201		
1200	15	211	14.0	264	001	<i>1111</i>		<u>v vr</u> ų.	113	₩ <i>₽₩₩</i>	<u>"'./_</u>	V / A W	1.71	0.40	}	┟────	47	rma		
1600	15	24	1405	262		<u> </u>				<u> </u>		┨╌───		<u> </u>		┨────	 	 		
2000	15	212	1411	259								1								
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Project Lo	cation: 9	89 41ST	STREET			City: OA	KLAND		- Site		IFORNIA		I		Date		2,000-	(/1	L'A	17 6
Client: C	ALIFORI	NIA LINE	N				Operato	r (s): <u>1</u> 0	Hic	Ķ.					Dak		23,2001	F	age <u>-1 6</u> 0	, <u> </u>
					Wei#1 ;	E-2	Weil#2:	E-1	Well #3: [3	Well #4:	=-6	Well #5: 🖯	-7	Well #6 :]	[]	Weii #7: /	(1)/-)	Well #8 [.]	
Initial Dep Screep In	th to Grou	indwater/F	P		9.9	3	7.	25	10.	2	9.4	5 Š	9,7	5	74.	49 ⁻¹ -	16.7	-5		
Time	Unit	Total	TOY																	
	Vacuum	Flowrate	Temp.	Conc.		Sanger Depth	!	Stinger Denth							Vacuum	DTW	Vacuum	DTW	Vacuum	DTW
	("Hg.)	(scfm)	(degF)	(ppmv)	1	(feet)	1	(feet)					VAC	TTT.	ATD	GP	"H ₂ O	(11)	"H ₂ O	(11)
2-22				•	OPDN	731	Rent	231	OPAN	27	man	191	VIIC		THE	F.D.	Cont	201		
0400	15	210	140 U	254	010/1	<u> </u>	1011	20	<u>//e//</u>	2	Cleri				<u>/~/~//)</u>	5-17M	UPEN	20'		
0800	15	700	1409	252	697	PANY	793	Pm	ZILT	TAV	711	CR2	002	a 21			116	2.1		
1200	15	205	1415	265		1 1 1 1	LUS_	[/ /]]	<u> 79 /</u>	1 / //1	111	1-770	1000	<i>v. ŋ</i>			<u>45</u>	IMV		
1600	15		UIA	757	 							<u> </u>								
2000	15	215	1413	551																
		\$15	<u></u>	aur	<u> </u>	[····						
7-27		· ·			├ ───							┣───								
NUC	15	2m	Ilat	2119		<u> </u>						ļ								
0900	15	210	NIL	5112	LOIL	(an)	201	12ml	770	\mathbf{n}	10/1	m	0.00	0.10					 	
1200	16	512		SIL	VOY	[MILV	28	FMV	150	PPTNV	109	MAN	0,85	<u>7.40</u>			44	11ml]
1600	15	SIK	1409	2112								 								
2000	15	a OF	140	240																
- <u>-</u>	+	ours.	1400	240						· · · ·		 			·				·	
2-24	1				 															
CHOO	15	220	11/00	730								 								
0900	15	200	19/7-5- L	777	202	Dan1/	770	Bal		72.17	103	David	A (7A	A/ / ^	[00.1	ll	
$\frac{1}{100}$	1	212	11607	$\frac{\sqrt{3}}{\sqrt{2}}$	000	עוידין	271	rin y	+512	YTNY	107	FEWA	<u>/V/4</u> _	11/A	ļ		42	PHMY	 	
than	16-	200	HAE	200	 							 	·							
and	15	215	1903	275									ļ		L					
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Comments:

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Project Lo Client: C/	cation: 9 ALIFORI	89 41ST Nia Line	STREET N			City: OA	KLAND Operato	r (s):) sie i atri (K K	FORNIA	LINEN	i		Date	22	512007	{/1 F	age Zo	iz
					West 1: [-2	Walk?	-1	Weil #3: E	-3	Mil #4: F	-6	Mail #5: "F	-7	Well #6	5-11	Mell #7.	M /4	Mini ata-	
Initial Dep Screep Int	th to Grou	undwater/F	P		9,4	3	7.	25	10.2	1 T	9.9	5	8.7	-5	14.	\overline{rq}	16.7	.5		
Time	Unit	Total	TOY	TOY Intel	· · ·	0														
	Vacuum	Flowrate	Temp.	Conc.		Sunger Depth		Stinger Death							Vacuum	DTW	Vacuum	DTW	Vacuum	DTW
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					NAC	ITTA	ATD	SP	n ₂ 0	(11)	n ₂ 0	(11)
2-25				•-	OKA	221	OPPN	231	OP N	221	ABAL	id1			FAM	r.Pm	CBN/	\hat{D}		
0400	15	220	1404	230				\sim			0010				(-Am	5 (1)	JICIV	\sim		
0800	15	205	1411	217	679	PPmi	7777	Pm1/	225	Pani	INF	Paul	AT /A	AL A			H.F	(Day)		
1200	15	215	1407	226	V/ (α/T	V Conthes	1.15	<u>s privity</u>	105	<u>1. E 11 (V</u>	μ ν /ι	////1		h	1	<u>P7NY</u>		
1600	[5	200	1412	22 4			 						<u> </u>		<u> </u>	 			├	·
2000	15	210	iln9	221			<u> </u>							<u> </u>	 	}	}i		┠	
		este		<u> </u>	 		 					<u> </u>	 		 		 		┠───┤	<u> </u>
2-26		·			 						·	 				 	 		╏────┤	
QUA	15	200	1407	219										 	 	┠───	 		┨───┨	
DROD	15	215	infold	312	177	172 at	775	Prai	72-7	an .	102	M.V	ALT -	071		 	HA	0		
200	15	706	ILIO	215	077	PŢſĬĬŲ	\$70	<u>CETTV</u>	73.7	r na v	105	17m	(JDF	14.70	 		40	HM	 	,
1600	15	270		313								 		 	 	ļ	_			
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000	1.2	aiv_	14 11-	d 10	 		<u> </u>					 	 	ļ	ł	ļ	· · ·			
2-27					 			· · · · ·			[ļ	 			
allan	15	215	11102	200									.	 	 		ļ	<u> </u>		
0400	15	320	1407	209	275	Pon 1	270	12hu	701	Charl		ma	noi	070		 		COLST	4	
1200	I F	220	11410	AUF	070	(MAY	2m	PRINK	TOL	MUK	101	1 KNU	Up	671	4	 	37	<u>hwi</u>		
1hnn	15	DOF	11601	Soft		 	<u> </u>	 	 	┠		<u> </u>	<u> </u>	<u> </u>			_	 	 	
200	15	710	1412	Toa	<u> </u>	{	ł	<u> </u>	 	 	 	╂───		 	}	<u> </u>	 	 	 	
01/00	12	av()	1113		┨	 	<u> </u>	┣	 	 	 	╂──~	+					 		
						<u> </u>	<u> </u>	 	 	╂	┣───	╂───	·}		.	_	.	 	_	
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nitial Depth to Groundwater/FP	Wei#1: { 972	2 13	Wellik2:	5-1												
	rt I		[<u>+</u> i,	25		2-3	Well #4: [9.8	5-6 5	Well #5: [8, 7.	-7 5	Well #6:]]4, L	- <u>1</u> F9	wee #7:N 16.7	1h/7 -5	Weil #8:	
Time Unit Total TOX TOX In Vacuum Flowrate Temp. Conc. ("Hg.) (scfm) (degF) (ppmv		Stinger Depth (feet)		Stinger Depth (feet)					VAC	ista/	Vacuum "H ₂ O ATTR	DTW (ft) SD	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
7400 15 205 1402 197	OPEN 656	23' PPm/	OPEN DELS	231 129m1	OPEN	23	OBN	[91 12-11	0.07		7:-AM	5- <i>Pi</i> n	OTEN	201		
20 15 200 109 213				<u>KLU¥</u>	724				<u>0,43</u>	6.44]			40	HMIK		
3-1 3-1																
400 15 200 1406 20 200 15 205 1413 25 600 15 210 1409 217	260	PANY	276	PANY	736	14nV	[10	PRMY	[,!'' 0.6]	8.40			2 2 2 2	HAN/		
3+2											· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			<u>·</u>
2800 13 200 1404 221 2800 15 215 1407 219 200 15 210 1411 226	261	P99n¥	275	fBri	73 <i>7</i>	FIBAN	113	FFMV	0.83	84Q			51	FANY		
200 5 200 406 224																

CALCLEAN INC.

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Pag	e 49 of	

Project Location: 989 41ST STREET Date: <u>31312007</u> City: OAKLAND Site #: CALIFORNIA LINEN Client: CALIFORNIA LINEN 6tr Operator (s): Wellin: Well #4: E-6 Nolift: I-Weil #3: E3 Well #5: -- 7 Well #6: 1 - / Well #7/MM/- Well #8: Initial Depth to Groundwater/FP 9.93 7.25 102 9,85 8.75 4.49 Screen Interval 16.75 Unit Total TOX **TOX Inlet** Stinger Stinger DTW Vacuum Vacuum DTW Vacuum Flowrate Temp. Conc. Depth Depth "HO (ft) ЧЬО (ft) ("Hg.) (scfm) (degF) VAC (ppmv) SP (feet) 17Tu AIR (feet) 23 DRAN OPEN 23' OPENDA" DPEN 19' 7-AM 5-PM DBN 7Nº 5 222 IUAT 15 2in 405 230 262 FAN/277 FAN/738 FAM/14 FAN/N/A N/A A3 9ml 200 220 413 1:5 705 1410 22 127/1407/227 15 ouco 15 205 1403 1224 22.8 263 1AMV 278 1AMV 739 1220 1407 PRIVITA PANY W/A N/A 54 971 1469 Ø 23 140 237 วกก . 715 15 233 141 9 210 1484 734 15 200 1466 264 PPMY 274 PPMV 741 PPMV 236 118 PPN 0.92 840 $\mathcal{L}^{\mathcal{L}}$ PPmy 5 220 407732 5 205 1408 278 215 5 14051241

Comments:

Time

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2000

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1200

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(714)	734-9137
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Client: C	ALIFORI	89 418T NIA LINE	STREET N			City: O/	KLANI Operate) pr (s):	ath	#: CAL CK	FORNIA	LINEN	1	*	Dat	31	2007	F	Page <u>50</u> o	I
Initial Der	th to Grou		P		Wei#1:	22	Weilif2:	E-1	Well #3:	-1-3	Woll \$4: [-6	Weil #5: E	7	Well #6:	2-1	Well #7:/	144	Well #6:	
Screen in	tervai																/			
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (deaF)	TOX Inlet Conc.		Stinger Depth		Stinger Depth					IAC		Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
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OUN	15	200	403	249			ļ		 	<u> </u>		 	ļ	 	ļ		 			
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CALCLEAN INC.

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Project Location: 989 41ST STREET Client: CALIFORNIA LINEN						City: O/		Site #: CALIFORNIA LINEN					Date: 3 19 12007 Page 54 of					iz		
1. 11. 1. 5		·			Wei#1: [-2	Wollik2:	5-1	Well #3:E	-3	Weil #4: []	-6	Well #5: F	-7	Well #6:	-1	Wei #7:/	W-1	Winit #8:	
Screen In	th to Grou Verval	undwater/F	P	· · · · · · · · · · · · · · · · · · ·	9.93		7.	7.25		10.21		5	8.7	5	14.4	F9'	16.7	5		
Time	Unit Vacuum ("Hq.)	Total Flowrate (scfm)	TOX Temp. (deaF)	TOX Inlet Conc.		Stinger Depth	1	Stinger Depth					Inc	σπ./	Vacuum TH-O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
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0400	15	205	1406	277	066	FANV	276	87n1/	72111	94	121	97m1/	AC	941			E 7	00nV		
1200	15	215	1408	236			Pr U		1.41	RYME	121_	1 Priv	0:0	DIT			2.7-	11/11/	┠∔	
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paco	15	20	1407	235																
3-10												 	}						┠───┤	
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QYOU	15	205	1406	233	265	PANY.	277	PHNV	740	PAN	120	PHN	N/A	N/A			5%	12mV		
μQ	15	220	141	234							1							110.218		
Harry	15	210	1409	235	ļ		ļ	ļ										·		
au	13	215	1407-	232	 		<u> </u>		 	ļ			<u> </u>	ļ					·	
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0900	15	200	1407	231	264	PPMV	274/2	MAY	787	FANV	118	PAN	NIA	1///		<u> </u>	5:5	Par		
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Project Location: 989 41ST STREET Client: CALIFORNIA LINEN						City: O /	KLANE Operate) pr (s): <u>1</u> 0	A Site #: CALIFORNIA LINEN							. <u>3 h</u>	2 2007	(7 [.] 1	(714) 734-9137 Page Qof		
Initial Dep	th to Grou	Indwater/F	P	·		2-2- 13	Wolurz:	5-]	Welt #3:	<u>-3</u>	Well #4:E	-6	Weil #5: [-	5-7	Well #6:	-	Well #7:/	1W-]	Weil #8 :		
Screen in	erval				7		17-2	<u> </u>		21	4.85	2	6.7.	2	14.4	9	16.7	25			
lime	Unit Vacuum ("Ho.)	Total Flowrate	TOX Temp.	TOX Injet Conc.		Stinger Depth		Stinger Depth							Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW	
3-12	((00111)	(uegr)	(ppmv)	on T	(feet)		(feet)					NAC	NW	ÆFR	SP				(-4	
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6400	10	220	ILOZ	226	213	in it	0									*					
hao	$\frac{12}{10}$	777	1407	Ld.F	262	TPMV	275	HmV:	735	Frm	119	PRAV	0.30	6.40			5b	11Anv			
600	15	219	1705	210	 		ļ			· · ·									†		
2000	15	215	1401	2795				 	 	 		<u> </u>						1			
	<u> </u>	1.12	106	235			<u> </u>	<u> </u>		ļ.,	· .	-						·			
3/12										 											
					 		 			 		<u> </u>									
0400	15	209	1405	777	 		3	<u> </u>		<u> </u>											
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1200	15	211	1407	227	27	PPNIN	1.70	PPMV	586	PPAN	105	PPMV	0.97	9.10							
1600	15	719	1407	770									· · · ·			*					
2000	15.	270	1409	270															· .		
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3/14	X.		2 (B)	1 - 1 - 1 - 1 - 1																	
	7 1 1					s the s	211	2267	769	11.	1		OTES	7.3					┢───╁	·	
0400	5	213	1406	718				1.67	1.0.60	11.		<u>ili.</u> V	$O(T_{t})$	Correction Line			f^{inf}		┢──┤		
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1200	115	220	1405	225	4- <u>-</u>		611	17+14		C 7/7W	11-	CP/VIV	0.99	7.03			13	PPMO	┢──╁	<u> </u>	
600	15	723	1400	224						 			<u> </u>					 	┢──┤		
2000	15	221	1402	217														 	┢───╁		
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CALCLEAN INC.

Project Lo Client: C /	cation: 9 ALIFORI	89 41 8T NIA LINE	STREET N			(714) 734-9137 City: OAKLAND Site #: CALIFORNIA LINEN Date: 3/15/2007 Page53 of _ Operator (s): BERNARDO Dete: 3/15/2007 Page53 of _													17 I	
		•			Woll#1:	F-2	Weller2	E- 1	Wall #3	ニーマ	Woll #4: F	-6	Mall als.E	7	Well #8:T	-1	hatel ar.N	IVI-1		<u>الم بالم الم</u>
Initial Dep	th to Grou	undwater/F	P		9.93 7.		25	25 10.2		9.	85	8.75		14.1	40	110	75	THER #0.		
Screen In	erval			·												- <u>-</u>				····
	Unit Vacuum	Total Flowrate	TOX Temp.	TOX injet Conc.		Stinger Depth		Stinger Depth	1						Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)	Vacuum "H ₂ O	DTW (ft)
	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					VAC	DTW						
3/15					OPEN	23'	OPEN	23'	OPEN	23	OPEN	19'					OPEN	20		
0400	15	218	1405	218				1									Γ			·
0800	15	215	1400	215	256	PPMV	269	PPAAN	694	PPMY	105	PPMW	0.96	9.0	6		68	PPAN		
1200	.15	2:23	1401	220							I				1	[T			
1600	15	220	1400	219						1	1	1	1	1	1		1	<u>† </u>	tt	
2000	15	219	1400	217								ŀ	1	1	1		1	t	f t	
7/11	<u></u>				_															
3/16			┣────		 		<u> </u>	<u> </u>	ļ	<u> </u>	ļ	<u> </u>								
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0000		225	100	216		10000		ļ	4	<u> </u>		<u> </u>	1,11				$\Omega^{\prime\prime}$	17.0		
1200		230	1403	220	249	PENNIN	250	IPPAV	687	PPM	194	PPM	10.98	9.0	á		171	PPM	·	
1600	$ \frac{1}{1c}$	229	1405	229	<u> </u>	╉────						 		_			_	<u> </u>		
2000		7.25	170 1	248	╂───		 		_	<u> </u>		_	-	_	<u> </u>	ļ		<u> </u>	·	
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Comments:

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CALCLEAN INC.

Project Location: 989 418T STREET Client: CALIFORNIA LINEN						City: O/	KLAND Operato) N (S):	Site #: CALIFORNIA LINEN BERNARDO						Date: 3182007 Page 54 of					
					Weilif1:	= 2	Wollf2:	8- T	Well #3:	-3	Well #4: F	-6	Well #5: 1-	-7	Well #6;]	-1	ALAN NT. N	AVAL-1	141-11-410-	
Creen int	th to Grou	indwater/F	P		9.93		7.25		10.21		9.	85	8.	7.5	14	-49	16,	75	7108 HO.	
Time	Unit Vacuum	Total Flowrate	TOX Temp.	TOX Inlet Conc.	<u> </u>	Stinger Depth		Stinger Depth						,	Vacuum "H-O	DTW (ft)	Vacuum "H ₂ O	DTW	Vacuum	DTW
110	("Hg.)	(scfm)	(degF)	(ppmv)		(feet)		(feet)					Ni.					(,	1,20	(44
18	····				OPEN	23'	OPEN	23'	OPEN	231	OPEN-	19'		;	AIR SP	APKE	ÔP EN.	20"		,
2400	5	219	1400	216				,												
800	5	225	1402	210	239	PPM	249	PPMV	653	PPANY	101	DAAN	0.98	9.06		<u> </u>	14	DDAAV	┠───┼	
200	.15	230	1405	207									<u>e , , , , , , , , , , , , , , , , , , ,</u>			<u> </u>	6.1	PIN	┠───┼	
600	5	227	1407	211										 		<u> </u>	<u> </u>	<u> </u>	╏╌╌╌┤	
2000	15	229	1401	214							· · · ·				 	<u> </u>	 	╂────	╏───┼	
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2/19													f	 		<u> </u>		<u> </u>	┠───┼	
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400	15	225	140.5	202			- 17	orginina.	1 N F Z	ļ		 	1.121	8		╂────	211	 		
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10	15	219	1400	205		<u> </u>	6.2	1 -/ • • •	10 1 1	14 62014		PPMV	0.96	PPNN		╂───		<u> </u>	┠───┼	
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1000	<u> </u>		1133	0	UVK	E-6	<u>e</u>	<u>1145</u>	<u> </u>	001	<u>< M</u>	<u>W-L</u>	@ 12	00.			>			

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HIGH VACUUM DUAL PHASE EXTRACTION - WATER METER FIELD DATA SHEET

CALCLEAN INC. (714) 734-9137

Page 4 of

Date: 2/3/2007

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Client: CALIFORNIA LINEN

Operator (s): _____

Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.
START	10/12	347260			2/17	0800	415610	68350	610	3/4	0880	424530	77270	590
575	00													
43	0800	905630	58370	450	2/18	0800	416200	68940	590	3/5	0800	425 50	77690	620
2 74	0890	406180	58920	550	2/10	0800	416920	Lacin	620	2/1	0000	1125760	70500	(10
	0000		20160	110	2/17		110020	01500	020	1/0	0000	723160	18300	610
2/5	0800	406730	59470	550	2/20	0800	417380	70120	560	3/7	0800	426360	79100	600
		r												
2/6	0800	407080	59820	350	2/21	0800	417980	70720	600	3/8	0800	426940	79680	580
2/2	0000	407550	(0200	1170	7/22	0.000	1110-00			2/5	0000		10 m m h m	
\mathcal{L}	0000	101550	60290	970	6/22	0000	718590	11330	60	3/ 4	0800	427510	80310	630
2/8	0800	408500	61240	950	2/23	0800	419210	71950	670	3/10	0800	428180	00970	610
					č-,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10 2 -	- / -	4000	100100	- <u>B</u> V 1 C U	
2/9	0800	409130	61870	630	2/24	0800	419800	72540	590	3/11	0800	428840	81580	660
7/0			· · ·						````			•		
2/10	0800	410140	63480	1610	2/25	0800	420370	73110	570	3/12	0800	429470	82210	630
5/11	0800	411610	64250	870	2/26	6000	420000	77770	610	2/12	0000	420000	02020	710
					2120	0,000	120100	15120	010	2/13	0000	130000	02020	010
2/12	0800	412590	65330	980	2/27	0800	421570	74310	590	3/14	0800	430670	83410	590
	A C a a													
2/13	<u>ogoo</u>	413180	65920	590	2/28	0800	422190	74930	620	3/15	0800	431330	84070	660
7/14	0800	412790	66520	(10)	2/1	0000	סבברכח	75510	FRO	2/16	0000	421000	04720	15-
* / · 1			00550	6 0	3/1	0000	722110	12210	500	5/ 10	0 700	13 1 90	81120	620
2/15	0800	414420	67160	630	3/2	0800	473320	76060	550	3/17	0800	432570	85310	590
5 1.7	0.000													
2716	UYOO	415000	67740	580	3/3	0800	423940	76680	620	3/18	0800	433 30	85870	560
										3/10	0.00-	112200-	0(1)-	
			L	L	l	L	L	L	<u> </u>	2/19	0 800	433400	86640	110

HIGH VACUUM DUAL PHASE EXTRACTION - WATER METER FIELD DATA SHEET

CALCLEAN INC. (714) 734-9137

Page 7

of

Date 12.18/2006

Project Location: 989 41ST STREET

Client: CALIFORNIA LINEN

.

City: OAKLAND

Coperator (s): Patrick

Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.	Date 07₩	Time	Water Meter Reading	Curhulative Amount	24-hr Diff.	Date	Time	Water Meter Reading	Cumulative Amount	24-hr Diff.
Shaft	10/a	347260	Q	Q	1/2	0800	390200	42940	480					
12/18	0800	382290	35030	410	[/3	0500	390770	43510	570					
D/1 9	0800	382710	35450	420	174	0800	391210	43950	440	· · · · ·			· · · ·	
2,60	0800	383200	35940	490	1/5	0400	391760	44500	550		-		· · · · · · · · · · · · · · · · · · ·	
2/51	0800	383610	36350	410	1/6	0400	392370	45110	610					
2/2	0400	383970	36710	360	1/7	0400	393060	45800	691)					
12/23	0800	384300	37040	330	1/8	0800	393730	46470	670					
12/24	OZOO	384-660	37400	360	1/9	0800	394440	17180	70			-		
12/25	0400	385370	38/10	710	1/10	0800	395080	47820	640					
<u>b/56</u>	0900	386050	38790	680	1711	0900	395590	48330	510					
12/27	0800	386780	39520	730	1712	0400	396050	48790	460.					
12/28	0400	387400	40140	620	1/13	0800	396470	19210	420					1. E.
1269	DECC	389650	40790	650							<u> </u>			
13/20	080	3887-20	41460	670							[
55	harr	294211	14950	1190			 Provide source of the second seco		· · · · · · · · · · · · · · · · · · ·	eren de la composition de la				
2007						anti Constanto dora			**				in an cara area	
01/1	680	389720	142.460	1510	· · · ·			<u> </u>			<u>l</u>	Ļ		<u> </u>