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June 10, 2008

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

RECEIVED

1:47 pm, Jun 25, 2008

Alameda County  
Environmental Health

SUBJECT: SUPPLEMENTAL SOIL VAPOR EXTRACTION REMEDIATION REPORT  
CERTIFICATION  
Fuel Leak Case RO0000337  
California Linen Rental Company  
989 41<sup>st</sup> Street  
Oakland, CA 94608

Dear Mr. Plunkett:

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

- Supplemental Soil Vapor Extraction Remediation Report dated May 22, 2008 (document 0304.R12).

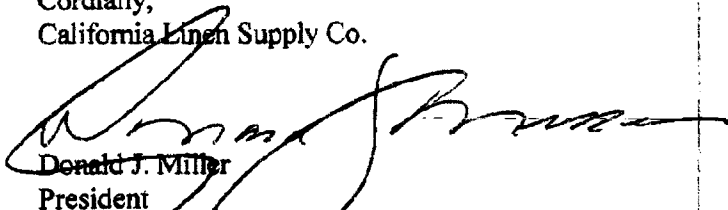
I declare, under penalty of perjury, that the information and/or recommendations contained in the above-mentioned report for the subject site is true and correct to the best of my knowledge.

Please direct all future correspondence to:

California Linen Supply Co., Inc.  
c/o Donald J. Miller, President  
2104 Magnolia Way  
Walnut Creek, CA 94595

Should you have any questions, please do not hesitate to call me at (925) 938-2491.

Cordially,  
California Linen Supply Co.

  
Donald J. Miller  
President

cc: LeRoy Griffin, Oakland Fire Department, Office of Emergency Services, 250 Frank Ogawa Plaza, Suite 3341, Oakland, CA 94612

0304.L78



May 22, 2008  
Report 0304.R12  
RGA Job # CLR19412

Mr. Steven Plunkett  
Alameda County Environmental Health Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

SUBJECT: SUPPLEMENTAL SOIL VAPOR EXTRACTION REMEDIATION REPORT  
Fuel Leak Case RO0000337  
California Linen Rental Company  
989 41<sup>st</sup> Street  
Oakland, CA

Dear Mr. Plunkett:

RGA Environmental, Inc. (RGA) is pleased to present this report to supplement the remediation data already provided in previous documents.

Soil vapor and groundwater extraction was performed by Calclean from October 12, 2006 to March 19, 2007. From March 19 through April 1, 2007 the vapor extraction system was shut down to evaluate vapor rebound in the vapor extraction wells. The vapor extraction system was subsequently operated by CalClean from April 2 through May 30, 2007. CalClean stopped soil vapor extraction at the site on May 31, 2007. Soil vapor and groundwater extraction was continued at the site from June 8, 2007 through August 7, 2007 using a soil vapor extraction system provided by Mako Industries that was operated by RGA personnel.

Documentation of CalClean activities and associated air sample results for the period of October 12, 2006 through March 19, 2007 was previously provided in RGA's Soil Vapor Extraction Remediation Report dated May 14, 2007 (document 0304.R6). A copy of the final CalClean report dated June 14, 2007 documenting vapor extraction activities from April 2 through May 30, 2007 is attached as **Appendix A**. A copy of this CalClean report has not been previously provided. Review of Figure 3 of the CalClean report in **Appendix A** shows that soil vapor hydrocarbon concentrations had decreased to less than 500 ppmv by the time CalClean stopped soil vapor extraction at the site on May 31, 2007. Review of Figure 3 of the CalClean report and sample results from individual wells also shows that very little rebound occurred in any of the wells after soil and groundwater extraction was temporarily discontinued for rebound evaluation, suggesting a successful remedial effort. Based on the interpretation of aquifer pore spaces located beneath the UST being gasoline-saturated, the total hydrocarbon mass removed that is shown in Figure 4 of the CalClean report is not unreasonable.

Soil vapor extraction was continued at the site from June 8, 2007 through August 7, 2007 using a soil vapor extraction system provided by Mako Industries that was operated by RGA personnel. Extracted vapors were thermally oxidized and groundwater was routed through granular activated

of petroleum hydrocarbon vapors were detected at the time of that CalClean discontinued operation at the site (MW1, E6, E7, and E8). The results of air samples collected for periodic air monitoring are summarized in Table 1 which is provided in **Appendix B**, and the associated laboratory reports and chain of custody documentation for the samples are provided in **Appendix B**. On August 7, 2007 the soil vapor extraction system was shut off and removed from the site because no detectable concentrations of organic vapors were present in the air extracted from the vapor extraction wells. The final air sample results shown in Table 1 of **Appendix B** support the conclusion that the dual phase remedial action was successful in removing hydrocarbons from the site.

Documentation of groundwater sample collection from wells at the site in October and November 2006 is provided in RGA's Subsurface Investigation and Well Installation Report dated April 24, 2007 (document 0304.R5). A summary table with groundwater sample results for samples collected from wells at the site in March, July and August 2007 is provided in **Appendix C**. Copies of the well purge data sheets and laboratory reports are also provided in **Appendix C**. Well monitoring and sample collection procedures are described in RGA's April 24, 2007 report. Review of the summary table in **Appendix C** shows that all of the petroleum concentrations were substantially reduced both during soil vapor and groundwater extraction remediation (up until August 8, 2007) and after the end of soil vapor and groundwater extraction remediation on August 8, 2007. Documentation of groundwater sample collection from wells at the site in October and November 2007, and January 2008 is provided in RGA's Soil Boring and Well Installation Report dated February 4, 2008 (document 0304.R11). This report was submitted as Appendix A of Zemo & Associates Final Site Characterization Report, Screening- Level Risk Assessment and Recommendations for Soil Excavation dated February 29, 2008. Review of the water quality for samples collected from the wells after the discontinuation of soil vapor and groundwater extraction on August 8, 2007 shows that very little rebound occurred in groundwater in any of the wells, further demonstrating a successful remedial effort.

Documentation of the total volume of water pumped (125,220 gallons) during remedial efforts is documented in RGA's August 20, 2007 Wastewater Discharge Technical Report dated August 20, 2007 (document 0304.R10) addressed to Ms. Deirdre Mena at East Bay Municipal Utilities District. The volume of extracted water was recorded on a flow totalizer on the effluent side of the CalClean and Mako vapor and groundwater extraction systems. A copy of the report is provided as **Appendix D**.

#### DISTRIBUTION

Copies of this report will be uploaded to the ACDEH ftp website and GeoTracker website, and one copy of the report will be forwarded 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. Any subsurface sample results and observations presented

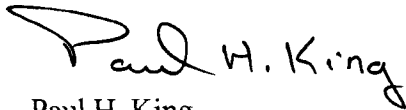
herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly-revealed conditions must be evaluated and may invalidate the findings of this report.

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.

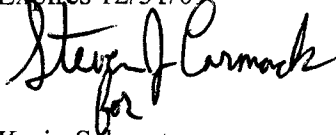
This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. RGA is not responsible for the accuracy or completeness of information provided by other individuals 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.

Should you have any questions, please do not hesitate to contact us at (510) 547-7111.

Sincerely,  
RGA Environmental, Inc.



Paul H. King  
Professional Geologist  
Expires 12/31/09



Karin Schroeter  
Project Manager



- Attachments:
- Appendix A - CalClean June 14, 2007 Report For April 2 Through May 30, 2007
  - Appendix B - June 8 Through August 7, 2007 Soil Vapor Extraction Air Sample Laboratory Reports and Chain of Custody Documentation
  - Appendix C - March, July and August 2007 Groundwater Sampling Event Well Monitoring Purge Sheets, Laboratory Analytical Reports and Chain of Custody Documentation
  - Appendix D - August 20, 2007 Wastewater Discharge Technical Report

cc: Mr. Donald J. Miller – California Linen Rental Company, Inc. (without enclosures)

PHK/sjc/0304.R12

## **APPENDIX A**

**CALCLEAN JUNE 14, 2007 REPORT  
FOR APRIL 2 THROUGH MAY 30, 2007**

June 14, 2007

California Linen Rental Company  
989 41<sup>st</sup> 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 May 30, 2007.

From October 12, 2006 to May 30, 2007, CalClean performed 217 days of high vacuum dual phase extraction (HVDPE) 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. After a rebound period from March 19 to April 2, 2007, the HVDPE system was connected mainly to wells E-6, E-7, E-8 and MW-1. On October 19, 2006, air-sparging using an oil-free air compressor was conducted in wells I-1 and I-2. Air sparging activities were discontinued on May 29, 2007 so that the HVDPE operations would extract the remaining hydrocarbon vapors in the subsurface.

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. On May 30, 2007, the TPH-G vapor concentrations in wells E-6, E-7, E-8 and MW-1 were 111 ppmv, 16 ppmv, 99 ppmv, and 98 ppmv, respectively. The starting and ending Combined well TPH-G vapor concentrations were 1,310 ppmv and 226 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. On May 30, 2007, the Benzene vapor concentrations in wells E-6, E-7, E-8 and MW-1 were 0.6 ppmv, ND<0.01 ppmv, 0.23 ppmv, and 0.43 ppmv, respectively. The starting and ending Combined well Benzene vapor concentrations were 8.5 ppmv and 0.88 ppmv, respectively.

The total equivalent amount of hydrocarbons recovered through vapor extraction during the 217-day event was 12,585.87 pounds (based on laboratory data), and 13,353.70 pounds (based on the Horiba field organic vapor analyzer data) with an average of **12,969.79 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 112,060 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 HVDPE system was demobed from the site on May 30, 2007.

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 (217-Days, Using Lab Data)
- Figure 2 Cumulative HC Recovered over 217 Days (using Lab Data)
- Table 3 High Vacuum Dual Phase Extraction Data Spreadsheet (using Horiba Data)
- Figure 3 Total Inlet HC Concentrations versus Time (217-Days, Using Horiba Data)
- Figure 4 Cumulative HC Recovered over 217 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.



Noel Sheno  
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-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-1	4/2/2007 0910	362	3.8	19	7	18
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-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
E-2	4/2/2007 0920	225	1.7	8.9	4.3	11
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-3	4/2/2007 0920	17	ND<0.01	0.09	0.07	0.16
E-4	4/9/2007 1100	79	0.1	0.92	0.55	5
E-4	4/24/2007 1840	32	0.07	0.12	0.07	0.2

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-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-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-6	4/2/2007 0940	307	2.9	16	5.8	15
E-6	5/2/2007 0910	159	1.2	4.0	0.67	2.4
E-6	5/13/2007 0750	292	3.5	9.2	2.2	7.5
E-6	5/30/2007 1610	111	0.6	1.6	0.67	1.7

(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-7	10/13/2006 1400	344	0.44	3	1.2	3.6
E-7	4/13/2007 1030	78	0.15	0.14	0.13	0.45
E-7	5/2/2007 0900	41	0.06	0.31	0.13	0.59
E-7	5/13/2007 0740	218	2.4	8.4	1.4	4.8
E-7	5/30/2007 1620	16	ND<0.01	0.18	0.18	0.3
E-8	4/9/2007 1230	101	0.16	1.2	0.7	6
E-8	5/2/2007 0905	130	0.31	0.58	0.41	0.17
E-8	5/13/2007 0745	229	0.65	0.75	0.15	0.65
E-8	5/30/2007 1605	99	0.23	0.79	0.26	0.43
E-9	4/9/2007 1430	96	0.07	0.77	0.46	3.4
E-9	4/24/2007 1845	18	0.04	0.14	0.07	0.25

(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)
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
MW-1	3/19/2007 1200	107	0.54	5.5	1.3	6.6
MW-1	4/2/2007 0950	350	3.6	18	6.9	19
MW-1	5/2/2007 0915	212	2	5.9	0.76	3.8
MW-1	5/13/2007 0755	350	3.7	7.7	2.2	7.7
MW-1	5/30/2007 1615	98	0.43	1.4	0.61	1.6

(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)
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

(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)
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 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	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
COMBINED	4/2/2007 0900	271	1.5	6	1.8	6.1
COMBINED	4/9/2007 1630	117	0.2	1	1.1	6.7
COMBINED	4/16/2007 1200	124	0.16	1.8	1.1	9.5
COMBINED	4/25/2007 0900	97	0.14	1.8	0.96	7.9
COMBINED	5/2/2007 0855	294	2.4	7.1	2.2	7.7
COMBINED	5/13/2007 0800	557	4	12	2.4	7.8
COMBINED	5/30/2007 1600	226	0.88	2.1	0.98	2.5

Notes: ppmv = parts per million by volume  
 TPH -g = total petroleum hydrocarbons - gasoline  
 THP-G, BTEX analyzed by EPA 8015/8021



**HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)**

California Linen, Oakland, CA

TIME	SYSTEM PARAMETERS			Hydrocarbon Recovery		
	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)			
	10/12/2006 18:00	25	22	535	0.00	0.00
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

**HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)**

California Linen, Oakland, CA

TIME	SYSTEM PARAMETERS			Hydrocarbon Recovery		
	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	(lbs)	(gal)	(Cumul. lbs)
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
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

**HIGH VACUUM DUAL PHASE EXTRACTION SPREADSHEET (Using Lab Data)**

California Linen, Oakland, CA

TIME	SYSTEM PARAMETERS			Hydrocarbon Recovery		
	Average System Vacuum (in of Hg)	Average Total System Inlet Flow (scfm)	Influent Concentrations Post-dilution* (ppmv)	(lbs)	(gal)	(Cumul. lbs)
4/2/2007 9:00	18	203	271	0.00	22.85	10,930.57
4/9/2007 16:30	25	80	117	65.59	10.50	10,996.16
4/16/2007 12:00	17	240	124	42.92	6.87	11,039.08
4/25/2007 9:00	18	175	197	96.58	15.46	11,135.66
5/2/2007 8:55	174	392	294	159.12	25.47	11,294.78
5/13/2007 8:00	172	385	557	646.12	103.42	11,940.90
5/31/2007 16:00	18	165	226	644.96	103.24	12,585.87
<b>TOTAL HC RECOVERED* - LAB DATA</b>				<b>12,585.87</b>	<b>2,037.39</b>	
<b>TOTAL HC RECOVERED** - FIELD ANALYZER DATA</b>				<b>13,353.70</b>	<b>2,137.45</b>	
<b>Average HC Recovered*** (Field Analyzer/Lab Data)</b>				<b>12,969.79</b>	<b>2,087.42</b>	
<b>TOTAL GROUNDWATER EXTRACTED</b>					<b>112,060</b>	

in of Hg = inches of mercury

ppmv = parts per million by volume

lbs = pounds

scfm = standard cubic feet per minute

gal = gallons

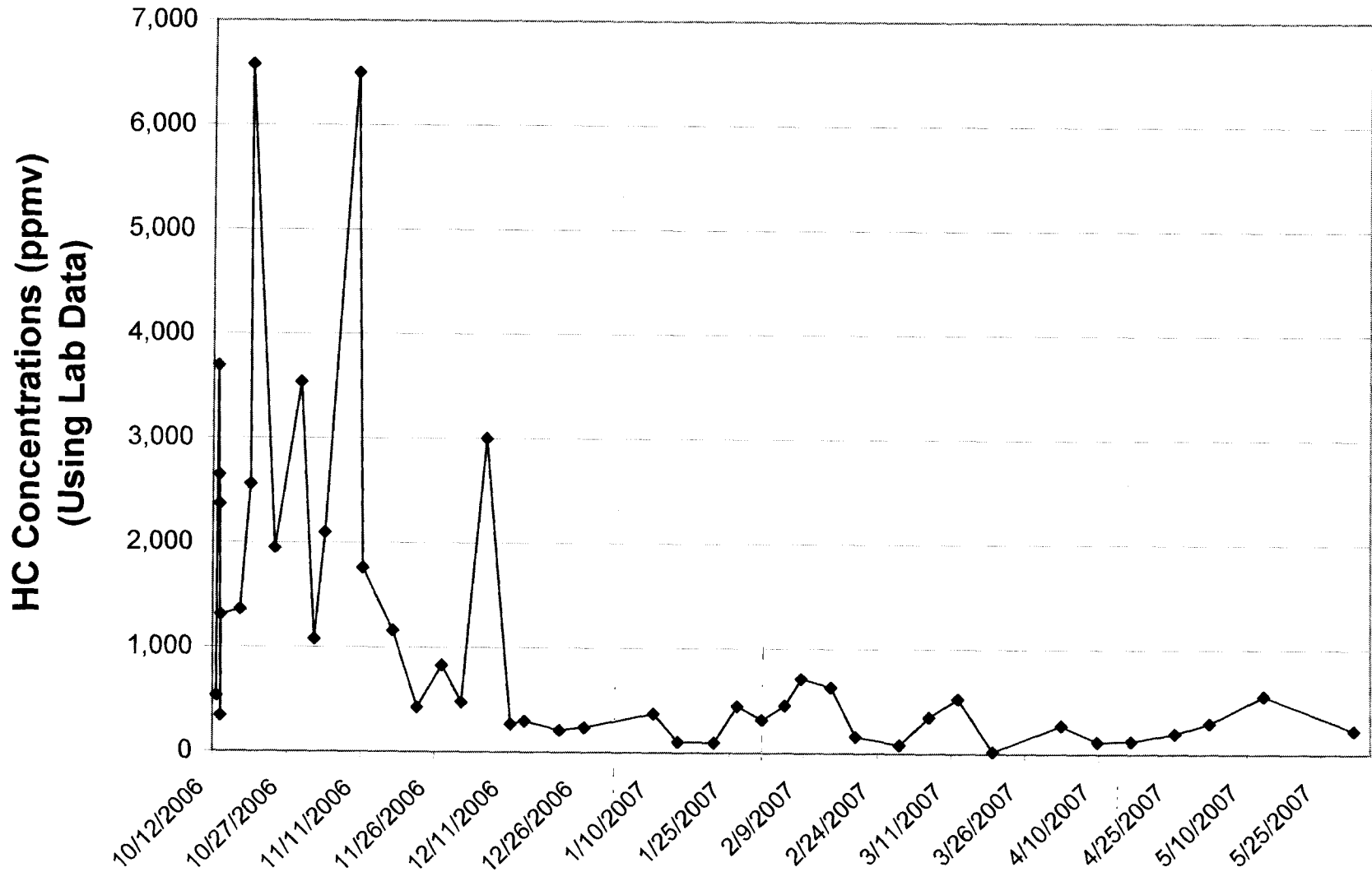
\* Concentration data based on laboratory data.

\*\* Based on Horiba field analyzer data.

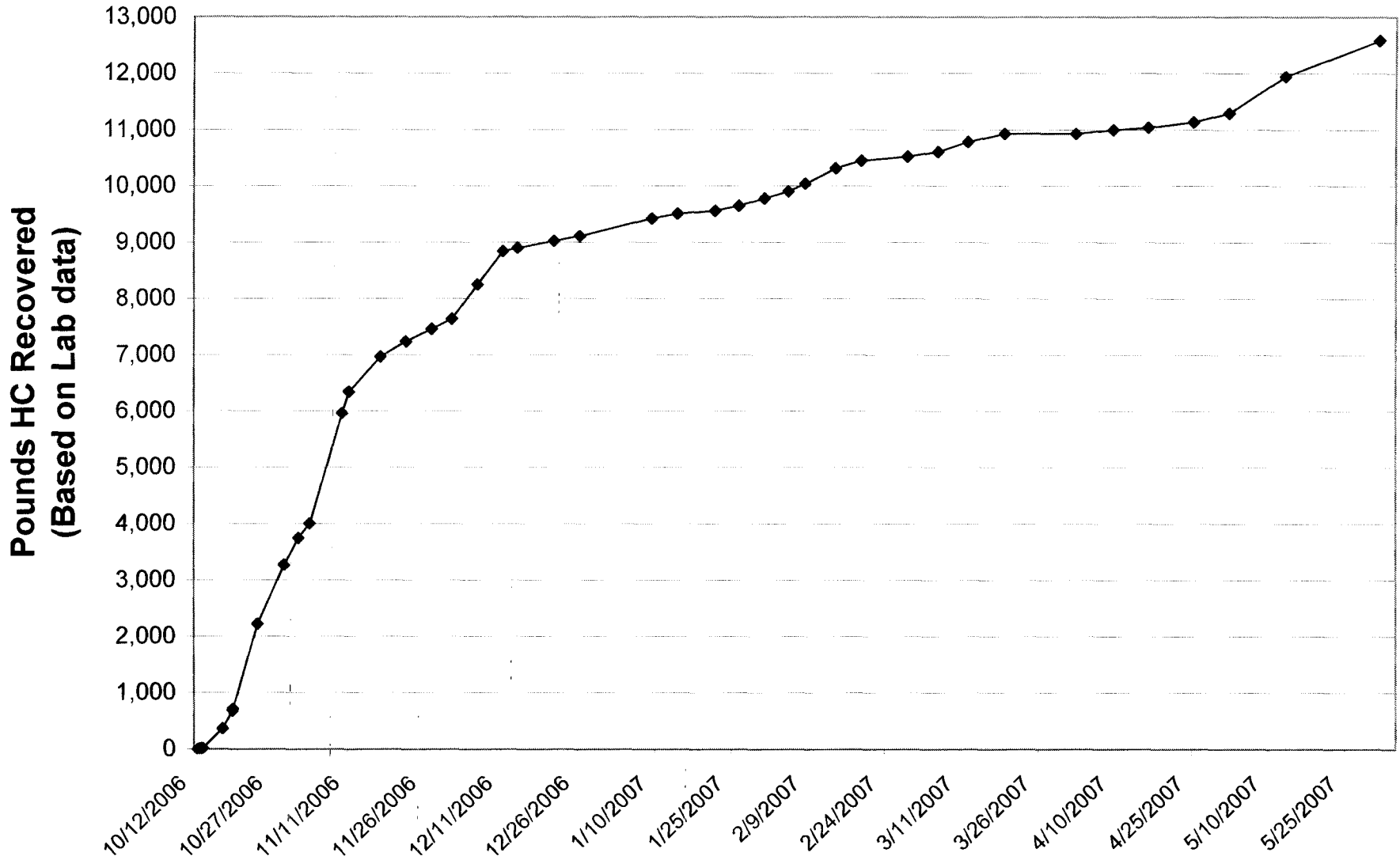
\*\*\* Average HC Recovered using Laboratory and Horiba data

Figure 1

**Total Inlet HC Concentrations vs Time (217 Days)**  
**California Linen, Oakland, CA - 10/12/06-3/19/07, 4/2-5/31/07**



**Figure 2**  
**Cumulative HC Recovered Over 217 Days**  
**California Linen, Oakland, CA - 10/12/06-3/19/07, 4/2-5/31/07**



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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(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
10/19/2006 0:00						15	200	2,620		28.36	4.54	1,275.71

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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



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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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	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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum: (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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



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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(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						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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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						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		14.57	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	2.19	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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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						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



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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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	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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(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		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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(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		4.95	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						15	213	381		4.40	0.71	11,621.20

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in. of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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	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	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						15	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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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		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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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						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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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



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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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						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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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						15	220	237		2.70	0.43	12,021.41

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (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						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	<b>12,246.71</b>
4/2/2007 8:00						18	201	318		0.00	0.00	12,246.71
4/2/2007 9:00						18	203	320		0.88	0.14	12,247.59
4/2/2007 10:00						17	210	315		0.89	0.14	12,248.48
4/2/2007 11:00						15	225	309		0.92	0.15	12,249.40
4/2/2007 12:00						15	224	311		0.95	0.15	12,250.35
4/2/2007 13:00						15	230	306		0.95	0.15	12,251.30
4/2/2007 14:00						15	229	299		0.95	0.15	12,252.25
4/2/2007 15:00						15	231	287		0.92	0.15	12,253.17
4/2/2007 16:00						15	227	290		0.90	0.14	12,254.07
4/2/2007 17:00						15	230	294		0.91	0.15	12,254.97

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
4/2/2007 18:00						15	231	289		0.91	0.15	12,255.89
4/2/2007 19:00						15	225	293		0.90	0.14	12,256.79
4/2/2007 20:00						15	229	296		0.91	0.15	12,257.70
4/3/2007 4:00						15	233	280		7.25	1.16	12,264.95
4/3/2007 8:00						15	227	283		3.53	0.56	12,268.47
4/3/2007 12:00						15	228	279		3.48	0.56	12,271.96
4/3/2007 16:00						15	226	275		3.42	0.55	12,275.38
4/3/2007 20:00						15	230	274		3.41	0.55	12,278.79
4/4/2007 4:00						15	225	269		6.73	1.08	12,285.52
4/4/2007 8:00						15	227	265		3.29	0.53	12,288.80
4/4/2007 12:00						15	230	268		3.32	0.53	12,292.12
4/4/2007 16:00						15	229	263		3.32	0.53	12,295.44
4/4/2007 20:00						15	231	257		3.26	0.52	12,298.69
4/5/2007 4:00						15	230	254		6.41	1.03	12,305.11
4/5/2007 8:00						15	225	249		3.12	0.50	12,308.22
4/5/2007 12:00						15	231	242		3.05	0.49	12,311.27
4/5/2007 16:00						15	229	237		3.00	0.48	12,314.27
4/5/2007 20:00						15	227	233		2.92	0.47	12,317.19
4/6/2007 4:00						15	224	228		5.66	0.91	12,322.85
4/6/2007 8:00						15	220	224		2.73	0.44	12,325.58
4/6/2007 12:00						15	226	219		2.69	0.43	12,328.27
4/6/2007 16:00						15	231	199		2.60	0.42	12,330.88
4/6/2007 20:00						19	85	420		2.66	0.43	12,333.54
4/7/2007 4:00						19	80	430		3.82	0.61	12,337.36
4/7/2007 8:00						19	83	425		1.90	0.30	12,339.25
4/7/2007 12:00						19	84	427		1.94	0.31	12,341.19
4/7/2007 16:00						19	84	422		1.94	0.31	12,343.13

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
4/7/2007 20:00						19	86	420		1.95	0.31	12,345.08
4/8/2007 4:00						19	89	421		4.01	0.64	12,349.09
4/8/2007 8:00						19	85	417		1.99	0.32	12,351.08
4/8/2007 12:00						19	83	414		1.90	0.30	12,352.98
4/8/2007 16:00						19	86	416		1.91	0.31	12,354.89
4/8/2007 20:00						19	80	415		1.88	0.30	12,356.76
4/9/2007 4:00						19	86	411		3.73	0.60	12,360.50
4/9/2007 8:00						19	85	413		1.92	0.31	12,362.42
4/9/2007 10:00						24	25	41		0.34	0.05	12,362.76
4/9/2007 10:30						24	26	55		0.01	0.00	12,362.76
4/9/2007 11:00						24	27	61		0.01	0.00	12,362.78
4/9/2007 11:30						24	25	53		0.01	0.00	12,362.79
4/9/2007 12:00						24	24	49		0.01	0.00	12,362.79
4/9/2007 12:30						24	27	77		0.01	0.00	12,362.80
4/9/2007 13:00						24	25	75		0.01	0.00	12,362.82
4/9/2007 13:30						26	20	69		0.01	0.00	12,362.83
4/9/2007 14:00						26	23	70		0.01	0.00	12,362.84
4/9/2007 14:30						26	20	81		0.01	0.00	12,362.85
4/9/2007 15:00						26	21	79		0.01	0.00	12,362.86
4/9/2007 15:30						26	23	77		0.01	0.00	12,362.87
4/9/2007 16:00						25	22	77		0.01	0.00	12,362.89
4/9/2007 17:00						25	80	160		0.08	0.01	12,362.97
4/9/2007 18:00						25	85	157		0.18	0.03	12,363.15
4/9/2007 19:00						25	90	166		0.19	0.03	12,363.34
4/9/2007 20:00						24	89	171		0.21	0.03	12,363.54
4/10/2007 4:00						24	98	167		1.72	0.28	12,365.26
4/10/2007 8:00						24	101	170		0.91	0.15	12,366.18

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
4/10/2007 12:00						24	97	169		0.91	0.15	12,367.09
4/10/2007 16:00						24	99	165		0.89	0.14	12,367.98
4/10/2007 20:00						24	98	166		0.89	0.14	12,368.87
4/11/2007 8:00						24	107	163		2.75	0.44	12,371.63
4/11/2007 12:00						24	101	160		0.91	0.15	12,372.54
4/11/2007 16:00						24	99	161		0.87	0.14	12,373.41
4/11/2007 20:00						24	98	162		0.87	0.14	12,374.28
4/12/2007 8:00						24	102	158		2.61	0.42	12,376.89
4/12/2007 12:00						24	101	155		0.87	0.14	12,377.76
4/12/2007 16:00						24	99	150		0.83	0.13	12,378.59
4/12/2007 20:00						24	103	153		0.83	0.13	12,379.42
4/13/2007 8:00						24	103	147		2.52	0.40	12,381.95
4/13/2007 12:00						17	248	274		2.01	0.32	12,383.96
4/13/2007 16:00						17	246	271		3.67	0.59	12,387.62
4/13/2007 20:00						17	243	269		3.60	0.58	12,391.22
4/14/2007 8:00						17	248	265		10.71	1.71	12,401.93
4/14/2007 12:00						17	245	259		3.52	0.56	12,405.45
4/14/2007 16:00						17	245	257		3.44	0.55	12,408.89
4/14/2007 20:00						17	247	253		3.42	0.55	12,412.31
4/15/2007 8:00						17	250	250		10.21	1.63	12,422.52
4/15/2007 12:00						17	245	247		3.35	0.54	12,425.87
4/15/2007 16:00						17	243	244		3.26	0.52	12,429.13
4/15/2007 20:00						17	241	242		3.20	0.51	12,432.33
4/16/2007 8:00						17	244	249		9.73	1.56	12,442.06
4/16/2007 12:00						17	240	246		3.26	0.52	12,445.32
4/16/2007 16:00						17	248	242		3.24	0.52	12,448.56
4/16/2007 20:00						17	241	250		3.28	0.52	12,451.84



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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
4/17/2007 8:00						17	248	253		10.05	1.61	12,461.88
4/17/2007 12:00						17	243	249		3.36	0.54	12,465.24
4/17/2007 16:00						17	240	250		3.28	0.53	12,468.52
4/17/2007 20:00						17	250	246		3.31	0.53	12,471.83
4/18/2007 8:00						17	242	249		9.95	1.59	12,481.78
4/18/2007 12:00						17	254	252		3.38	0.54	12,485.16
4/18/2007 16:00						17	258	255		3.53	0.57	12,488.69
4/18/2007 20:00						17	245	257		3.51	0.56	12,492.20
4/19/2007 8:00						17	249	244		10.11	1.62	12,502.31
4/19/2007 12:00						17	252	253		3.39	0.54	12,505.70
4/19/2007 16:00						17	255	250		3.47	0.56	12,509.17
4/19/2007 20:00						17	258	255		3.53	0.56	12,512.70
4/20/2007 8:00						17	250	252		10.52	1.68	12,523.22
4/20/2007 12:00						17	253	255		3.47	0.56	12,526.69
4/20/2007 16:00						17	255	249		3.49	0.56	12,530.18
4/20/2007 20:00						17	251	254		3.47	0.55	12,533.64
4/21/2007 8:00						17	254	250		10.40	1.66	12,544.04
4/21/2007 12:00						17	250	247		3.41	0.55	12,547.45
4/21/2007 16:00						17	249	245		3.34	0.54	12,550.79
4/21/2007 20:00						17	246	243		3.29	0.53	12,554.08
4/22/2007 8:00						17	255	252		10.13	1.62	12,564.21
4/22/2007 12:00						17	253	249		3.47	0.55	12,567.67
4/22/2007 16:00						17	249	247		3.39	0.54	12,571.06
4/22/2007 20:00						17	247	246		3.33	0.53	12,574.39
4/23/2007 8:00						17	257	255		10.31	1.65	12,584.71
4/23/2007 12:00						17	254	253		3.53	0.57	12,588.24
4/23/2007 16:00						17	250	250		3.45	0.55	12,591.69

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
4/23/2007 20:00						17	245	248		3.36	0.54	12,595.05
4/24/2007 8:00						17	256	257		10.33	1.65	12,605.38
4/24/2007 12:00						17	253	254		3.54	0.57	12,608.92
4/24/2007 16:00						17	250	246		3.42	0.55	12,612.35
4/24/2007 20:00						18	165	395		3.62	0.58	12,615.97
4/25/2007 8:00						18	175	394		10.96	1.75	12,626.93
4/25/2007 12:00						18	171	390		3.69	0.59	12,630.62
4/25/2007 16:00						18	169	392		3.62	0.58	12,634.24
4/25/2007 20:00						18	166	387		3.55	0.57	12,637.79
4/26/2007 8:00						18	174	392		10.82	1.73	12,648.61
4/26/2007 12:00						18	172	390		3.68	0.59	12,652.30
4/26/2007 16:00						18	171	389		3.64	0.58	12,655.93
4/26/2007 20:00						18	168	385		3.57	0.57	12,659.51
4/27/2007 8:00						18	176	397		10.99	1.76	12,670.49
4/27/2007 12:00						18	171	393		3.73	0.60	12,674.23
4/27/2007 16:00						18	170	391		3.64	0.58	12,677.87
4/27/2007 20:00						18	166	388		3.56	0.57	12,681.43
4/28/2007 8:00						18	177	396		10.98	1.76	12,692.41
4/28/2007 12:00						18	175	394		3.79	0.61	12,696.20
4/28/2007 16:00						18	173	388		3.71	0.59	12,699.90
4/28/2007 20:00						18	169	385		3.60	0.58	12,703.50
4/29/2007 8:00						18	179	395		11.09	1.77	12,714.59
4/29/2007 12:00						18	178	392		3.83	0.61	12,718.42
4/29/2007 16:00						18	172	387		3.71	0.59	12,722.13
4/29/2007 20:00						18	166	384		3.55	0.57	12,725.68
4/30/2007 8:00						18	175	398		10.89	1.74	12,736.57
4/30/2007 12:00						18	173	396		3.76	0.60	12,740.33

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
4/30/2007 16:00						18	171	395		3.70	0.59	12,744.03
4/30/2007 20:00						18	165	391		3.60	0.58	12,747.63
5/1/2007 8:00						18	177	396		10.99	1.76	12,758.62
5/1/2007 12:00						18	172	393		3.75	0.60	12,762.37
5/1/2007 16:00						18	168	389		3.62	0.58	12,765.99
5/1/2007 20:00						18	164	385		3.50	0.56	12,769.49
5/2/2007 8:00						18	174	392		10.73	1.72	12,780.22
5/2/2007 12:00						18	170	388		3.65	0.58	12,783.87
5/2/2007 16:00						18	165	384		3.52	0.56	12,787.39
5/2/2007 20:00						18	161	381		3.40	0.54	12,790.79
5/3/2007 8:00						18	175	397		10.68	1.71	12,801.47
5/3/2007 12:00						18	173	395		3.75	0.60	12,805.22
5/3/2007 16:00						18	170	390		3.67	0.59	12,808.88
5/3/2007 20:00						18	168	384		3.56	0.57	12,812.45
5/4/2007 8:00						18	178	395		11.01	1.76	12,823.45
5/4/2007 12:00						18	176	390		3.78	0.61	12,827.24
5/4/2007 16:00						18	172	385		3.67	0.59	12,830.91
5/4/2007 20:00						18	166	380		3.52	0.56	12,834.43
5/5/2007 8:00						18	177	399		10.91	1.75	12,845.34
5/5/2007 12:00						18	173	396		3.79	0.61	12,849.13
5/5/2007 16:00						18	170	387		3.66	0.59	12,852.79
5/5/2007 20:00						18	167	383		3.53	0.57	12,856.32
5/6/2007 8:00						18	179	394		10.98	1.76	12,867.30
5/6/2007 12:00						18	176	389		3.78	0.61	12,871.09
5/6/2007 16:00						18	171	383		3.65	0.58	12,874.73
5/6/2007 20:00						18	166	380		3.50	0.56	12,878.24
5/7/2007 8:00						18	177	396		10.87	1.74	12,889.11

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
5/7/2007 12:00						18	175	390		3.77	0.60	12,892.87
5/7/2007 16:00						18	172	384		3.66	0.59	12,896.53
5/7/2007 20:00						18	164	380		3.50	0.56	12,900.03
5/8/2007 8:00						18	174	392		10.66	1.71	12,910.68
5/8/2007 12:00						18	168	387		3.63	0.58	12,914.31
5/8/2007 16:00						18	165	386		3.50	0.56	12,917.82
5/8/2007 20:00						18	162	382		3.42	0.55	12,921.23
5/9/2007 8:00						18	178	398		10.83	1.73	12,932.07
5/9/2007 12:00						18	173	395		3.79	0.61	12,935.86
5/9/2007 16:00						18	168	387		3.63	0.58	12,939.49
5/9/2007 20:00						18	163	381		3.46	0.55	12,942.95
5/10/2007 8:00						18	176	399		10.80	1.73	12,953.75
5/10/2007 12:00						18	171	394		3.75	0.60	12,957.49
5/10/2007 16:00						18	169	393		3.64	0.58	12,961.14
5/10/2007 20:00						18	165	390		3.56	0.57	12,964.70
5/11/2007 8:00						18	177	391		10.91	1.75	12,975.61
5/11/2007 12:00						18	174	389		3.73	0.60	12,979.34
5/11/2007 16:00						18	170	388		3.64	0.58	12,982.98
5/11/2007 20:00						18	168	387		3.57	0.57	12,986.54
5/12/2007 8:00						18	175	388		10.86	1.74	12,997.40
5/12/2007 12:00						18	170	386		3.64	0.58	13,001.03
5/12/2007 16:00						18	167	385		3.54	0.57	13,004.57
5/12/2007 20:00						18	163	384		3.46	0.55	13,008.03
5/13/2007 8:00						18	172	385		10.52	1.68	13,018.55
5/13/2007 12:00						18	170	383		3.58	0.57	13,022.13
5/13/2007 16:00						18	166	382		3.50	0.56	13,025.63
5/13/2007 20:00						18	164	381		3.43	0.55	13,029.05

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
5/14/2007 8:00						18	173	382		10.50	1.68	13,039.56
5/14/2007 12:00						18	170	380		3.56	0.57	13,043.11
5/14/2007 16:00						18	166	379		3.47	0.56	13,046.59
5/14/2007 20:00						18	162	378		3.38	0.54	13,049.97
5/15/2007 8:00						18	174	379		10.39	1.66	13,060.36
5/15/2007 12:00						18	172	377		3.56	0.57	13,063.92
5/15/2007 16:00						18	169	376		3.50	0.56	13,067.41
5/15/2007 20:00						18	167	375		3.44	0.55	13,070.85
5/16/2007 8:00						18	172	376		10.40	1.66	13,081.25
5/16/2007 12:00						18	170	373		3.49	0.56	13,084.74
5/16/2007 16:00						18	167	372		3.42	0.55	13,088.15
5/16/2007 20:00						18	165	371		3.36	0.54	13,091.51
5/17/2007 8:00						18	175	370		10.29	1.65	13,101.80
5/17/2007 12:00						18	171	368		3.48	0.56	13,105.28
5/17/2007 16:00						18	168	367		3.39	0.54	13,108.67
5/17/2007 20:00						18	165	365		3.32	0.53	13,111.99
5/18/2007 8:00						18	174	364		10.09	1.62	13,122.08
5/18/2007 12:00						18	172	362		3.42	0.55	13,125.50
5/18/2007 16:00						18	166	361		3.33	0.53	13,128.83
5/18/2007 20:00						18	163	359		3.23	0.52	13,132.06
5/19/2007 8:00						18	171	360		9.81	1.57	13,141.87
5/19/2007 12:00						18	169	358		3.32	0.53	13,145.19
5/19/2007 16:00						18	161	357		3.21	0.51	13,148.40
5/19/2007 20:00						18	160	356		3.12	0.50	13,151.52
5/20/2007 8:00						18	165	357		9.46	1.51	13,160.98
5/20/2007 12:00						18	163	355		3.18	0.51	13,164.16
5/20/2007 16:00						18	161	354		3.13	0.50	13,167.29

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)		
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)
5/20/2007 20:00						18	159	353		3.08	0.49	13,170.37
5/21/2007 8:00						18	164	352		9.30	1.49	13,179.67
5/21/2007 12:00						18	162	350		3.12	0.50	13,182.79
5/21/2007 16:00						18	161	349		3.07	0.49	13,185.86
5/21/2007 20:00						18	160	348		3.05	0.49	13,188.91
5/22/2007 8:00						18	165	347		9.23	1.48	13,198.13
5/22/2007 12:00						18	163	345		3.09	0.49	13,201.22
5/22/2007 16:00						18	161	344		3.04	0.49	13,204.26
5/22/2007 20:00						18	158	343		2.98	0.48	13,207.25
5/23/2007 8:00						18	166	343		9.08	1.45	13,216.32
5/23/2007 12:00						18	164	341		3.07	0.49	13,219.40
5/23/2007 16:00						18	162	340		3.02	0.48	13,222.42
5/23/2007 20:00						18	161	339		2.99	0.48	13,225.41
5/24/2007 8:00						18	165	340		9.04	1.45	13,234.45
5/24/2007 12:00						18	163	338		3.03	0.48	13,237.48
5/24/2007 16:00						18	161	337		2.98	0.48	13,240.45
5/24/2007 20:00						18	158	335		2.92	0.47	13,243.37
5/25/2007 8:00						18	166	335		8.87	1.42	13,252.24
5/25/2007 12:00						18	163	333		2.99	0.48	13,255.23
5/25/2007 16:00						18	161	332		2.93	0.47	13,258.16
5/25/2007 20:00						18	160	330		2.89	0.46	13,261.06
5/26/2007 8:00						18	164	330		8.73	1.40	13,269.79
5/26/2007 12:00						18	162	329		2.92	0.47	13,272.72
5/26/2007 16:00						18	160	328		2.88	0.46	13,275.60
5/26/2007 20:00						18	158	326		2.83	0.45	13,278.43
5/27/2007 8:00						18	165	325		8.59	1.37	13,287.02
5/27/2007 12:00						18	164	323		2.90	0.46	13,289.92

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

TIME	Extraction Well # E-1 (Stinger Depth)	Extraction Well # E-2 (Stinger Depth)	Extraction Well # E-3 (Stinger Depth)	Extraction Well # E-6 (Stinger Depth)	Extraction Well # MW-1 (Stinger Depth)	SYSTEM PARAMETERS				Hydrocarbon Recovery (using Horiba Data)			
						System Vacuum (in of Hg)	Total System Inlet Flow (scfm)	Influent Concentrations* (ppmv)	Effluent Concentrations (ppmv) *	(lbs)	(gal)	(Cumul. lbs)	
5/27/2007 16:00						18	161	322		2.85	0.46	13,292.77	
5/27/2007 20:00						18	159	321		2.80	0.45	13,295.57	
5/28/2007 8:00						18	163	322		8.46	1.35	13,304.03	
5/28/2007 12:00						18	160	320		2.82	0.45	13,306.85	
5/28/2007 16:00						18	158	319		2.77	0.44	13,309.62	
5/28/2007 20:00						18	157	318		2.73	0.44	13,312.35	
5/29/2007 8:00						18	165	317		8.35	1.34	13,320.70	
5/29/2007 12:00						18	163	315		2.82	0.45	13,323.53	
5/29/2007 16:00						18	161	314		2.77	0.44	13,326.30	
5/29/2007 20:00						18	159	313		2.73	0.44	13,329.03	
5/30/2007 8:00						18	164	314		8.27	1.32	13,337.31	
5/30/2007 12:00						18	163	312		2.79	0.45	13,340.09	
5/30/2007 16:00						18	161	311		2.75	0.44	13,342.84	
5/30/2007 20:00						18	158	310		2.70	0.43	13,345.54	
5/31/2007 8:00						18	165	309		8.17	1.31	13,353.70	
										<b>TOTAL HC RECOVERED</b>		<b>13,353.70</b>	<b>2,137.45</b>
										<b>TOTAL GROUNDWATER EXTRACTED</b>		<b>-</b>	<b>112,060</b>

Comments: Manual dilution was not opened during the event.

in of Hg = inches of mercury

gal = gallons

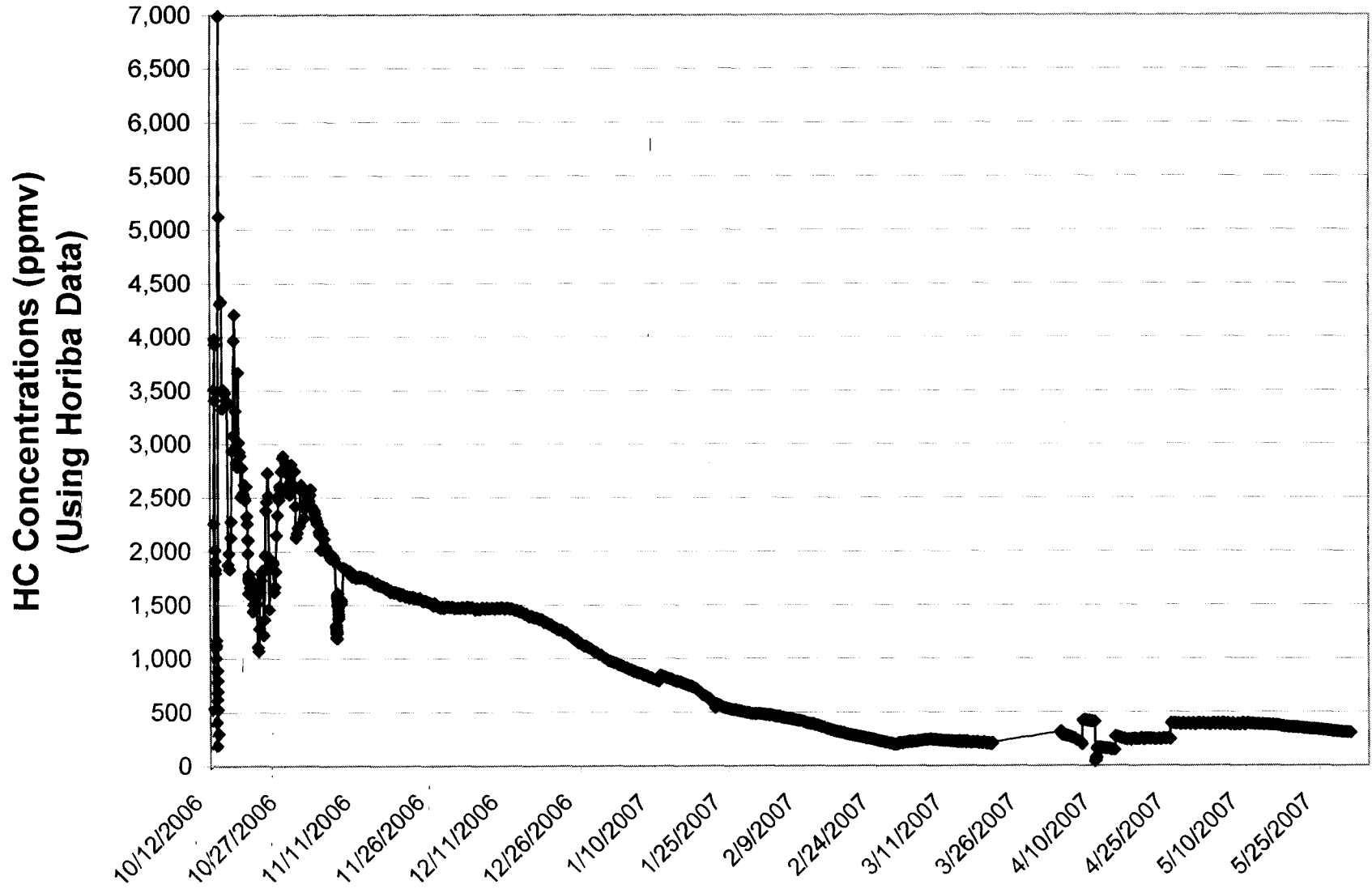
scfm = standard cubic feet per minute

lbs = pounds

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

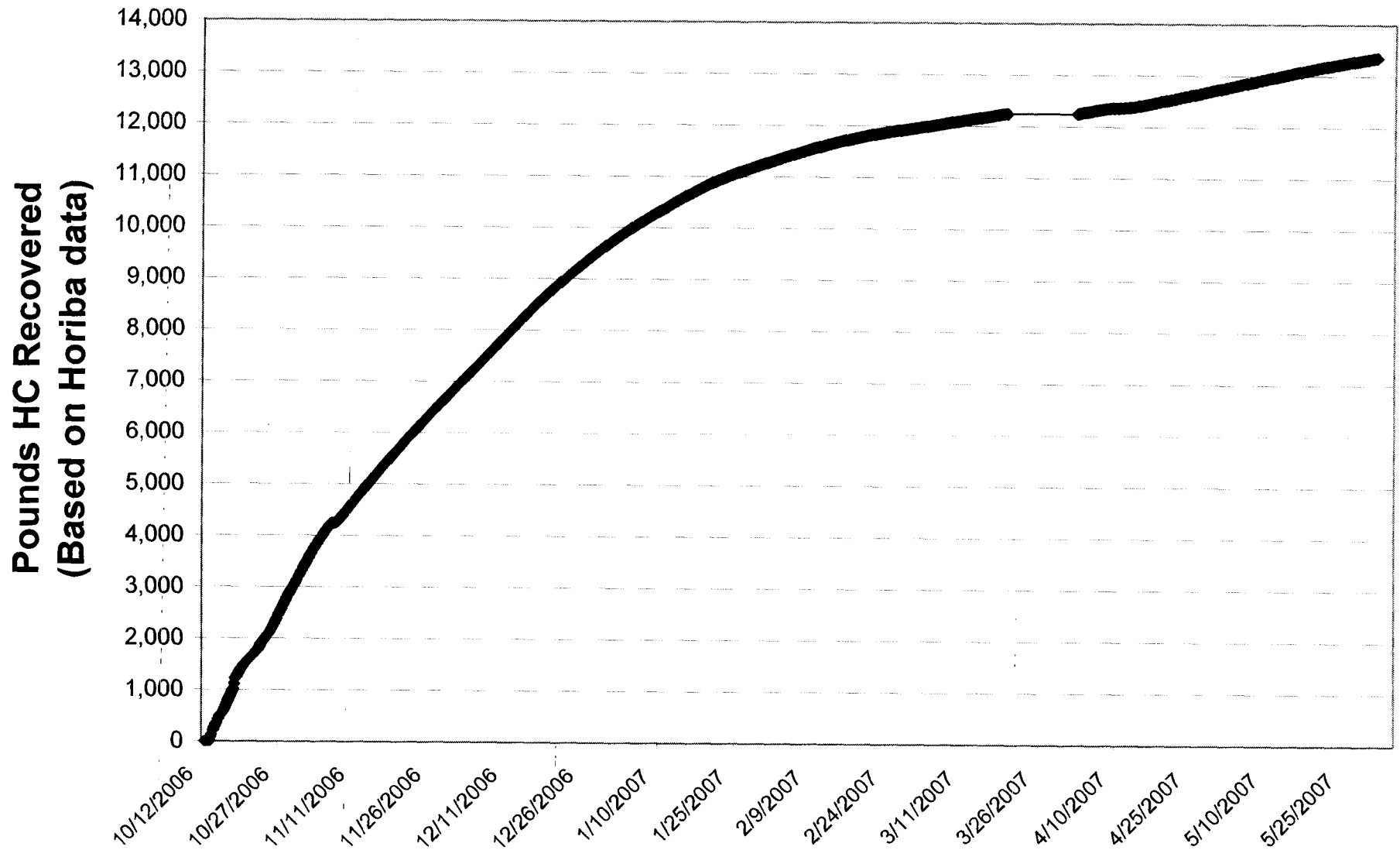
\*\* Inlet flow measured through orifice tube and converted from acfm to reported scfm

**Figure 3**  
**Total Inlet HC Concentrations vs Time (217 Days)**  
**California Linen, Oakland, CA - 10/12/06-3/19/07, 4/2-5/31/07**





**Figure 4**  
**Cumulative HC Recovered Over 217 Days**  
**California Linen, Oakland, CA - 10/12/06-3/19/07, 4/2-5/31/07**



**CalClean Inc.**

**ATTACHMENT 1**

**LABORATORY REPORTS**



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

CLIENT Calclean (9977)  
ATTN: Noel Shenoi  
3002 Dow Ave.  
#142  
Tustin, CA 92780

LAB REQUEST 187736

REPORTED 04/11/2007

RECEIVED 04/03/2007

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.

<u>Order No.</u>	<u>Client Sample Identification</u>
789435	Combined
789436	Stack
789437	E-1
789438	E-2
789439	E-3
789440	E-6
789441	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.

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

Order #: 789435

Client: Calclean

Matrix: AIR

Client Sample ID: Combined

Date Sampled: 04/02/2007

Time Sampled: 09:00

Sampled By:

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

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

Benzene	1.5	3	0.025	Vppm	04/05/07	LD
Ethyl benzene	1.8	3	0.025	Vppm	04/05/07	LD
Methyl t - butyl ether	2.4	3	0.25	Vppm	04/05/07	LD
Toluene	6.0	3	0.025	Vppm	04/05/07	LD
Xylene (total)	6.1	3	0.075	Vppm	04/05/07	LD
Benzene	4.8	3	0.075	ug/L	04/05/07	LD
Ethyl benzene	7.7	3	0.1	ug/L	04/05/07	LD
Methyl t - butyl ether	8.6	3	0.9	ug/L	04/05/07	LD
Toluene	22	3	0.1	ug/L	04/05/07	LD
Xylene (total)	26	3	0.325	ug/L	04/05/07	LD

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

Gasoline	271	3	12.5	Vppm	04/05/07	LD
Gasoline	1110	3	55.25	ug/L	04/05/07	LD

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

**ASSOCIATED LABORATORIES**

Analytical Results Report



Order #: 789437

Client: Calclean

Matrix: AIR

Client Sample ID: E-1

Date Sampled: 04/02/2007

Time Sampled: 09:10

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	3.8	5	0.05	Vppm	04/04/07 LD
Ethyl benzene	7.0	5	0.05	Vppm	04/04/07 LD
Methyl t - butyl ether	4.4	5	0.5	Vppm	04/04/07 LD
Toluene	19	5	0.05	Vppm	04/04/07 LD
Xylene (total)	18	5	0.15	Vppm	04/04/07 LD
Benzene	12	5	0.15	ug/L	04/04/07 LD
Ethyl benzene	30	5	0.2	ug/L	04/04/07 LD
Methyl t - butyl ether	16	5	1.8	ug/L	04/04/07 LD
Toluene	72	5	0.2	ug/L	04/04/07 LD
Xylene (total)	77	5	0.65	ug/L	04/04/07 LD

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

Gasoline	362	5	25.0	Vppm	04/04/07 LD
Gasoline	1480	5	110.5	ug/L	04/04/07 LD

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



Order #: 789438

Client: Calclean

Matrix: AIR

Client Sample ID: E-2

Date Sampled: 04/02/2007

Time Sampled: 09:20

Sampled By:

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

Benzene	1.7	3	0.025	Vppm	04/04/07 LD
Ethyl benzene	4.3	3	0.025	Vppm	04/04/07 LD
Methyl t - butyl ether	2.4	3	0.25	Vppm	04/04/07 LD
Toluene	8.9	3	0.025	Vppm	04/04/07 LD
Xylene (total)	11	3	0.075	Vppm	04/04/07 LD
Benzene	5.5	3	0.075	ug/L	04/04/07 LD
Ethyl benzene	19	3	0.1	ug/L	04/04/07 LD
Methyl t - butyl ether	8.6	3	0.9	ug/L	04/04/07 LD
Toluene	33	3	0.1	ug/L	04/04/07 LD
Xylene (total)	47	3	0.325	ug/L	04/04/07 LD

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

Gasoline	225	3	12.5	Vppm	04/04/07 LD
Gasoline	921	3	55.25	ug/L	04/04/07 LD

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



Order #: 789439

Client: Calclean

Matrix: AIR

Client Sample ID: E-3

Date Sampled: 04/02/2007

Time Sampled: 09:30

Sampled By:

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

Benzene	ND	1	0.01	Vppm	04/11/07 LD
Ethyl benzene	0.07	1	0.01	Vppm	04/11/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	04/11/07 LD
Toluene	0.09	1	0.01	Vppm	04/11/07 LD
Xylene (total)	0.16	1	0.03	Vppm	04/11/07 LD
Benzene	ND	1	0.03	ug/L	04/11/07 LD
Ethyl benzene	0.30	1	0.04	ug/L	04/11/07 LD
Methyl t - butyl ether	ND	1	0.36	ug/L	04/11/07 LD
Toluene	0.34	1	0.04	ug/L	04/11/07 LD
Xylene (total)	0.69	1	0.13	ug/L	04/11/07 LD

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

Gasoline	17	1	5.0	Vppm	04/11/07 LD
Gasoline	69	1	22.1	ug/L	04/11/07 LD

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



Order #: 789440

Client: Calclean

Matrix: AIR

Client Sample ID: E-6

Date Sampled: 04/02/2007

Time Sampled: 09:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	2.9	5	0.05	Vppm	04/04/07 LD
Ethyl benzene	5.8	5	0.05	Vppm	04/04/07 LD
Methyl t - butyl ether	3.8	5	0.5	Vppm	04/04/07 LD
Toluene	16	5	0.05	Vppm	04/04/07 LD
Xylene (total)	15	5	0.15	Vppm	04/04/07 LD
Benzene	9.2	5	0.15	ug/L	04/04/07 LD
Ethyl benzene	25	5	0.2	ug/L	04/04/07 LD
Methyl t - butyl ether	14	5	1.8	ug/L	04/04/07 LD
Toluene	58	5	0.2	ug/L	04/04/07 LD
Xylene (total)	64	5	0.65	ug/L	04/04/07 LD

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

Gasoline	307	5	25.0	Vppm	04/04/07 LD
Gasoline	1260	5	110.5	ug/L	04/04/07 LD

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





Order #: 789441

Client: Calclean

Matrix: AIR

Client Sample ID: MW-1

Date Sampled: 04/02/2007

Time Sampled: 09:50

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	3.6	5	0.05	Vppm	04/03/07 LD
Ethyl benzene	6.9	5	0.05	Vppm	04/03/07 LD
Methyl t - butyl ether	4.0	5	0.5	Vppm	04/03/07 LD
Toluene	18	5	0.05	Vppm	04/03/07 LD
Xylene (total)	19	5	0.15	Vppm	04/03/07 LD
Benzene	12	5	0.15	ug/L	04/03/07 LD
Ethyl benzene	30	5	0.2	ug/L	04/03/07 LD
Methyl t - butyl ether	14	5	1.8	ug/L	04/03/07 LD
Toluene	70	5	0.2	ug/L	04/03/07 LD
Xylene (total)	81	5	0.65	ug/L	04/03/07 LD

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

Gasoline	350	5	25.0	Vppm	04/03/07 LD
Gasoline	1430	5	110.5	ug/L	04/03/07 LD

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



ASSOCIATED LABORATORIES  
QA REPORT FORM

QC Sample: 187737-442  
Matrix: AIR  
Prep. Date : April 3, 2007  
Analysis Date: April 3, 2007  
Lab ID#'s in Batch: LR 187728, 187737, 187736,

REPORTING UNITS = Vppm

**SAMPLE DUPLICATE RESULT**

Test	Method	Sample Result	Sample Duplicate	%RPD
Gas	8015M	11,277.00	10,997.00	3
Benzene	8021B	0.18	0.17	6
Toluene	8021B	1.09	1.05	4
Ethylbenzene	8021B	0.31	0.30	3
Xylenes	8021B	0.98	0.94	4

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  
Tustin, CA 92780

Phone (714) 734-9137

**ASSOCIATED LABORATORIES**

806 North Batarvia • Orange, CA 92868

Phone: (714) 771-6900 • Fax: (714) 538-1209

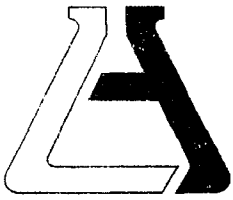


187736

Page 1 of 1

Company							A.L. Job No.		Analysis Requested							Test Instructions & Comments	
Project Manager NOEL SHENOI							Fax (714) 734-9138										
Project Name CALIFORNIA LINEN							Project #										
Site Name and Address OAKLAND, CA																	
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G (8015)	BTEX/MTBE (8021)									
1 COMBINED		4/2/07	0900	AIR	TEDLAR	NONE	X	X									
2 STACK		4/2/07	0905														
3 E-1			0910														
4 E-2			0920														
5 E-3			0930														
6 E-6			0940														
7 MW-1			0950														
8																	
9																	
10																	
11																	
12																	
13																	
14																	AIR=PPMV 2ug/L
15																	

Sample Receipt - To Be Filled By Laboratory				Relinquished by 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers	7	Property Cooled Y/N (NA)		Signature:	<i>Noel Sheno</i>	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:	4/3/07	Time:	15:00	Date:	
Turn Around Time				Received By:	1.	Received By:	2.	Received By:	3.
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:	<i>Kristen Eadler</i>	Signature:		Signature:	
				Printed Name:	Kristen Eadler	Printed Name:		Printed Name:	
				Date:	4/3/07	Time:	15:00	Date:	



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

CLIENT Calclean (9977)  
ATTN: Noel Sheno  
3002 Dow Ave.  
#142  
Tustin, CA 92780

LAB REQUEST 188434

REPORTED 04/18/2007

RECEIVED 04/13/2007

PROJECT California Linen, Oakland, CA

SUBMITTER Client

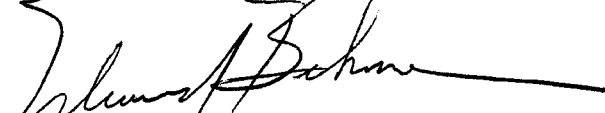
COMMENTS

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.

<u>Order No.</u>	<u>Client Sample Identification</u>
792056	Combined
792057	E-4
792058	E-8
792059	E-9

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

Order #: 792056

Client: Calclean

Matrix: AIR

Client Sample ID: Combined

Date Sampled: 04/09/2007

Time Sampled: 16:30

Sampled By:

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

Benzene	0.20	2	0.02	Vppm	04/13/07 LT
Ethyl benzene	1.1	2	0.02	Vppm	04/13/07 LT
Methyl t - butyl ether	0.38	2	0.2	Vppm	04/13/07 LT
Toluene	1.0	2	0.02	Vppm	04/13/07 LT
Xylene (total)	6.7	2	0.06	Vppm	04/13/07 LT

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

Gasoline	117	2	10.0	Vppm	04/13/07 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 #: 792057

Client: Calclean

Matrix: AIR

Client Sample ID: E-4

Date Sampled: 04/09/2007

Time Sampled: 11:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.10	1	0.01	Vppm	04/13/07 LT
Ethyl benzene	0.55	1	0.01	Vppm	04/13/07 LT
Methyl t - butyl ether	0.19	1	0.10	Vppm	04/13/07 LT
Toluene	0.92	1	0.01	Vppm	04/13/07 LT
Xylene (total)	5.0	1	0.03	Vppm	04/13/07 LT

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

Gasoline	79	1	5.0	Vppm	04/13/07 LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 792058

Client: Calclean

Matrix: AIR

Client Sample ID: E-8

Date Sampled: 04/09/2007

Time Sampled: 12:30

Sampled By:

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

Benzene	0.16	1	0.01	Vppm	04/13/07 LT
Ethyl benzene	0.70	1	0.01	Vppm	04/13/07 LT
Methyl t - butyl ether	0.42	1	0.10	Vppm	04/13/07 LT
Toluene	1.2	1	0.01	Vppm	04/13/07 LT
Xylene (total)	6.0	1	0.03	Vppm	04/13/07 LT

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

Gasoline	101	1	5.0	Vppm	04/13/07 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 #: 792059

Client: Calclean

Matrix: AIR

Client Sample ID: E-9

Date Sampled: 04/09/2007

Time Sampled: 14:30

Sampled By:

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

Benzene	0.07	1	0.01	Vppm	04/16/07 LT
Ethyl benzene	0.46	1	0.01	Vppm	04/16/07 LT
Methyl t - butyl ether	0.21	1	0.1	Vppm	04/16/07 LT
Toluene	0.77	1	0.01	Vppm	04/16/07 LT
Xylene (total)	3.4	1	0.03	Vppm	04/16/07 LT

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

Gasoline	96	1	5.0	Vppm	04/16/07 LT
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor





ASSOCIATED LABORATORIES  
QA REPORT FORM

QC Sample: 188393-915  
Matrix: AIR  
Prep. Date : April 13, 2007  
Analysis Date: April 13, 2007  
Lab ID#'s in Batch: LR 188392, 188393, 188434, 188436,

REPORTING UNITS = Vppm

**SAMPLE DUPLICATE RESULT**

Test	Method	Sample Result	Sample Duplicate	%RPD
Gas	8015M	12,674.00	12,686.00	0
Benzene	8021B	0.39	0.39	0
Toluene	8021B	2.08	2.00	4
Ethylbenzene	8021B	0.60	0.61	2
Xylenes	8021B	3.96	4.03	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  
Tustin, CA 92780

Phone (714) 734-9137

Fax (714) 734-9138

**ASSOCIATED LABORATORIES**

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



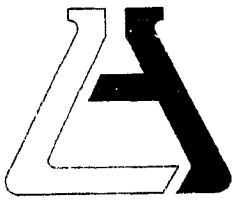
108-BH

A.L. Job No.

Page 1 of 1

Company		Project Manager		Project Name		Site Name and Address		Analysis Requested		Test Instructions & Comments	
CalClean Inc. 3002 Dow, #142 Tustin, CA 92780		NOEL SHENOI		CALIFORNIA LINEN		OAKLAND, CA					
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G (8015)	BTEX/MTBE (8021)			
1	COMBINED	4/9/07	1630	AIR	TEDLAR	NONE	X	X			
2	E-4		1100								
3	E-8		1230								
4	E-9		1430								
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											AIR=PPMV
15											

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler: 1.	Relinquished by 2.	Relinquished by 3.
Total Number of Containers	4	Property Cooled Y/N/NA	(NA)	Signature: <i>Noel Sheno</i>	Signature:	Signature:
Custody Seals, Y/N/NA	(NA)	Samples Intact Y/N/NA	(NA)	Printed Name:	Printed Name:	Printed Name:
Received in Good Condition Y/N	(Y)	Samples Accepted Y/N	(Y)	Date: 4/13/07 Time:	Date: Time:	Date: Time:
Turn Around Time				Received By: 1.	Received By: 2.	Received By: 3.
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature: <i>Maria Cruz</i>	Signature:	Signature:
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name: <i>Maria Cruz</i>	Printed Name:	Printed Name:
				Date: 4-13-07 Time: 4:00	Date: Time:	Date: Time:



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

CLIENT Calclean (9977)  
ATTN: Noel Sheno  
3002 Dow Ave.  
#142  
Tustin, CA 92780

LAB REQUEST 188676

REPORTED 04/20/2007

RECEIVED 04/18/2007

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.

793117

793118


Client Sample Identification

Combined

E-7

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

Order #: 793117

Client: Calclean

Matrix: AIR

Client Sample ID: Combined

Date Sampled: 04/16/2007

Time Sampled: 12:00

Sampled By:

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

Benzene	0.16	2	0.02	Vppm	04/19/07 LD
Ethyl benzene	1.1	2	0.02	Vppm	04/19/07 LD
Methyl t - butyl ether	0.30	2	0.2	Vppm	04/19/07 LD
Toluene	1.8	2	0.02	Vppm	04/19/07 LD
Xylene (total)	9.5	2	0.06	Vppm	04/19/07 LD

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

Gasoline	124	2	10.0	Vppm	04/19/07 LD
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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 #: 793118

Client: Calclean

Matrix: AIR

Client Sample ID: E-7

Date Sampled: 04/13/2007

Time Sampled: 10:30

Sampled By:

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

Benzene	0.15	1	0.01	Vppm	04/19/07 LD
Ethyl benzene	0.13	1	0.01	Vppm	04/19/07 LD
Methyl t - butyl ether	0.79	1	0.10	Vppm	04/19/07 LD
Toluene	0.14	1	0.01	Vppm	04/19/07 LD
Xylene (total)	0.45	1	0.03	Vppm	04/19/07 LD

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

Gasoline	78	1	5.0	Vppm	04/19/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



**ASSOCIATED LABORATORIES  
QA REPORT FORM**

QC Sample: 188676-117  
 Matrix: AIR  
 Prep. Date : April 19, 2007  
 Analysis Date: April 19, 2007  
 Lab ID#'s in Batch: LR 188676, 188680, 188673, 188711, 188722,

REPORTING UNITS = Vppm

**SAMPLE DUPLICATE RESULT**

Test	Method	Sample Result	Sample Duplicate	%RPD
Gas	8015M	12,911.00	12,956.00	0
Benzene	8021B	0.08	0.08	0
Toluene	8021B	0.89	0.89	0
Ethylbenzene	8021B	0.54	0.55	2
Xylenes	8021B	4.76	4.80	1

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  
Tustin, CA 92780

**ASSOCIATED LABORATORIES**

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



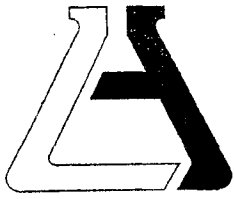
188076

Page 1 of 1

Company		Phone (714) 734-9137		A.L. Job No.														
Project Manager		Fax (714) 734-9138		Analysis Requested														
Project Name		Project #		Test Instructions & Comments														
Site Name and Address		TPH-G (8015)		BTEX/MTBE (8021)														
NOEL SHENOI		CALIFORNIA LINEN		OAKLAND, CA														
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.												
1	COMBINED	4/16/07	1200	AIR	TEDLAR	NONE	X	X										
2	E-7	4/13/07	1030	"	"	"	X	X										
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		

AIR=PPMV

Sample Receipt - To Be Filled By Laboratory				Relinquished by 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers	2	Property Cooled Y / N / NA	(NA)	Signature:	<i>Noel Sheno</i>	Signature:		Signature:	
Custody Seals Y / N / NA	(NA)	Samples Intact Y / N / NA	(Y)	Printed Name:		Printed Name:		Printed Name:	
Received in Good Condition Y / N	(Y)	Samples Accepted Y / N	(Y)	Date:	4/18/07	Date:		Date:	
Turn Around Time				Received By: 1.		Received By: 2.		Received By: 3.	
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature:	<i>Maria Cruz</i>	Signature:		Signature:	
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:	<i>Maria Cruz</i>	Printed Name:		Printed Name:	
				Date:	4/18/07	Date:		Date:	
				Time:	15:40	Time:		Time:	



**ASSOCIATED LABORATORIES**

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

**FAX 714/538-1209**

CLIENT Calclean (9977)  
ATTN: Noel Sheno  
3002 Dow Ave.  
#142  
Tustin, CA 92780

LAB REQUEST 188677

REPORTED 04/24/2007

RECEIVED 04/18/2007

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.

793119

793120

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,

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



Order #: 793119

Client: Calclean

Matrix: WATER

Client Sample ID: Effluent

Date Sampled: 04/13/2007

Time Sampled: 20:30

Sampled By:

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

**1664 Oil and Grease**

Total Oil and Grease	ND	1	5	mg/L	04/19/07 LN
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**8021B BTEX + MTBE**

Benzene	ND	1	0.3	ug/L	04/20/07 LT
Ethyl benzene	ND	1	0.3	ug/L	04/20/07 LT
Methyl t - butyl ether	ND	1	5	ug/L	04/20/07 LT
Toluene	ND	1	0.3	ug/L	04/20/07 LT
Xylene (total)	ND	1	0.6	ug/L	04/20/07 LT

**Surrogates**

	Units	Control Limits
a,a,a-Trifluorotoluene	89	% 70 - 130

**8015B - Gasoline**

Gasoline	ND	1	50	ug/L	04/20/07 LT
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**Surrogates**

	Units	Control Limits
a,a,a-Trifluorotoluene	89	% 55 - 200

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



Order #: 793120

Client: Calclean

Matrix: WATER

Client Sample ID: Laboratory Method Blank

Date Sampled: 04/18/2007

Time Sampled:

Sampled By:

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

1664 Oil and Grease

Total Oil and Grease	ND	1	5	mg/L	04/19/07 LN
----------------------	----	---	---	------	-------------

8021B BTEX + MTBE

Benzene	ND	1	0.3	ug/L	04/20/07 LT
Ethyl benzene	ND	1	0.3	ug/L	04/20/07 LT
Methyl t - butyl ether	ND	1	.5	ug/L	04/20/07 LT
Toluene	ND	1	0.3	ug/L	04/20/07 LT
Xylene (total)	ND	1	0.6	ug/L	04/20/07 LT

**Surrogates**

				Units	Control Limits
a,a,a-Trifluorotoluene	97			%	70 - 130

8015B - Gasoline

Gasoline	ND	1	50	ug/L	04/20/07 LT
----------	----	---	----	------	-------------

**Surrogates**

				Units	Control Limits
a,a,a-Trifluorotoluene	97			%	55 - 200

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



**ASSOCIATED LABORATORIES  
QA REPORT FORM**

QC Sample : 188519  
 Matrix: WATER  
 Prep.Date: April 17, 2007  
 Analysis Date: April 19, 2007  
 Lab ID#'s in Batch: 188519, 188192, 188293, 188562, 188552, 188622, 188630, 188634, 188637, 188649, 188671, 188594, 188633, 188651, 188677  
 REPORTING UNITS = mg/L

**PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS**

Test	Method	PREP BLK	LCS				
		Value	Result	True	%Rec	L.Limit	H.Limit
O&G	1664	ND	38	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: G1-LCS&LCSD  
 Matrix: WATER  
 Prep. Date: April 19, 2007  
 Analysis Date: 4/19/07-4/20/07 .  
 Lab ID#'s in Batch: LR 188681 , 188682 , 188677 , 188678 , 188796 .

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

Reporting Units =  $\mu\text{g/L}$

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	517	497	103	99	4

*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*

<i>%REC LIMITS = 70 - 130</i>
<i>RPD LIMITS = 30</i>

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	90
LCS	180
LCSD	177

*AAA-TFT = a,a,a-Trifluorotoluene*

**ASSOCIATED LABORATORIES  
LCS REPORT FORM**

QC Sample: G1-LCS&LCSD

Matrix: WATER

Prep. Date: April 20, 2007

Analysis Date 4/20/07-4/21/07

Lab ID#'s in Batch: LR 188677 , 188678 , 188796 , 188761 , 188762 , 188746 , 188758 .

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

Reporting Units =  $\mu\text{g/L}$

Test	Method	Method Blank	Spike Added	LCS Spike	LCSD Spk. Dup	%Rec LCS	%Rec LCSD	RPD
TPH	8015M-G	ND	500	492	507	98	101	3

*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*

<i>%REC LIMITS = 70 - 130</i>
-------------------------------

<i>RPD LIMITS = 30</i>
------------------------

**SURROGATE RECOVERY**

Sample No.	AAA-TFT
QC Limit	55-200
Method Blank	97
LCS	174
LCSD	178

*AAA-TFT = a,a,a-Trifluorotoluene*

ASSOCIATED LABORATORIES  
LCS REPORT FORM

QC Sample: LCS/LCSD  
 Matrix: WATER  
 Prep. Date: Apr 20-07  
 Analysis Date: 4/20/07-4/21/07  
 Lab ID#'s in Batch: LR 188677 , 188678 , 188762 , 188796 .

REPORTING UNITS = µg/L

**LAB CONTROLLED SPIKE / LAB CONTROLLED DUPLICATE RESULT**

Test	Method	Sample Result	Spike Added	Matrix LCS	Matrix LCSD	%Rec LCS	%Rec LCSD	RPD
Benzene	8021	ND	20	20.9	21.3	105	107	2
Toluene	8021	ND	20	21.8	22.3	109	112	2
Ethylbenzene	8021	ND	20	21.2	21.8	106	109	3
Xylenes	8021	ND	60	66.2	67.9	110	113	3

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.	AAA-TFT
QC Limit	55-200
Method Blank	97
LCS	108
LCSD	100

AAA-TFT = a,a,a-Trifluorotoluene



**Chain of Custody Record**

CalClean Inc.  
3002 Dow, #142  
Tustin, CA 92780

Phone (714) 734-9137

A.L. Job No. 188677

Page 1 of 1

Project Manager **NOEL SHENOI** Fax (714) 734-9138

Project Name **CALIFORNIA LINEN** Project #

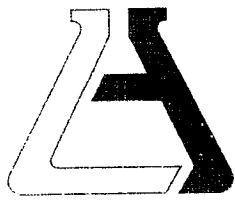
Site Name and Address **OAKLAND, CA**

**Analysis Requested** **Test Instructions & Comments**

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G (8015)	BTEX/MTBE (8021)	OIL & GREASE										
1		<del>4/10/07</del>		<del>AIR</del>	<del>TEFLAR</del>	<del>NONE</del>													
2																			
3		4/13/07	2030	W	2 VcA	HCl	X	X											
4				W	1	H <sub>2</sub> SO <sub>4</sub>			X										
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			AIR=PPMV
15																			

<b>Sample Receipt - To Be Filled By Laboratory</b>				Relinquished by Sampler: 1.	Relinquished by 2.	Relinquished by 3.
Total Number of Containers	3	Property Cooled	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Signature: <i>Noel Sheno</i>	Signature:	Signature:
Custody Seals	Y / N / <input checked="" type="checkbox"/> NA	Samples Intact	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Printed Name:	Printed Name:	Printed Name:
Received in Good Condition	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Samples Accepted	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Date: 4/18/07 Time:	Date: Time:	Date: Time:
<b>Turn Around Time</b>				Received By: 1.	Received By: 2.	Received By: 3.
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature: <i>Maria Cruz</i>	Signature:	Signature:
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name: <i>Maria Cruz</i>	Printed Name:	Printed Name:
				Date: 4/18/07 Time: 15:40	Date: Time:	Date: Time:

2-4-10-07 7:11A



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

CLIENT Calclean (9977)  
ATTN: Noel Shenoi  
3002 Dow Ave.  
#142  
Tustin, CA 92780

LAB REQUEST 189763

REPORTED 05/10/2007

RECEIVED 05/04/2007

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.

<u>Order No.</u>	<u>Client Sample Identification</u>
797498	E - 4
797499	E - 9
797500	Combined - 5/2/07
797501	E - 7
797502	E - 8
797503	E - 6
797504	MW - 1
797505	Combined - 4/25/07

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



Order #: 797498

Client: Calclean

Matrix: AIR

Client Sample ID: E - 4

Date Sampled: 04/24/2007

Time Sampled: 18:40

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.07	1	0.01	Vppm	05/07/07 LD
Ethyl benzene	0.07	1	0.01	Vppm	05/07/07 LD
Methyl t - butyl ether	0.60	1	0.10	Vppm	05/07/07 LD
Toluene	0.12	1	0.01	Vppm	05/07/07 LD
Xylene (total)	0.20	1	0.03	Vppm	05/07/07 LD

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

Gasoline	32	1	5.0	Vppm	05/07/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 797499

Client: Calclean

Matrix: AIR

Client Sample ID: E-9

Date Sampled: 04/24/2007

Time Sampled: 18:45

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.04	1	0.01	Vppm	05/07/07 LD
Ethyl benzene	0.07	1	0.01	Vppm	05/07/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	05/07/07 LD
Toluene	0.14	1	0.01	Vppm	05/07/07 LD
Xylene (total)	0.25	1	0.03	Vppm	05/07/07 LD

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

Gasoline	18	1	5.0	Vppm	05/07/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 797500

Client: Calclean

Matrix: AIR

Client Sample ID: Combined - 5/2/07

Date Sampled: 05/02/2007

Time Sampled: 08:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	2.4	2	0.02	Vppm	05/07/07 LD
Ethyl benzene	2.2	2	0.02	Vppm	05/07/07 LD
Methyl t - butyl ether	5.6	2	0.2	Vppm	05/07/07 LD
Toluene	7.1	2	0.02	Vppm	05/07/07 LD
Xylene (total)	7.7	2	0.06	Vppm	05/07/07 LD

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

Gasoline	294	2	10.0	Vppm	05/07/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 797501

Client: Calclean

Matrix: AIR

Client Sample ID: E-7

Date Sampled: 05/02/2007

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.06	1	0.01	Vppm	05/07/07 LD
Ethyl benzene	0.13	1	0.01	Vppm	05/07/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	05/07/07 LD
Toluene	0.31	1	0.01	Vppm	05/07/07 LD
Xylene (total)	0.59	1	0.03	Vppm	05/07/07 LD

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

Gasoline	41	1	5.0	Vppm	05/07/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 797502

Client: Calclean

Matrix: AIR

Client Sample ID: E - 8

Date Sampled: 05/02/2007

Time Sampled: 09:05

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.31	1	0.01	Vppm	05/07/07 LD
Ethyl benzene	0.41	1	0.01	Vppm	05/07/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	05/07/07 LD
Toluene	0.58	1	0.01	Vppm	05/07/07 LD
Xylene (total)	0.17	1	0.03	Vppm	05/07/07 LD
<b>8015B - Gasoline in Air - (Vppm &amp; ug/L)</b>					
Gasoline	130	1	5.0	Vppm	05/07/07 LD

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



Order #: 797503

Client: Calclean

Matrix: AIR

Client Sample ID: E - 6

Date Sampled: 05/02/2007

Time Sampled: 09:10

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	1.2	1	0.01	Vppm	05/07/07 LD
Ethyl benzene	0.67	1	0.01	Vppm	05/07/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	05/07/07 LD
Toluene	4.0	1	0.01	Vppm	05/07/07 LD
Xylene (total)	2.4	1	0.03	Vppm	05/07/07 LD

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

Gasoline	159	1	5.0	Vppm	05/07/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 797504

Client: Calclean

Matrix: AIR

Client Sample ID: MW - 1

Date Sampled: 05/02/2007

Time Sampled: 09:15

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	2.0	1	0.01	Vppm	05/07/07 LD
Ethyl benzene	0.76	1	0.01	Vppm	05/07/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	05/07/07 LD
Toluene	5.9	3	0.025	Vppm	05/08/07 LD
Xylene (total)	3.8	1	0.03	Vppm	05/07/07 LD

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

Gasoline	212	1	5.0	Vppm	05/07/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 797505

Client: Calclean

Matrix: AIR

Client Sample ID: Combined - 4/25/07

Date Sampled: 04/25/2007

Time Sampled: 09:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<u>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</u>					
Benzene	0.14	2	0.02	Vppm	05/07/07 LD
Ethyl benzene	0.96	2	0.02	Vppm	05/07/07 LD
Methyl t - butyl ether	0.48	2	0.2	Vppm	05/07/07 LD
Toluene	1.8	2	0.02	Vppm	05/07/07 LD
Xylene (total)	7.9	2	0.06	Vppm	05/07/07 LD

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

Gasoline	97	2	10.0	Vppm	05/07/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor





ASSOCIATED LABORATORIES  
QA REPORT FORM

QC Sample: 189763-505  
 Matrix: AIR  
 Prep. Date : May 7, 2007  
 Analysis Date: May 7, 2007  
 Lab ID#'s in Batch: LR 189763, 189833, 189791, 189792,

REPORTING UNITS = Vppm

**SAMPLE DUPLICATE RESULT**

Test	Method	Sample Result	Sample Duplicate	%RPD
Gas	8015M	10,086.00	9,910.00	2
Benzene	8021B	0.07	0.07	0
Toluene	8021B	0.90	0.88	2
Ethylbenzene	8021B	0.48	0.48	0
Xylenes	8021B	3.97	3.90	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  
Tustin, CA 92780

189763

Company Phone (714) 734-9137

A.L. Job No. Page 1 of 1

Project Manager NOEL SHENOI Fax (714) 734-9138

Project Name CALIFORNIA LINEN Project #

Site Name and Address OAKLAND, CA

		Analysis Requested										Test Instructions & Comments						
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G (8015)	BTEX/MTBE (8021)										
1	E-4	4/24/07	1840	AIR	TEDLAR	NONE	X	X										
2	E-9	↓	1845				X	X										
3	COMBINED	5/2/07	0855															
4	E-7	↓	0900															
5	E-8	↓	0905															
6	E-6	↓	0910															
7	MW-1	↓	0915															
8	COMBINED	4-25-07	0900															
9																		
10																		
11																		
12																		
13																		
14																		AIR=PPMV
15																		

**Sample Receipt - To Be Filled By Laboratory**

Total Number of Containers: 8 Property Cooled Y/N/NA: (Y) (N) (NA)

Custody Seals Y/N/NA: (Y) (N) (NA) Samples Intact (Y) (N) (NA)

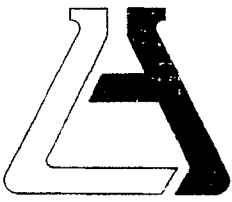
Received in Good Condition (Y) (N) Samples Accepted (Y) (N)

Relinquished by Sampler:	1.	Relinquished by	2.	Relinquished by	3.
Signature: Noel Sheno		Signature:		Signature:	
Printed Name:		Printed Name:		Printed Name:	
Date: 5/4/07 Time: 13:30		Date:	Time:	Date:	Time:

**Turn Around Time**

Normal  Rush  Same Day  48 hrs.  24 hrs.  72 hrs.

Received By:	1.	Received By:	2.	Received By:	3.
Signature: Kristen Ecker		Signature:		Signature:	
Printed Name: Kristen Ecker		Printed Name:		Printed Name:	
Date: 5/4/07 Time: 13:30		Date:	Time:	Date:	Time:



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

CLIENT Calclean (9977)  
ATTN: Noel Sheno  
3002 Dow Ave.  
#142  
Tustin, CA 92780

LAB REQUEST 190425  
REPORTED 05/23/2007  
RECEIVED 05/16/2007

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.

<u>Order No.</u>	<u>Client Sample Identification</u>
800269	E-7
800270	E-8
800271	E-6
800272	MW-1
800273	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

Order #: 800269

Client: Calclean

Matrix: AIR

Client Sample ID: E-7

Date Sampled: 05/13/2007

Time Sampled: 07:40

Sampled By:

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

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

Benzene	2.4	1	0.01	Vppm	05/17/07 LD
Ethyl benzene	1.4	1	0.01	Vppm	05/17/07 LD
Methyl t - butyl ether	16	5	0.5	Vppm	05/17/07 LD
Toluene	8.4	5	0.05	Vppm	05/17/07 LD
Xylene (total)	4.8	1	0.03	Vppm	05/17/07 LD

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

Gasoline	218	1	5.0	Vppm	05/17/07 LD
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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 #: 800270

Client: Calclean

Matrix: AIR

Client Sample ID: E-8

Date Sampled: 05/13/2007

Time Sampled: 07:45

Sampled By:

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

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

Benzene	0.65	1	0.01	Vppm	05/17/07 LD
Ethyl benzene	0.15	1	0.01	Vppm	05/17/07 LD
Methyl t - butyl ether	0.50	1	0.10	Vppm	05/17/07 LD
Toluene	0.75	1	0.01	Vppm	05/17/07 LD
Xylene (total)	0.65	1	0.03	Vppm	05/17/07 LD

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

Gasoline	229	1	5.0	Vppm	05/17/07 LD
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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 #: 800271

Client: Calclean

Matrix: AIR

Client Sample ID: E-6

Date Sampled: 05/13/2007

Time Sampled: 07:50

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	3.5	3	0.025	Vppm	05/17/07 LD
Ethyl benzene	2.2	3	0.025	Vppm	05/17/07 LD
Methyl t - butyl ether	25	10	1.0	Vppm	05/22/07 LD
Toluene	9.2	10	0.1	Vppm	05/22/07 LD
Xylene (total)	7.5	3	0.075	Vppm	05/17/07 LD

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

Gasoline	292	3	12.5	Vppm	05/17/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 800272

Client: Calclean

Matrix: AIR

Client Sample ID: MW-1

Date Sampled: 05/13/2007

Time Sampled: 07:55

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	3.7	3	0.025	Vppm	05/17/07 LD
Ethyl benzene	2.2	3	0.025	Vppm	05/17/07 LD
Methyl t - butyl ether	20	10	1.0	Vppm	05/22/07 LD
Toluene	7.7	10	0.1	Vppm	05/22/07 LD
Xylene (total)	7.7	3	0.075	Vppm	05/17/07 LD

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

Gasoline	350	3	12.5	Vppm	05/17/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 800273

Client: Calclean

Matrix: AIR

Client Sample ID: Combined

Date Sampled: 05/13/2007

Time Sampled: 08:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	4.0	3	0.025	Vppm	05/17/07 LD
Ethyl benzene	2.4	3	0.025	Vppm	05/17/07 LD
Methyl t - butyl ether	16	17	1.67	Vppm	05/22/07 LD
Toluene	12	3	0.025	Vppm	05/17/07 LD
Xylene (total)	7.8	3	0.075	Vppm	05/17/07 LD

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

Gasoline	557	3	12.5	Vppm	05/17/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor





ASSOCIATED LABORATORIES  
QA REPORT FORM

QC Sample: 190425-269  
 Matrix: AIR  
 Prep. Date : May 17, 2007  
 Analysis Date: May 17, 2007  
 Lab ID#'s in Batch: LR190425, 190493

REPORTING UNITS = Vppm

**SAMPLE DUPLICATE RESULT**

Test	Method	Sample Result	Sample Duplicate	%RPD
Gas	8015M	8,117	8,367	3
Benzene	8021B	0.37	0.38	3
Toluene	8021B	1.62	1.67	3
Ethylbenzene	8021B	0.24	0.24	0
Xylenes	8021B	0.82	0.85	4

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  
Tustin, CA 92780

**ASSOCIATED LABORATORIES**

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



190425

Page 1 of 1

Company 3002 Dow, #142 Tustin, CA 92780							Phone (714) 734-9137		A.L. Job No.		Analysis Requested		Test Instructions & Comments	
Project Manager NOEL SHENOI							Fax (714) 734-9138							
Project Name CALIFORNIA LINEN							Project #							
Site Name and Address OAKLAND, CA														
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G (8015)	BTEX/MTBE (8021)						
1 E-7		5/13/07	0740	AIR	TEDLAR	NONE	X	X						
2 E-8		↓	0745	↓	↓	↓	X	X						
3 E-6		↓	0750	↓	↓	↓	X	X						
4 MW-1		↓	0755	↓	↓	↓	X	X						
5 COMBINED		↓	0800	↓	↓	↓	X	X						
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														AIR=PPMV

<b>Sample Receipt - To Be Filled By Laboratory</b>				Relinquished by 1.		Relinquished by 2.		Relinquished by 3.		
Total Number of Containers	5	Property Cooled	Y/N/NA	Signature:	<i>Noel Sheno</i>		Signature:			
Custody Seals	Y/N/NA	Samples Intact	Y/N/NA	Printed Name:			Printed Name:			
Received in Good Condition	Y/N	Samples Accepted	Y/N	Date:	5/16/07	Time:	Date:	Time:	Date:	Time:
<b>Turn Around Time</b>				Received By: 1.		Received By: 2.		Received By: 3.		
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature:	<i>Jean</i>		Signature:			
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:	<i>Jean Mandoff</i>		Printed Name:			
				Date:	5/16/07	Time:	Date:	Time:	Date:	Time:
						15:00				



**ASSOCIATED LABORATORIES**

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

FAX 714/538-1209

CLIENT Calclean (9977)  
ATTN: Noel Sheno  
3002 Dow Ave.  
#142  
Tustin, CA 92780

LAB REQUEST 191363

REPORTED 06/07/2007

RECEIVED 06/04/2007

PROJECT California Linen

SUBMITTER Client

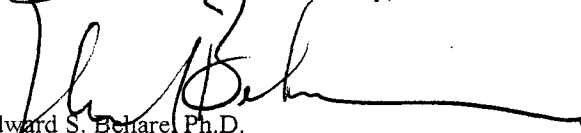
COMMENTS

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.

<u>Order No.</u>	<u>Client Sample Identification</u>
804289	Combined
804290	E-8
804291	E-6
804292	MW-1
804293	E-7

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

Order #: 804289

Client: Calclean

Matrix: AIR

Client Sample ID: Combined

Date Sampled: 05/30/2007

Time Sampled: 16:00

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.88	2	0.02	Vppm	06/04/07 LD
Ethyl benzene	0.98	2	0.02	Vppm	06/04/07 LD
Methyl t - butyl ether	7.5	2	0.2	Vppm	06/04/07 LD
Toluene	2.1	2	0.02	Vppm	06/04/07 LD
Xylene (total)	2.5	2	0.06	Vppm	06/04/07 LD

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

Gasoline	226	2	10.0	Vppm	06/04/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 804290

Client: Calclean

Matrix: AIR

Client Sample ID: E-8

Date Sampled: 05/30/2007

Time Sampled: 16:05

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.23	1	0.01	Vppm	06/04/07 LD
Ethyl benzene	0.26	1	0.01	Vppm	06/04/07 LD
Methyl t - butyl ether	1.1	1	0.10	Vppm	06/04/07 LD
Toluene	0.79	1	0.01	Vppm	06/04/07 LD
Xylene (total)	0.43	1	0.03	Vppm	06/04/07 LD

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

Gasoline	99	1	5.0	Vppm	06/04/07 LD
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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 #: 804291

Client: Calclean

Matrix: AIR

Client Sample ID: E-6

Date Sampled: 05/30/2007

Time Sampled: 16:10

Sampled By:

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

Benzene	0.60	1	0.01	Vppm	06/04/07 LD
Ethyl benzene	0.67	1	0.01	Vppm	06/04/07 LD
Methyl t - butyl ether	1.8	1	0.10	Vppm	06/04/07 LD
Toluene	1.6	1	0.01	Vppm	06/04/07 LD
Xylene (total)	1.7	1	0.03	Vppm	06/04/07 LD

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

Gasoline	111	1	5.0	Vppm	06/04/07 LD
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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 #: 804292

Client: Calclean

Matrix: AIR

Client Sample ID: MW-1

Date Sampled: 05/30/2007

Time Sampled: 16:15

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	0.43	1	0.01	Vppm	06/05/07 LD
Ethyl benzene	0.61	1	0.01	Vppm	06/05/07 LD
Methyl t - butyl ether	2.0	1	0.10	Vppm	06/05/07 LD
Toluene	1.4	1	0.01	Vppm	06/05/07 LD
Xylene (total)	1.6	1	0.03	Vppm	06/05/07 LD

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

Gasoline	98	1	5.0	Vppm	06/05/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor



Order #: 804293

Client: Calclean

Matrix: AIR

Client Sample ID: E-7

Date Sampled: 05/30/2007

Time Sampled: 16:20

Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
<b>8021B BTEX/MTBE in Air - (Vppm &amp; ug/L)</b>					
Benzene	ND	1	0.01	Vppm	06/05/07 LD
Ethyl benzene	0.18	1	0.01	Vppm	06/05/07 LD
Methyl t - butyl ether	ND	1	0.10	Vppm	06/05/07 LD
Toluene	0.18	1	0.01	Vppm	06/05/07 LD
Xylene (total)	0.30	1	0.03	Vppm	06/05/07 LD

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

Gasoline	16	1	5.0	Vppm	06/05/07 LD
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DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor





ASSOCIATED LABORATORIES  
QA REPORT FORM

QC Sample: 191407-445  
 Matrix: AIR  
 Prep. Date : June 4, 2007  
 Analysis Date: 6/4/2007 To 06/05/2007  
 Lab ID#'s in Batch: LR 191363, 191362, 191384, 191428, 191432

REPORTING UNITS = Vppm

**SAMPLE DUPLICATE RESULT**

Test	Method	Sample Result	Sample Duplicate	%RPD
Gas	8015M	2,480.00	2,302.00	7
Benzene	8021B	0.09	0.09	0
Toluene	8021B	0.11	0.09	20
Ethylbenzene	8021B	0.11	0.13	17
Xylenes	8021B	0.11	0.10	10

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**

CalClean Inc.  
3002 Dow, #142  
Tustin, CA 92780

141363

Company: <b>NOEL SHENOI</b>							Phone: (714) 734-9137		A.L. Job No.	
Project Manager: <b>NOEL SHENOI</b>							Fax: (714) 734-9138		Analysis Requested	
Project Name: <b>CALIFORNIA LINEN</b>							Project #		Test Instructions & Comments	
Site Name and Address: <b>OAKLAND, CA</b>										
Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G (8015)	BTEX/MTBE (8021)		
1 COMBINED		5/30/07	1600	AIR	TEDLAR	NONE	X	X		
2 E-8			1605				X	X		
3 E-6			1610				X	X		
4 MW-1			1615				X	X		
5 E-7			1620				X	X		
6										
7										
8										
9										
10										
11										
12										
13										
14										AIR=PPMV
15										

<b>Sample Receipt - To Be Filled By Laboratory</b>				Relinquished by 1.		Relinquished by 2.		Relinquished by 3.	
Total Number of Containers	5	Property Cooled Y/N/NA	(NA)	Signature:	<i>Noel Sheno</i>	Signature:		Signature:	
Custody Seals Y/N/NA	(NA)	Samples Intact Y/N/NA	(Y)	Printed Name:		Printed Name:		Printed Name:	
Received in Good Condition Y/N	(Y)	Samples Accepted Y/N	(Y)	Date:	6/4/07 Time: 9:55	Date:		Date:	
<b>Turn Around Time</b>				Received By: 1.		Received By: 2.		Received By: 3.	
<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <input type="checkbox"/> Same Day <input type="checkbox"/> 48 hrs. <input type="checkbox"/> 24 hrs. <input type="checkbox"/> 72 hrs.				Signature:	<i>Kristen Ender</i>	Signature:		Signature:	
				Printed Name:	Kristen Ender	Printed Name:		Printed Name:	
				Date:	6/4/07 Time: 9:55	Date:		Date:	



**Chain of Custody Record**

CalClean Inc.  
3002 Dow, #142  
Tustin, CA 92780

Phone (714) 734-9137

A.L. Job No.

Page 1 of 1

Project Manager <b>NOEL SHENOI</b>	Fax <b>(714) 734-9138</b>	<b>Analysis Requested</b>	<b>Test Instructions &amp; Comments</b>
Project Name <b>CALIFORNIA LINEN</b>	Project #	TPH-G (8015) BTEX/MTBE (8021) TOTAL OIL & GREASE	
Site Name and Address <b>OAKLAND, CA</b>			

Sample ID	Lab ID	Date	Time	Matrix	Container Number/Size	Pres.	TPH-G (8015)	BTEX/MTBE (8021)	TOTAL OIL & GREASE								
1		<del>5/28/07</del>		<del>AIR</del>	<del>TRIAL</del>	<del>NONE</del>											
2																	
3																	
4		5/28/07	1400	W	200A	HCl	X	X									
5				W	(	H <sub>2</sub> SO <sub>4</sub>			X								
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	<del>AIR</del>
15																	

Sample Receipt - To Be Filled By Laboratory				Relinquished by Sampler:	1.	Relinquished by	2.	Relinquished by	3.
Total Number of Containers	3	Property Cooled	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Signature:	<i>Noel Sheno</i>	Signature:		Signature:	
Custody Seals	<input checked="" type="checkbox"/> Y / <input checked="" type="checkbox"/> N / <input type="checkbox"/> NA	Samples Intact	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N / <input type="checkbox"/> NA	Printed Name:		Printed Name:		Printed Name:	
Received in Good Condition	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Samples Accepted	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Date:	6/4/07	Time:	9:55	Date:	
Turn Around Time				Received By:	1.	Received By:	2.	Received By:	3.
<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Rush	<input type="checkbox"/> Same Day	<input type="checkbox"/> 48 hrs.	Signature:	<i>Kristen Endler</i>	Signature:		Signature:	
		<input type="checkbox"/> 24 hrs.	<input type="checkbox"/> 72 hrs.	Printed Name:	Kristen Endler	Printed Name:		Printed Name:	
				Date:	6/4/07	Time:	9:55	Date:	

**CalClean Inc.**

**ATTACHMENT 2**

**HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM  
FIELD DATA SHEETS**

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 4/21/2007

Page 1 of 17

Client: **CALIFORNIA LINEN**

Operator (s):

					Well #1: E-1	Well #2: E-2	Well #3: E-3	Well #4: E-6	Well #5: MW-1	Well #6: I-4	Well #7: E-7	Well #8:			
Initial Depth to Groundwater/FP					9.16	8.19	9.15	7.94	8.09		8.95				
Screen Interval					21.81	24.62	24.78	19.79	22.27						
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
4/2					OPEN	24'	OPEN	24'	OPEN	19'	OPEN	22'			
0800	18	201	1403	318											
0900	18	203	1401	320											
1000	17	210	1406	315											
1100	15	225	1403	309											
1200	15	224	1400	311											
1300	15	230	1400	306											
1400	15	229	1403	299											
1500	15	231	1405	287											
1600	15	227	1409	290											
1700	15	230	1406	294											
1800	15	231	1401	289											
1900	15	225	1402	293											
2000	15	229	1405	296											
4/3															
0400	15	233	1406	280											
0800	15	227	1401	283								1.14	9.36		
1200	15	228	1403	279											
1600	15	226	1400	275											
2000	15	230	1403	274											

Comments: 4-2-07 TOOK COMBINED VAPOR SAMPLE @ 0900. TOOK E-1 @ 0910. TOOK E-2 @ 0920  
 TOOK E-3 @ 0930. TOOK E-6 @ 0940. TOOK MW-1 @ 0950

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**  
 Client: **CALIFORNIA LINEN**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 4/4 / 2007

Page 2 of 17

Operator (s):

					Well #1: E-1	Well #2: E-2	Well #3: E-3	Well #4: E-6	Well #5: MW-1	Well #6: I-1	Well #7: E-7	Well #8:			
Initial Depth to Groundwater/FP					9.16	8.19	9.15	7.94	8.09		8.95				
Screen Interval										AIR SPARGE					
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
4/4					OPEN 24'	OPEN 24'	OPEN 24'	OPEN 19'	OPEN 22'						
0400	15	225	1401	269											
0800	15	227	1403	265								1.06	9.68		
1200	15	230	1400	268											
1600	15	229	1400	263											
2000	15	231	1405	257											
4/5															
0400	15	230	1402	254											
0800	15	225	1401	249	86 PPMV	53 PPMV	93 PPMV	126 PPMV	98 PPMV			1.11	9.45		
1200	15	231	1405	242											
1600	15	229	1403	237											
2000	15	227	1406	233											
4/6															
0400	15	224	1400	228											
0800	15	220	1405	224	77 PPMV	61 PPMV	85 PPMV	119 PPMV	84 PPMV			1.16	9.37		
1200	15	226	1404	217											
1600	15	231	1406	199	CLOSED	CLOSED	CLOSED								
2000	19	85	1400	420											

Comments:

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# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Date: 4/17/2007

Page 3 of 17

Client: CALIFORNIA LINEN

Operator (s): BERNARDO

					Well #1: E-4	Well #2: E-8	Well #3: E-9	Well #4: E-6	Well #5: MW-1	Well #6: E-4	Well #7: E-7	Well #8:			
Initial Depth to Groundwater/FP					13.02	10.26	13.91	7.94	8.09		8.95				
Screen Interval										AIR SPARGE					
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
4/7										OPEN	19'	OPEN	22'		
0400	19	80	1400	430											
0800	19	83	1403	425	0.00	13.14	0.00	9.40	0.00	10.79	350 PPMV	436 PPMV			
1200	19	85	1400	427											
1600	19	84	1401	422											
2000	19	86	1400	420											
4/8															
0400	19	89	1403	422											
0800	19	85	1405	417	0.00	13.31	0.00	9.51	0.00	11.02	446 PPMV	439 PPMV			
1200	19	83	1402	414											
1600	19	86	1403	416											
2000	19	80	1401	415											
4/9															
0400	19	86	1402	411	OPEN	30'									
0800	19	85	1400	413						387 PPMV	420 PPMV		1012	9.40	
1000	24	25	1400	41			0.00	9.71	0.00	11.44					
1030	24	26	1401	55			0.00	9.75	0.00	11.36					
1100	24	27	1400	61			0.03	9.70	0.00	11.19					
1130	24	25	1400	53			0.08	9.61	0.00	11.04					
1200	24	24	1402	49	CLOSED		0.10	9.58	0.00	10.95					

Comments: 4-9-07 TOOK E-4 VAPOR SAMPLE @ 1100.

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Date: 4/9/2007

Page 4 of 17

Client: CALIFORNIA LINEN

Operator (s): BERNARDO

					Well #1: E-4	Well #2: E-8	Well #3: E-9	Well #4: E-6	Well #5: MW-1	Well #6: I-1	Well #7: E-7	Well #8:								
Initial Depth to Groundwater/FP					13.02	10.26	13.91	7.94	8.09	AIR SPARGE	8.95									
Screen Interval																				
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	VAC	Stinger Depth (feet)	VAC	Stinger Depth (feet)	VAC	DTW	VAC	DTW	VAC	DTW	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
4/9							OPEN	33'												
1230	24	27	1400	77	0.00	18.77			0.00	10.87										
1300	24	25	1400	75	0.00	17.65			0.00	10.93										
1330	26	20	1401	69	0.00	16.00			0.02	11.90										
1400	26	23	1402	70	0.00	15.05	CLOSED		0.03	11.31										
									OPEN	34'										
1430	26	20	1400	81	0.00	14.31	0.00	16.54												
1500	26	21	1400	79	0.00	14.16	0.00	15.51												
1530	26	23	1401	77	0.00	14.01	0.00	15.03												
1600	26	22	1400	77	0.00	13.87	0.00	14.73												
						OPEN	30'	OPEN	33'											
1700	25	80	1405	160																
1800	25	85	1403	157																
1900	25	90	1406	166																
2000	25	89	1402	171																
4/10																				
0400	24	98	1401	167																
0600	24	101	1403	170													0.16	9.89		
1200	24	97	1402	169																
1600	24	99	1400	165																
2000	24	98	1402	166																

Comments: 4-9-07 TOOK E-8 VAPOR SAMPLE @ 1230. TOOK E-9 SAMPLE @ 1430  
 TOOK COMBINED SAMPLE @ 1630.



# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Date: 9/11/2007

Page 5 of 17

Client: CALIFORNIA LINEN

Operator (s): BERNARDO

					Well #1: E-4	Well #2: E-8	Well #3: E-9	Well #4: E-6	Well #5: MW-1	Well #6: I-1	Well #7: E-7	Well #8:			
Initial Depth to Groundwater/FP					13.02	10.26	13.91	7.94	8.09		8.95				
Screen Interval											20.21				
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
4/11					OPEN	30'	OPEN	33'	OPEN	34'					
0800	24	102	1405	163											
1200	24	101	1401	160	69	PPMV	103	PPMV	86	PPMV		0.00	9.14		
1600	24	99	1403	161											
2000	24	98	1400	162											
4/12															
0800	24	102	1403	158	63	PPMV	114	PPMV	79	PPMV					
1200	24	101	1400	155											
1600	24	99	1402	150											
2000	24	103	1403	153											
4/13															
0800	24	103	1400	147	70	PPMV	116	PPMV	83	PPMV	OPEN	19'	OPEN	22'	
1200	17	248	1405	274								0.9	10.03		
1600	17	246	1402	271								OPEN	24		
2000	17	243	1403	269								110	PPMV		
4/14															
0800	17	248	1406	265	69	PPMV	113	PPMV	80	PPMV	195	PPMV	229	PPMV	
1200	17	245	1403	259											
1600	17	2	1400	257											
2000	17	247	1403	253											

Comments: 9-13-07 TOOK E-7 VAPOR SAMPLE @ 1030.

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 4/15/2007

Page 6 of 17

Client: **CALIFORNIA LINEN**

Operator (s): JASON

					Well#1: E-4	Well#2: E-8	Well #3: E-9	Well #4: E-6	Well #5: MW-1	Well #6: J-1	Well #7: E-7	Well #8:			
Initial Depth to Groundwater/FP					13.02	10.26	13.91	7.94	8.09		8.95				
Screen Interval										AIR SPARGE					
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
4/15					OPEN 30'	OPEN 33'	OPEN 34'	OPEN 19'	OPEN 22'			OPEN 24'			
0800	17	250	1401	250	65 PPMV	114 PPMV	78 PPMV	190 PPMV	225 PPMV			112 PPMV			
1200	17	245	1403	247											
1600	17	243	1404	244											
2000	17	241	1400	242											
4/16															
0800	17	244	1406	249	68 PPMV	109 PPMV	82 PPMV	194 PPMV	227 PPMV			118 PPMV			
1200	17	240	1410	246											
1600	17	248	1410	242											
2000	17	241	1404	250											
4/17															
0800	17	248	1407	253	61 PPMV	118 PPMV	73 PPMV	187 PPMV	220 PPMV			109 PPMV			
1200	17	243	1409	249											
1600	17	240	1400	250											
2000	17	250	1402	246											
4/18															
0800	17	242	1400	249	69 PPMV	107 PPMV	75 PPMV	198 PPMV	225 PPMV			112 PPMV			
1200	17	254	1403	252											
1600	17	258	1408	255											
2000	17	255	1405	257											

Comments:

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# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**  
 Client: **CALIFORNIA LINEN**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 4/19/2007

Page 7 of 17

Operator (s): JASON

					Well #1: E-4	Well #2: E-8	Well #3: E-9	Well #4: E-6	Well #5: MW-1	Well #6: I-1	Well #7: E-7	Well #8:						
Initial Depth to Groundwater/FP					13.02	10.26	13.91	7.94	8.09		8.95							
Screen Interval										AIR SPARGE								
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)			Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)		
4/19					OPEN	30'	OPEN	33'	OPEN	34'	OPEN	22'			OPEN	24'		
0800	17	249	1401	244	59	PPMV	111	PPMV	70	PPMV	192	PPMV	216	PPMV			107	PPMV
1200	17	252	1400	253														
1600	17	255	1404	250														
2000	17	258	1407	255														
4/20																		
0800	17	250	1402	252	62	PPMV	109	PPMV	76	PPMV	194	PPMV	223	PPMV			114	PPMV
1200	17	253	1406	255														
1600	17	255	1400	249														
2000	17	251	1400	254														
4/21																		
0800	17	254	1402	250	57	PPMV	115	PPMV	67	PPMV	190	PPMV	220	PPMV			109	PPMV
1200	17	250	1407	247														
1600	17	249	1406	245														
2000	17	246	1409	243														
4/22																		
0800	17	255	1400	252	63	PPMV	106	PPMV	70	PPMV	185	PPMV	226	PPMV			112	PPMV
1200	17	253	1406	249														
1600	17	249	1402	247														
2000	17	247	1400	246														

Comments:

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# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 4/23/2007

Page 8 of 17

Client: **CALIFORNIA LINEN**

Operator (s): JASON

					Well #1: E-4	Well #2: E-8	Well #3: E-9	Well #4: E-6	Well #5: MW-1	Well #6: I-1	Well #7: E-7	Well #8:								
Initial Depth to Groundwater/FP					13.02	10.26	13.91	7.94	8.09		8.95									
Screen Interval										AIR SPARGE										
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)	Stinger Depth (feet)	Stinger Depth (feet)	Stinger Depth (feet)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)					
4/23					OPEN	30'	OPEN	33'	OPEN	34'	OPEN	19'	OPEN	22'			OPEN	24'		
0800	17	257	1401	255	55	PPMV	112	PPMV	63	PPMV	191	PPMV	222	PPMV			106	PPMV		
1200	17	254	1400	253																
1600	17	250	1405	250																
2000	17	245	1403	248																
4/24																				
0800	17	256	1400	257	58	PPMV	110	PPMV	67	PPMV	186	PPMV	230	PPMV			114	PPMV		
1200	17	253	1404	254																
1600	17	250	1400	246																
2000	18	165	1406	395	CLOSED				CLOSED											
4/25																				
0800	18	175	1403	394			253	PPMV		310	PPMV	370	PPMV				246	PPMV		
1200	18	171	1401	390																
1600	18	169	1405	392																
2000	18	166	1400	387																
4/26																				
0800	18	174	1405	392			248	PPMV		313	PPMV	365	PPMV				248	PPMV		
1200	18	172	1406	390																
1600	18	171	1400	389																
2000	18	168	1401	385																

Comments: 4/24- CLOSED E-4 @ 1840 (40 PPMV) CLOSED E-9 @ 1845 (51 PPMV) TOOK VAPOR SAMPLE OF E-4 @ 1840, TOOK VAPOR SAMPLE OF E-9 @ 1845

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

**CALCLEAN INC.**

(714) 734-9137

Project Location: **989 41ST STREET**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 4/27/2007

Page 9 of 17

Client: **CALIFORNIA LINEN**

Operator (s): JASON

					Well #1: E-8	Well #2: E-6	Well #3: MW-1	Well #4: I-1	Well #5: E-7	Well #6:	Well #7:	Well #8:			
Initial Depth to Groundwater/FP					10.26	7.94	8.09		8.95						
Screen Interval								AIR SCARPE							
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
4/27					OPEN	33'	OPEN	19'	OPEN	22'		OPEN	24'		
0800	18	176	1400	397	250	PPMV	309	PPMV	369	PPMV		245	PPMV		
1200	18	171	1400	393											
1600	18	170	1402	391											
2000	18	166	1405	388											
4/28															
0800	18	177	1400	396	245	PPMV	315	PPMV	363	PPMV		250	PPMV		
1200	18	175	1400	394											
1600	18	173	1405	388											
2000	18	169	1401	385											
4/29															
0800	18	179	1403	395	248	PPMV	308	PPMV	365	PPMV		246	PPMV		
1200	18	178	1406	392											
1600	18	172	1401	387											
2000	18	166	1400	384											
4/30															
0800	18	175	1400	398	244	PPMV	311	PPMV	362	PPMV		254	PPMV		
1200	18	173	1403	396											
1600	18	171	1400	395											
2000	18	165	1407	391											

Comments:

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# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.  
(714) 734-9137

Project Location: **989 41ST STREET**  
Client: **CALIFORNIA LINEN**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 5/1/2007

Page 10 of 17

Operator (s): JASON

					Well #1: E-8	Well #2: E-6	Well #3: MW-1	Well #4: I-1	Well #5: E-7	Well #6:	Well #7:	Well #8:				
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AIR SPARSE	8.95							
Screen Interval																
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)			Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/1					OPEN	33'	OPEN	19'	OPEN	22'			OPEN	24'		
0800	18	177	1405	396	250	PPMV	305	PPMV	368	PPMV			247	PPMV		
1200	18	172	1406	393												
1600	18	168	1400	389												
2000	18	164	1402	385												
5/2																
0800	18	174	1404	392	248	PPMV	309	PPMV	360	PPMV			251	PPMV		
1200	18	170	1400	388												
1600	18	165	1402	384												
2000	18	161	1400	381												
5/3																
0800	18	175	1400	397	253	PPMV	307	PPMV	366	PPMV			245	PPMV		
1200	18	173	1401	395												
1600	18	170	1400	390												
2000	18	168	1400	384												
5/4																
0800	18	178	1402	395	250	PPMV	310	PPMV	358	PPMV			249	PPMV		
1200	18	176	1408	390												
1600	18	172	1405	385												
2000	18	166	1402	380												

Comments: 5/3- TOOK COMBINED VAPOR SAMPLE @ 0855 (394 PPMV) TOOK VAPOR SAMPLE OF E-7 @ 0900 (243 PPMV) TOOK VAPOR SAMPLE OF E-8 @ 0905 (250 PPMV) TOOK VAPOR SAMPLE OF E-6 @ 0910 (300 PPMV) TOOK VAPOR SAMPLE OF MW-1 @ 0915 (365 PPMV)

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**  
Client: **CALIFORNIA LINEN**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 5/5/2007

Page 11 of 17

Operator (s): JASON

					Well#1: E-8	Well#2: E-6	Well #3: MW-1	Well #4: I-1	Well #5: E-7	Well #6:	Well #7:	Well #8:				
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AIR SPARGE	8.95							
Screen Interval																
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)			Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/5					OPEN	33'	OPEN	19'	OPEN	22'			OPEN	24'		
0800	18	177	1400	399	256	PPMV	305	PPMV	366	PPMV			247	PPMV		
1200	18	173	1402	396												
1600	18	170	1408	387												
2000	18	167	1404	383												
5/6																
0800	18	179	1407	394	248	PPMV	314	PPMV	360	PPMV			251	PPMV		
1200	18	176	1409	389												
1600	18	171	1403	383												
2000	18	166	1400	380												
5/7																
0800	18	177	1405	396	252	PPMV	307	PPMV	369	PPMV			246	PPMV		
1200	18	175	1400	390												
1600	18	172	1400	384												
2000	18	164	1402	380												
5/8																
0800	18	174	1401	392	244	PPMV	318	PPMV	362	PPMV			253	PPMV		
1200	18	168	1403	387												
1600	18	165	1400	386												
2000	18	162	1404	382												

Comments:

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

**CALCLEAN INC.**  
(714) 734-9137

Project Location: **989 41ST STREET**  
Client: **CALIFORNIA LINEN**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 5/9/2007

Page 12 of 17

Operator (s): JASON

					Well #1: E-8	Well #2: E-6	Well #3: MW-1	Well #4: I-1	Well #5: E-7	Well #6:	Well #7:	Well #8:				
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AIR SAMPLE	8.95							
Screen Interval																
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)			Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/9					OPEN	33'	OPEN	19'	OPEN	22'			OPEN	24'		
0800	18	178	1400	398	250	PPMV	315	PPMV	372	PPMV			250	PPMV		
1200	18	173	1406	395												
1600	18	168	1409	387												
2000	18	163	1404	381												
5/10																
0800	18	176	1410	399	247	PPMV	321	PPMV	368	PPMV			257	PPMV		
1200	18	171	1405	394												
1600	18	169	1402	393												
2000	18	165	1401	390												
5/11																
0800	18	177	1405	391	249	PPMV	316	PPMV	373	PPMV			255	PPMV		
1200	18	174	1401	389												
1600	18	170	1408	388												
2000	18	168	1400	387												
5/12																
0800	18	175	1403	388	245	PPMV	319	PPMV	371	PPMV			260	PPMV		
1200	18	170	1407	386												
1600	18	167	1402	385												
2000	18	163	1400	384												

Comments:



# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Date: 5/13/2007

Page 13 of 17

Client: CALIFORNIA LINEN

Operator (s): JASON

					Well#1: E-8	Well#2: E-6	Well #3: MW-1	Well #4: ±-1	Well #5: E-7	Well #6:	Well #7:	Well #8:				
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AIR SPARGE	8.95							
Screen Interval																
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)			Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/13					OPEN	33'	OPEN	19'	OPEN	22'			OPEN	24'		
0800	18	172	1400	385	247	PPMV	316	PPMV	370	PPMV			251	PPMV		
1200	18	170	1402	383												
1600	18	166	1403	382												
2000	18	164	1405	381												
5/14																
0800	18	173	1400	382	241	PPMV	317	PPMV	368	PPMV			254	PPMV		
1200	18	170	1406	380												
1600	18	166	1405	379												
2000	18	162	1409	378												
5/15																
0800	18	174	1402	379	243	PPMV	314	PPMV	364	PPMV			252	PPMV		
1200	18	172	1400	377												
1600	18	169	1405	376												
2000	18	167	1404	375												
5/16																
0800	18	172	1406	376	240	PPMV	318	PPMV	360	PPMV			254	PPMV		
1200	18	170	1400	373												
1600	18	167	1401	372												
2000	18	165	1405	371												

Comments: 5/13-TOOK VAPOR SAMPLE OF E-7 @ 0740 (251 PPMV) TOOK VAPOR SAMPLE OF E-8 @ 0745 (247 PPMV) TOOK VAPOR SAMPLE OF E-6 @ 0750 (316 PPMV) TOOK VAPOR SAMPLE OF MW-1 @ 0755 (370 PPMV) TOOK TWO COMBINED VAPOR SAMPLES @ 0800 (385 PPMV)

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 5/17/2007

Page 14 of 17

Client: **CALIFORNIA LINEN**

Operator (s): JASON

					Well#1: E-8	Well#2: E-6	Well #3: MW-1	Well #4: I-1	Well #5: E-7	Well #6:	Well #7:	Well #8:			
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AIR SPARGE	8.95						
Screen Interval															
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/17					OPEN 33'	OPEN 19'	OPEN 22'			OPEN 24'					
0800	18	175	1400	370	238 PPMV	315 PPMV	356 PPMV			251 PPMV					
1200	18	171	1409	368											
1600	18	168	1407	367											
2000	18	165	1402	365											
5/18															
0800	18	174	1401	364	240 PPMV	311 PPMV	353 PPMV			254 PPMV					
1200	18	172	1404	362											
1600	18	166	1407	361											
2000	18	163	1402	359											
5/19															
0800	18	171	1400	360	243 PPMV	309 PPMV	347 PPMV			253 PPMV					
1200	18	169	1403	358											
1600	18	161	1405	357											
2000	18	160	1401	356											
5/20															
0800	18	165	1402	357	240 PPMV	310 PPMV	342 PPMV			251 PPMV					
1200	18	163	1404	355											
1600	18	161	1400	354											
2000	18	159	1407	353											

Comments:

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# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 5/21/2007

Page 15 of 17

Client: **CALIFORNIA LINEN**

Operator (s): JASON

					Well#1: E-8	Well#2: E-6	Well #3: MW-1	Well #4: I-1	Well #5: E-7	Well #6:	Well #7:	Well #8:			
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AR SPARSE	8.95						
Screen Interval															
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/21					OPEN 33'	OPEN 19'	OPEN 22'								
0800	18	164	1400	352	241 PPMV	307 PPMV	340 PPMV			253 PPMV					
1200	18	162	1405	350											
1600	18	161	1410	349											
2000	18	160	1407	348											
5/22															
0800	18	165	1405	347	243 PPMV	304 PPMV	335 PPMV			250 PPMV					
1200	18	163	1404	345											
1600	18	161	1401	344											
2000	18	158	1408	343											
5/23															
0800	18	166	1404	343	239 PPMV	305 PPMV	328 PPMV			251 PPMV					
1200	18	164	1407	341											
1600	18	162	1405	340											
2000	18	161	1402	339											
5/24															
0800	18	165	1401	340	240 PPMV	302 PPMV	326 PPMV			248 PPMV					
1200	18	163	1400	338											
1600	18	161	1403	337											
2000	18	158	1405	335											

Comments: 5/23- TOOK TWO COMBINED VAPOR SAMPLES @ 0720 (343 PPMV) TOOK VAPOR SAMPLE OF E-8 @ 0725 (239 PPMV) TOOK VAPOR SAMPLE OF E-6 @ 0730 (305 PPMV) TOOK VAPOR SAMPLE OF MW-1 @ 0735 (328 PPMV) TOOK VAPOR SAMPLE OF E-7 @ 0740 (251 PPMV) E-8-VAC 23, FLOW 35; E-6-VAC 21, FLOW 45; MW-1 VAC 21, FLOW 55; E-7-VAC 22, FLOW 32

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Date: 5/25/2007

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Client: CALIFORNIA LINEN

Operator (s): JASON

					Well #1: E-8	Well #2: E-6	Well #3: MW-1	Well #4: E-1	Well #5: E-7	Well #6:	Well #7:	Well #8:			
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AIR SPARGE	8.95						
Screen Interval															
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)	Stinger Depth (feet)	Stinger Depth (feet)				Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/25					OPEN 33'	OPEN 19'	OPEN 22'			OPEN 24'					
0800	18	166	1401	335	238 PPMV	303 PPMV	324 PPMV			250 PPMV					
1200	18	163	1406	333											
1600	18	161	1404	332											
2000	18	160	1402	330											
5/26															
0800	18	164	1405	330	236 PPMV	300 PPMV	319 PPMV			249 PPMV					
1200	18	162	1407	329											
1600	18	160	1403	328											
2000	18	158	1400	326											
5/27															
0800	18	165	1409	325	237 PPMV	299 PPMV	316 PPMV			246 PPMV					
1200	18	164	1404	323											
1600	18	161	1401	322											
2000	18	159	1400	321											
5/28															
0800	18	163	1402	322	235 PPMV	296 PPMV	311 PPMV			245 PPMV					
1200	18	160	1400	320											
1600	18	158	1409	319											
2000	18	157	1403	318											

Comments:

# HIGH VACUUM DUAL PHASE EXTRACTION SYSTEM FIELD DATA SHEET

CALCLEAN INC.

(714) 734-9137

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Date: 5/29/2007

Page 17 of 17

Client: CALIFORNIA LINEN

Operator (s): JASON

					Well #1: E-8	Well #2: E-6	Well #3: MW-1	Well #4: I-1	Well #5: E-7	Well #6:	Well #7:	Well #8:				
Initial Depth to Groundwater/FP					10.26	7.94	8.09	AIR SPARGE	8.95							
Screen Interval																
Time	Unit Vacuum ("Hg.)	Total Flowrate (scfm)	TOX Temp. (degF)	TOX Inlet Conc. (ppmv)		Stinger Depth (feet)		Stinger Depth (feet)			Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)	Vacuum "H <sub>2</sub> O	DTW (ft)
5/29					OPEN	33'	OPEN	19'	OPEN	22'			OPEN	24'		
0800	18	165	1401	317	233	PPMV	294	PPMV	306	PPMV			243	PPMV		
1200	18	163	1400	315												
1600	18	161	1405	314												
2000	18	159	1402	313												
5/30																
0800	18	164	1405	314	232	PPMV	291	PPMV	303	PPMV			241	PPMV		
1200	18	163	1401	312												
1600	18	161	1408	311												
2000	18	158	1404	310												
5/31																
0800	18	165	1400	309	230	PPMV	288	PPMV	300	PPMV			240	PPMV		

Comments: 5/30 - TOOK COMBINED VAPOR SAMPLE @ 1600 (311 PPMV) TOOK VAPOR SAMPLE OF E-8 @ 1605 (231 PPMV) TOOK VAPOR SAMPLE OF E-6 @ 1610 (289 PPMV) TOOK VAPOR SAMPLE OF MW-1 @ 1615 (301 PPMV) TOOK VAPOR SAMPLE OF E-7 @ 1620 (238 PPMV)



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

CALCLEAN INC.

(714) 734-9137

Project Location: **989 41ST STREET**

City: **OAKLAND**

Site #: **CALIFORNIA LINEN**

Date: 5/3 / 2006-  
2007

Page 2 of 2

Client: **CALIFORNIA LINEN**

Operator (s): JASON

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.
5/3	0800	448090	14190	310	5/13	0800	452100	18200	310	5/23	0800	455440	21540	330
	2000	448290	14390	290		2000	452260	18360	330		2000	455540	21640	210
5/4	0800	448470	14570	380	5/14	0800	452400	18500	300	5/24	0800	455770	21870	330
	2000	448670	14770	380		2000	452540	18640	280		2000	455900	22000	360
5/5	0800	448880	14980	410	5/15	0800	452780	18880	380	5/25	0800	455950	22050	180
	2000	448980	15080	310		2000	452890	18990	350		2000	456120	22220	220
5/6	0800	449090	15190	210	5/16	0800	453120	19220	340	5/26	0800	456320	22420	370
	2000	449950	16050	970		2000	453240	19340	350		2000	456490	22590	370
5/7	0800	449950	16050	860	5/17	0800	453370	19470	250	5/27	0800	456660	22760	340
	2000	450210	16310	260		2000	453570	19670	330		2000	456830	22930	340
5/8	0800	450290	16390	340	5/18	0800	453680	19780	310	5/28	0800	456960	23060	300
	2000	450480	16580	270		2000	453850	19950	280		2000	457050	23150	220
5/9	0800	450660	16760	370	5/19	0800	454030	20130	350	5/29	0800	457160	23260	200
	2000	450790	16890	310		2000	454150	20250	300		2000	457320	23420	270
5/10	0800	451000	17100	340	5/20	0800	454250	20350	220	5/30	0800	457460	23560	300
	2000	451180	17280	390		2000	454350	20450	200		2000	458080	24180	760
5/11	0800	451370	17470	370	5/21	0800	454470	20570	220	5/31	0800	458080	24180	620
	2000	451510	17610	330		2000	455110	21210	760		0855	458420	24520	
5/12	0800	451790	17890	420	5/22	0800	455110	21210	640					
	2000	451930	18030	420		2000	455330	21430	220					

## **APPENDIX B**

**JUNE 8 THROUGH AUGUST 7, 2007  
SOIL VAPOR EXTRACTION AIR SAMPLE  
LABORATORY REPORTS AND  
CHAIN OF CUSTODY DOCUMENTATION**



TABLE 1  
SUMMARY OF AIR SAMPLE RESULTS FROM INDIVIDUAL WELLS  
(Samples Collected from October 12 to July 24, 2007)

<u>Lab Request No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Total 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
<b>0707586</b>	<b>MW1</b>	<b>7/24/07</b>	<b>ND&lt;0.025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.0025</b>
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

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&lt;X = Not Detected at a concentration above the laboratory reporting limit X.

Vppb = Parts per billion by volume.

Results are in parts per million by volume (Vppm), unless otherwise indicated

TABLE 1 (Continued)  
 SUMMARY OF AIR SAMPLE RESULTS FROM INDIVIDUAL WELLS  
 (Samples Collected from October 12 to July 24, 2007)

<u>Lab Order No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Total Xylenes</u>	<u>MTBE</u>
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&lt;X = Not Detected at a concentration above the laboratory reporting limit X.

Vppb = Parts per billion by volume.

Results are in parts per million by volume (Vppm), unless otherwise indicated.

TABLE 1(Continued)  
SUMMARY OF AIR SAMPLE RESULTS FROM INDIVIDUAL WELLS  
(Samples Collected from October 12 to July 24, 2007)

<u>Lab Order No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Total Xylenes</u>	<u>MTBE</u>
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&lt;X = Not Detected at a concentration above the laboratory reporting limit X.

Vppb = Parts per billion by volume.

Results are in parts per million by volume (Vppm), unless otherwise indicated.

TABLE 1 (Continued)  
 SUMMARY OF COMBINED AIR SAMPLE RESULTS  
 (Samples Collected from October 12 to July 24, 2007)

<u>Lab Order No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Total Xylenes</u>	<u>MTBE</u>
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
<b>0707586</b>	<b>E6</b>	<b>7/24/07</b>	<b>ND&lt;0.025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.0025</b>
178316	E-7	10/13/06	344	0.44	3.0	1.2	3.6	2.4
<b>0707586</b>	<b>E7</b>	<b>7/24/07</b>	<b>ND&lt;0.025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.0025</b>
<b>0707586</b>	<b>E8</b>	<b>7/24/07</b>	<b>ND&lt;0.025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.0025</b>
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.

Results are in parts per million by volume (Vppm), unless otherwise indicated.

TABLE 1 (Continued)  
 SUMMARY OF COMBINED AIR SAMPLE RESULTS  
 (Samples Collected from October 12 to July 24, 2007)

<u>Lab Order No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Total Xylenes</u>	<u>MTBE</u>
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.

Results are in parts per million by volume (Vppm), unless otherwise indicated.

TABLE 1 (Continued)  
 SUMMARY OF COMBINED AIR SAMPLE RESULTS  
 (Samples Collected from October 12 to July 24, 2007)

<u>Lab Order No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Total Xylenes</u>	<u>MTBE</u>
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.

Results are in parts per million by volume (Vppm), unless otherwise indicated.

TABLE 1(Continued)  
 SUMMARY OF COMBINED AIR SAMPLE RESULTS  
 (Samples Collected by Cal Clean, Inc. from October 12 to November 17, 2006)

<u>Lab Order No.</u>	<u>Sample No.</u>	<u>Date</u>	<u>TPH-G</u>	<u>Benzene</u>	<u>Toluene</u>	<u>Ethylbenzene</u>	<u>Total Xylenes</u>	<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
<b>0707242</b>	<b>Influent</b>	<b>7/11/07</b>	<b>0.053</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.00025</b>	<b>ND&lt;0.0025</b>

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.

Results are in parts per million by volume (Vppm), unless otherwise indicated.



**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 07/11/07
		Date Received: 07/12/07
	Client Contact: Paul King	Date Reported: 07/16/07
	Client P.O.:	Date Completed: 07/16/07

**WorkOrder: 0707242**

July 16, 2007

Dear Paul:

Enclosed are:

- 1). the results of 2 analyzed samples from your **#0304; California Linen project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager





RGA Environmental, Inc.  
1466 - 66<sup>th</sup> St  
Emeryville, CA 94608  
510-658-4363  
510-834-0152 fax  
paul.king@rgaenv.com

0707242

RGAE


# RUSH

## CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

PROJECT NUMBER: sic 0304 0304				PROJECT NAME: California Linen				NUMBER OF CONTAINERS	ANALYSIS(ES): TPH 6 (8015) BTEXIMTBE (8021)		PRESERVATIVE	REMARKS	
SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack <i>Steve Carmack</i>													
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION									
Influent	7/11/07	1610	AIR					X	X	NONE	Normal 72 hr Turnaround Time		
Effluent	↓	1605	AIR					X	X	↓			
CE 12/20 ✓ GOOD CONDITION <input checked="" type="checkbox"/> HEAD SPACE ABSENT <input checked="" type="checkbox"/> DECONTAMINATED IN LAB <input checked="" type="checkbox"/> PRESERVATION <input type="checkbox"/>						APPROPRIATE CONTAINERS <input checked="" type="checkbox"/> PRESERVED IN LAB <input type="checkbox"/> VCAS   O&G   METALS   OTHER <input type="checkbox"/>							
RELINQUISHED BY: (SIGNATURE) <i>Steve Carmack</i>			DATE 7/12/07	TIME 1600	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>			TOTAL NO. OF SAMPLES (THIS SHIPMENT) 2	LABORATORY: McCampbell Analytical, Inc				
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>			DATE 7/12/07	TIME 530	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>			TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 2	LABORATORY CONTACT: Angela Rydelius				
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>			DATE 7/12/07	TIME 	RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>			LABORATORY PHONE NUMBER: (877) 252-9262					
SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (X) NO						REMARKS: Please report results in ppmv and mg/L							

# McC Campbell Analytical, Inc.


 1534 Willow Pass Rd  
 Pittsburg, CA 94565-1701  
 (925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707242

ClientID: RGAE

EDF   
  Excel   
  Fax   
 Email   
 HardCopy   
 ThirdParty

Report to:		Bill to:	Requested TAT: <b>3 days</b>
Paul King	Email: paul.king@rgaenv.com; pdking0000@a	Lisa Devito	
RGA Environmental	TEL: (510) 547-777 FAX: (510) 547-198	RGA Environmental	<i>Date Received</i> 07/12/2007
1466 66th Street	ProjectNo: #0304; California Linen	1466 66th Street	<i>Date Printed:</i> 07/12/2007
Emeryville, CA 94608	PO:	Emeryville, CA 94608	
		lisa.devito@rgaenv.com	

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0707242-001	Influent	Air	7/11/2007 4:10:00	<input type="checkbox"/>	A												
0707242-002	Effluent	Air	7/11/2007 4:05:00	<input type="checkbox"/>	A												

**Test Legend:**

1	G-MBTEX AIR	2		3		4		5	
6		7		8		9		10	
11		12							

**Prepared by: Chloe Lam**

**Comments:**

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



**Sample Receipt Checklist**

Client Name: **RGA Environmental**

Date and Time Received: **7/12/2007 3:50:01 PM**

Project Name: **#0304; California Linen**

Checklist completed and reviewed by: **Chloe Lam**

WorkOrder N°: **0707242** Matrix Air

Carrier: Rob Pringle (MAI Courier)

**Chain of Custody (COC) Information**

- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Sample IDs noted by Client on COC? Yes  No
- Date and Time of collection noted by Client on COC? Yes  No
- Sampler's name noted on COC? Yes  No

**Sample Receipt Information**

- Custody seals intact on shipping container/cooler? Yes  No  NA
- Shipping container/cooler in good condition? Yes  No
- Samples in proper containers/bottles? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No

**Sample Preservation and Hold Time (HT) Information**

- All samples received within holding time? Yes  No
- Container/Temp Blank temperature Cooler Temp: 24.2°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes  No  No VOA vials submitted
- Sample labels checked for correct preservation? Yes  No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes  No  NA

Client contacted:

Date contacted:

Contacted by:

Comments:



# McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
 Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
 Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  
 1466 66th Street  
 Emeryville, CA 94608

Client Project ID: #0304; California Linen  
 Client Contact: Paul King  
 Client P.O.:

Date Sampled: 07/11/07  
 Date Received: 07/12/07  
 Date Extracted: 07/13/07  
 Date Analyzed: 07/13/07

## Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE\*

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707242

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	Influent	A	53,m	ND	ND	ND	ND	ND	1	95
002A	Effluent	A	ND	ND	ND	ND	ND	ND	1	93

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	A	25	2.5	0.25	0.25	0.25	0.25	0.25	1	µg/L
	S	NA	NA	NA	NA	NA	NA	NA	1	mg/Kg

\* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.



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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304; California Linen	Date Sampled: 07/11/07
	Client Contact: Paul King	Date Received: 07/12/07
	Client P.O.:	Date Analyzed: 07/13/07
		Date Extracted: 07/13/07

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with MTBE and BTEX in ppmv\*

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707242

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	Influent	A	15,m	ND	ND	ND	ND	ND	1	95
002A	Effluent	A	ND	ND	ND	ND	ND	ND	1	93

ppm (mg/L) to ppmv (ul/L) conversion for TPH(g) assumes the molecular weight of gasoline to be equal to that of hexane.

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	A	7.0	0.68	0.077	0.065	0.057	0.057	1	uL/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

\* vapor samples are reported in µL/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L, water samples and all TCLP & SPLP extracts are reported in µg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.



### QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Air

QC Matrix: Water

WorkOrder 0707242

Analyte	EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 29289			Spiked Sample ID: 0707243-001A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) <sup>£</sup>	ND	60	99.4	101	1.73	104	95.9	8.40	70 - 130	30	70 - 130	30
MTBE	ND	10	98.8	93.9	5.16	93.3	96.2	3.11	70 - 130	30	70 - 130	30
Benzene	ND	10	96.4	94.1	2.33	96.1	99.2	3.15	70 - 130	30	70 - 130	30
Toluene	ND	10	95.9	94	1.91	101	98.9	1.60	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	95.1	95.7	0.677	97.6	97.3	0.268	70 - 130	30	70 - 130	30
Xylenes	ND	30	87	90.3	3.76	87.7	87	0.763	70 - 130	30	70 - 130	30
%SS:	101	10	108	105	2.34	109	111	1.73	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

#### BATCH 29289 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707242-001A	07/11/07 4:10 PM	07/13/07	07/13/07 5:29 PM	0707242-002A	07/11/07 4:05 PM	07/13/07	07/13/07 12:18 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.



**McC Campbell Analytical, Inc.**

"When Quality Counts"

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Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: # CLR17123 0304; California Linen	Date Sampled: 07/24/07
		Date Received: 07/25/07
	Client Contact: Paul King	Date Reported: 08/01/07
	Client P.O.:	Date Completed: 08/01/07

**WorkOrder: 0707586**

August 01, 2007

Dear Paul:

Enclosed are:

- 1). the results of **4** analyzed samples from your **# CLR17123 0304; California Linen project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



RGA Environmental, Inc.  
 1466 - 66<sup>th</sup> St  
 Emeryville, CA 94608  
 510-658-4363  
 510-834-0152 fax  
 paul.king@rgaenv.com

0707586

RGA

# CHAIN OF CUSTODY RECORD

PROJECT NUMBER: CLR 17123 0304			PROJECT NAME: California Linen		NUMBER OF CONTAINERS	ANALYSIS(ES):				PRESERVATIVE	REMARKS	
SAMPLED BY: (PRINTED AND SIGNATURE) Steve Carmack <i>[Signature]</i>						TPH-G (8015)	BTEX/MTHA (8021)					
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION								
E6	7/24/07	1710	AIR		1	X	X				Normal Turnaround Time	
E7		1707			1	X	X				" " "	
E8		1658			1	X	X				" " "	
MW1		1715			1	X	X				" " "	
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>					DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>			TOTAL NO. OF SAMPLES (THIS SHIPMENT)	4	LABORATORY: McCampbell Analytical
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>					DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>			TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	4	
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>					DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i>			LABORATORY CONTACT: Angela Rydelius		
								LABORATORY PHONE NUMBER: (877) 252-9262			SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (X) NO	

Lab Report + Invoice to paul.king@rgaenv.com  
 + Invoice also to lisa.davito@rgaenv.com

REMARKS: Please report results in ppmV and mg/L.



# McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 0707586

ClientID: RGAE

EDF   
  Excel   
  Fax   
  Email   
  HardCopy   
  ThirdParty

**Report to:**

Paul King  
RGA Environmental  
1466 66th Street  
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@a  
TEL: (510) 547-777 FAX: (510) 547-198  
ProjectNo: # CLR17123 0304; California Linen  
PO:

**Bill to**

Lisa Devito  
RGA Environmental  
1466 66th Street  
Emeryville, CA 94608  
lisa.devito@rgaenv.com

**Requested TAT: 5 days**

*Date Received 07/25/2007*

*Date Printed: 07/25/2007*

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0707586-001	E6	Air	7/24/07 5:10:00	<input type="checkbox"/>	A												
0707586-002	E7	Air	7/24/07 5:07:00	<input type="checkbox"/>	A												
0707586-003	E8	Air	7/24/07 4:58:00	<input type="checkbox"/>	A												
0707586-004	MW1	Air	7/24/07 5:15:00	<input type="checkbox"/>	A												

**Test Legend:**

1	G-MBTEX AIR	2		3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A, 003A, 004A contain testgroup.

**Prepared by: Chloe Lam**

**Comments:** CC invoice to lisa.devito@rgaenv.com

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



**Sample Receipt Checklist**

Client Name: **RGA Environmental**

Date and Time Received: **7/25/07 5:03:46 PM**

Project Name: **# CLR17123 0304; California Linen**

Checklist completed and reviewed by: **Chloe Lam**

WorkOrder N°: **0707586** Matrix Air

Carrier: Rob Pringle (MAI Courier)

**Chain of Custody (COC) Information**

- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Sample IDs noted by Client on COC? Yes  No
- Date and Time of collection noted by Client on COC? Yes  No
- Sampler's name noted on COC? Yes  No

**Sample Receipt Information**

- Custody seals intact on shipping container/cooler? Yes  No  NA
- Shipping container/cooler in good condition? Yes  No
- Samples in proper containers/bottles? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No

**Sample Preservation and Hold Time (HT) Information**

- All samples received within holding time? Yes  No
- Container/Temp Blank temperature Cooler Temp: NA
- Water - VOA vials have zero headspace / no bubbles? Yes  No  No VOA vials submitted
- Sample labels checked for correct preservation? Yes  No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes  No  NA

Client contacted:

Date contacted:

Contacted by:

Comments:



# McC Campbell Analytical, Inc.

"When Quality Counts"

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Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: # CLR17123 0304; California Linen	Date Sampled: 07/24/07
	Client Contact: Paul King	Date Received: 07/25/07
	Client P.O.:	Date Extracted: 07/26/07
		Date Analyzed 07/26/07

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE\*

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707586

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	E6	A	ND	ND	ND	ND	ND	ND	1	92
002A	E7	A	ND	ND	ND	ND	ND	ND	1	93
003A	E8	A	ND	ND	ND	ND	ND	ND	1	92
004A	MW1	A	ND	ND	ND	ND	ND	ND	1	92

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	A	25	2.5	0.25	0.25	0.25	0.25	0.25	1	µg/L
	S	NA	NA	NA	NA	NA	NA	NA	1	mg/Kg

\* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.



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RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: # CLR17123 0304; California Linen	Date Sampled: 07/24/07
	Client Contact: Paul King	Date Received: 07/25/07
	Client P.O.:	Date Analyzed 07/26/07
		Date Extracted: 07/26/07

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with MTBE and BTEX in ppmv\*

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0707586

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	E6	A	ND	ND	ND	ND	ND	ND	1	92
002A	E7	A	ND	ND	ND	ND	ND	ND	1	93
003A	E8	A	ND	ND	ND	ND	ND	ND	1	92
004A	MW1	A	ND	ND	ND	ND	ND	ND	1	92

ppm (mg/L) to ppmv (ul/L) conversion for TPH(g) assumes the molecular weight of gasoline to be equal to that of hexane.

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	A	7.0	0.68	0.077	0.065	0.057	0.057	1	uL/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

\* vapor samples are reported in µL/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L, water samples and all TCLP & SPLP extracts are reported in µg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern.



### QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Air

QC Matrix: Water

WorkOrder 0707586

EPA Method SW8021B/8015Cm	Extraction SW5030B			BatchID: 29561			Spiked Sample ID: 0707591-004A					
	Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) <sup>£</sup>	ND	60	105	85.7	20.3	93.9	95.4	1.61	70 - 130	30	70 - 130	30
MTBE	ND	10	112	102	9.16	106	105	1.05	70 - 130	30	70 - 130	30
Benzene	ND	10	86.5	87.5	1.12	95.7	91.6	4.32	70 - 130	30	70 - 130	30
Toluene	ND	10	87.8	84	4.46	87.7	84.3	3.99	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	93.3	90.3	3.33	96.7	92.7	4.13	70 - 130	30	70 - 130	30
Xylenes	ND	30	92	86.7	5.97	96	91.7	4.62	70 - 130	30	70 - 130	30
%SS:	95	10	99	98	1.40	104	98	5.73	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

#### BATCH 29561 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0707586-001A	07/24/07 5:10 PM	07/26/07	07/26/07 2:22 AM	0707586-002A	07/24/07 5:07 PM	07/26/07	07/26/07 2:54 AM
0707586-003A	07/24/07 4:58 PM	07/26/07	07/26/07 3:27 AM	0707586-004A	07/24/07 5:15 PM	07/26/07	07/26/07 4:00 AM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

## **APPENDIX C**

**MARCH, JULY AND AUGUST 2007  
GROUNDWATER SAMPLING EVENT  
WELL MONITORING AND PURGE DATA SHEETS,  
LABORATORY ANALYTICAL REPORTS  
AND CHAIN OF CUSTODY DOCUMENTATION**

TABLE 1  
SUMMARY OF  
WELL SAMPLE RESULTS – E1, E2, E3, E4, E6, E7, E8, E9, I1, I2, MW1, MW2

Sample No.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
E1	1/11/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E1	10/05/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E1	7/31/07	ND<50	ND<50	ND<250	ND<0.5	0.86	ND<0.5	1.2	ND<5.0
E1-W	03/28/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E1-W	11/1/06	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E2	1/10/08	76	68,b, d	ND<250	<b>1.0</b>	ND<0.5	1.7	2.1	ND<5.0
E2	10/8/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	2.8	ND<5.0
E2	7/31/07	ND<50	<b>160, b,f</b>	<b>790</b>	ND<0.5	1.9	0.71	4.2	ND<5.0
E2-W	3/29/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E2-W	11/1/06	<b>1900,c</b>	<b>1100,b,d,f</b>	<b>1500</b>	0.52	6.9	17	<b>150</b>	ND<5.0
E3	1/11/08	<b>110</b>	<b>110,d</b>	ND<250	0.93	ND<0.5	ND<0.5	0.83	ND<5.0
E3	10/5/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E3	7/31/07	ND<50	ND<50	ND<250	0.51	2.3	ND<0.5	2.3	ND<5.0
E3-W	3/29/07	ND<50	<b>210, b</b>	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E3-W	11/1/06	<b>2600,c</b>	<b>640,d,f</b>	<b>260</b>	ND<1.7	ND<1.7	<b>44</b>	<b>350</b>	ND<17
ESL		100	100	100	1.0	40	30	20	5.0

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

ESL = Environmental Screening Level developed by San Francisco Bay – Regional Water Quality Control Board (SF-RWQCB) updated November 2007, from Table A. Groundwater is a current or potential source of drinking water.

**Values in bold exceed their respective ESL value.**

ND = Not Detected.

a = strongly aged gasoline or diesel range compounds are significant.

b = no recognizable pattern.

c = heavier gasoline range compounds are significant (aged gasoline?)

d = gasoline range compounds are significant.

f = oil range compounds are significant.

i = unmodified or weakly modified gasoline is significant.

Results are in micrograms per Liter (ug/L).

TABLE 1  
SUMMARY OF  
WELL SAMPLE RESULTS – E1, E2, E3, E4, E6, E7, E8, E9, I1, I2, MW1, MW2  
(Continued)

Sample No.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
E4	1/10/08	ND<50	ND<50	ND<250	0.57	ND<0.5	ND<0.5	ND<0.5	ND<0.5
E4	10/5/07	ND<50	ND<50	ND<250	0.92	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E4	8/02/07	ND<50	63, b	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E4-W	4/06/07	<b>11,000</b>	<b>810, d</b>	ND<250	<b>63</b>	ND<1.0	6.0	13	ND<10
E6	1/10/08	91	93,b,d	ND<250	0.88	ND<0.5	0.52	1.1	ND<5.0
E6	10/8/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E6	8/01/07	ND<50	<b>1,400, f</b>	<b>2,400</b>	<b>1.4</b>	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E6-W	3/29/07	<b>160, c</b>	<b>240, b,d</b>	ND<250	ND<0.5	ND<0.5	4.2	8.5	ND<5.0
E6-W	11/1/06	<b>310,g</b>	<b>260,d,f, g</b>	<b>470</b>	<b>4.9</b>	ND<0.5	ND<0.5	6.4	ND<5.0
E7	1/10/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E7	10/5/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E7	8/01/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E7-W	3/28/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E7-W	10/31/06	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
ESL		100	100	100	1.0	40	30	20	5.0

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

ESL = Environmental Screening Level developed by San Francisco Bay – Regional Water Quality Control Board (SF-RWQCB) updated November 2007, from Table A. Groundwater is a current or potential source of drinking water.

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b = no recognizable pattern.

c = heavier gasoline range compounds are significant (aged gasoline?)

d = gasoline range compounds are significant.

f = oil range compounds are significant.

g = liquid sample that contains greater than ~1 vol. % sediment

Results are in micrograms per Liter (ug/L).



**TABLE 1**  
**SUMMARY OF**  
**WELL SAMPLE RESULTS – E1, E2, E3, E4, E6, E7, E8, E9, I1, I2, MW1, MW2**  
**(Continued)**

Sample No.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
E8	1/9/08	<b>690, b,c</b>	<b>240,d</b>	ND<250	<b>1.2</b>	0.67	7.5	<b>68</b>	ND<5.0
E8	10/8/07	<b>400,b,c</b>	81, d	ND<250	<b>1.2</b>	1.3	6.9	<b>58</b>	ND<5.0
E8	8/01/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E8-W	4/06/07	<b>110, c</b>	54, d	ND<250	0.62	ND<0.5	ND<0.5	11	ND<5.0
E9	1/9/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E9	10/8/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E9	8/01/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
E9-W	4/06/07	<b>110, c</b>	62, d	ND<250	ND<0.5	ND<0.5	ND<0.5	5.1	ND<5.0
I1	10/5/07	ND<50	85, b	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
I1	8/01/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
I1-W	11/1/06	ND<50,g	ND<50, g	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
I2		No	Samples						
ESL		100	100	100	1.0	40	30	20	5.0

**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

ESL = Environmental Screening Level developed by San Francisco Bay – Regional Water Quality Control Board (SF-RWQCB) updated November 2007, from Table A. Groundwater is a current or potential source of drinking water.

**Values in bold exceed their respective ESL value.**

ND = Not Detected.

a = strongly aged gasoline or diesel range compounds are significant.

b = no recognizable pattern.

c = heavier gasoline range compounds are significant (aged gasoline?)

d = gasoline range compounds are significant.

f = oil range compounds are significant.

g = liquid sample that contains greater than ~1 vol. % sediment

i = unmodified or weakly modified gasoline is significant.

k = lighter than water immiscible sheen/product is present.

Results are in micrograms per Liter (ug/L).

TABLE 1  
SUMMARY OF  
WELL SAMPLE RESULTS – E1, E2, E3, E4, E6, E7, E8, E9, I1, I2, MW1, MW2  
(Continued)

Sample No.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW1	1/10/08	63	ND<50	ND<250	<b>1.8</b>	ND<0.5	0.79	2.0	ND<5.0
MW1	10/8/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW1	8/01/07	ND<50	<b>230, b, f</b>	<b>500</b>	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW1-W	3/29/07	ND<50	<b>180, b, f</b>	<b>370</b>	0.63	ND<0.5	ND<0.5	0.83	ND<5.0
MW1-W	11/1/06	<b>8500,c</b>	<b>5800,d,f</b>	<b>2600</b>	ND<5.0	30	<b>69</b>	<b>1000</b>	ND<5.0
MW1	4/2/03	<b>24000</b>	NA	NA	ND<0.5	ND<0.5	ND<0.5	0.74	ND<5.0
MW1	03/18/92	<b>77000</b>	<b>14,000</b>	NA	<b>17,000</b>	<b>18000</b>	<b>2300</b>	<b>1300</b>	ND<0.05
MW1	11/21/91	<b>47000</b>	<b>9800</b>	NA	<b>6000</b>	<b>7200</b>	<b>2200</b>	<b>1000</b>	NA
MW1	08/15/91	<b>59000</b>	<b>3500</b>	NA	<b>3800</b>	<b>5500</b>	<b>1100</b>	<b>4800</b>	NA
MW1	06/05/91	<b>23000</b>	<b>560</b>	NA	<b>2000</b>	<b>1200</b>	<b>640</b>	<b>2500</b>	NA
MW1	01/28/91	<b>99000</b>	<b>1700</b>	NA	<b>4400</b>	<b>7400</b>	<b>1800</b>	<b>8600</b>	NA
MW1	10/23/90	<b>50000</b>	<b>1100</b>	NA	<b>3300</b>	<b>4000</b>	<b>4200</b>	<b>4700</b>	NA
MW1	07/25/90	<b>34000</b>	ND	NA	<b>2000</b>	<b>670</b>	<b>120</b>	<b>1500</b>	NA
ESL		100	100	100	1.0	40	30	20	5.0

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

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ND = Not Detected.

NA = Not Analyzed

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c = heavier gasoline range compounds are significant (aged gasoline?)

d = gasoline range compounds are significant.

f = oil range compounds are significant.

g = liquid sample that contains greater than ~1 vol. % sediment

i = unmodified or weakly modified gasoline is significant.

Results are in micrograms per Liter (ug/L).

TABLE 1  
SUMMARY OF  
WELL SAMPLE RESULTS – E1, E2, E3, E4, E6, E7, E8, E9, I1, I2, MW1, MW2  
(Continued)

Sample No.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW1	02/20/90	<b>73000</b>	<b>2200</b>	NA	<b>7500</b>	<b>5900</b>	<b>680</b>	<b>5300</b>	NA
MW1	10/02/89	<b>70000</b>	<b>610</b>	NA	<b>2800</b>	<b>2400</b>	<b>2300</b>	<b>4800</b>	NA
MW2	1/9/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW2	10/5/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW2	7/31/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	0.59	ND<5.0
MW2-W	3/28/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW2-W	11/1/06	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW2	4/2/03	ND<50	NA	NA	<b>4000</b>	<b>1600</b>	<b>2000</b>	<b>1400</b>	ND< <b>50</b>
MW2	03/18/92	ND	ND	NA	ND	1.1	ND	3.3	NA
MW2	11/21/91	ND	ND	NA	ND	ND	ND	ND	NA
MW2	08/15/91	ND	ND	NA	ND	ND	ND	ND	NA
MW2	06/05/91	ND	ND	NA	ND	ND	ND	ND	NA
MW2	01/28/91	ND	ND	NA	ND	ND	ND	ND	NA
ESL		100	100	100	1.0	40	30	20	5.0

**Notes:**

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

TPH-D = Total Petroleum Hydrocarbons as Diesel.

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

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a = strongly aged gasoline or diesel range compounds are significant.

b = no recognizable pattern.

c = heavier gasoline range compounds are significant (aged gasoline?)

d = gasoline range compounds are significant.

f = oil range compounds are significant.

g = liquid sample that contains greater than ~1 vol. % sediment

i = unmodified or weakly modified gasoline is significant.

Results are in micrograms per Liter (ug/L).

**TABLE 1**  
**SUMMARY OF**  
**WELL SAMPLE RESULTS – E1, E2, E3, E4, E6, E7, E8, E9, I1, I2, MW1, MW2**  
**(Continued)**

Sample No.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW2	10/23/90	ND	ND	NA	ND	ND	ND	ND	NA
MW2	07/25/90	ND	ND	NA	ND	ND	ND	ND	NA
MW2	02/20/90	ND	ND	NA	ND	ND	ND	ND	NA
MW2	10/02/89	ND	ND	NA	ND	ND	ND	ND	NA
MW3	02/20/90	ND	ND	NA	ND	ND	ND	ND	NA
MW3	10/02/89	ND	ND	NA	ND	ND	ND	ND	NA
MW4	1/10/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW4	10/5/07	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW4	2/28/07	ND<50	ND<50	ND<250	NA	NA	NA	NA	NA
MW5	1/11/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW5	10/8/07	ND<50, g	ND<50, g	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW5	2/28/07	ND<50, g	ND<50, g	ND<250	NA	NA	NA	NA	NA
ESL		100	100	100	1.0	40	30	20	5.0

**Notes:**

TPH-G = Total Petroleum Hydrocarbons as Gasoline.

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**Values in bold exceed their respective ESL value.**

ND = Not Detected.

NA = Not Analyzed

a = strongly aged gasoline or diesel range compounds are significant.

b = no recognizable pattern.

c = heavier gasoline range compounds are significant (aged gasoline?)

d = gasoline range compounds are significant.

f = oil range compounds are significant.

g = liquid sample that contains greater than ~1 vol. % sediment

i = unmodified or weakly modified gasoline is significant.

Results are in micrograms per Liter (ug/L).

TABLE 1  
SUMMARY OF  
WELL SAMPLE RESULTS – E1, E2, E3, E4, E6, E7, E8, E9, I1, I2, MW1, MW2  
(Continued)

Sample No.	Sample Date	TPH-G	TPH-D	TPH-MO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW6	1/11/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW6	10/8/07	ND<50, g	ND<50,g	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW6	2/28/07	ND<50	<b>140, j</b>	ND<250	NA	NA	NA	NA	NA
MW7	1/10/08	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0
MW7	11/21/07	NA	ND<50	ND<250	NA	NA	NA	NA	NA
ESL		100	100	100	1.0	40	30	20	5.0

Notes:

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TPH-MO = Total Petroleum Hydrocarbons as Motor Oil.

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ND = Not Detected.

NA = Not Analyzed

a = strongly aged gasoline or diesel range compounds are significant.

b = no recognizable pattern.

c = heavier gasoline range compounds are significant (aged gasoline?)

d = gasoline range compounds are significant.

f = oil range compounds are significant.

g = liquid sample that contains greater than ~1 vol. % sediment

i = unmodified or weakly modified gasoline is significant.

j = kerosene/ kerosene range

Results are in micrograms per Liter (ug/L).

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Cal. Liner Rental  
 Job No. 0304  
 TOC to Water (ft.) 9.17  
 Well Depth (ft.) 24.71  
 Well Diameter 4" (0.69)  
 Gal./Casing Vol. 10.1

Well No. E1-W  
 Date 03/28/07  
 Sheen No  
 Free Product Thickness ∅  
 Sample Collection Method Teflon Bailor

3 vol = 30.3

°F

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY <span style="float: right;">µS/cm</span>
1251	3.5	6.82	64.7	340
1254	7.0	6.91	64.4	330
1257	10.5	7.04	64.1	320
1300	14.0	7.08	63.8	330
1303	17.5	7.14	63.7	340
1306	21.0	6.92	62.8	350
1309	24.5	6.85	62.2	360
1312	28.0	6.86	62.0	310
1315	30.5	6.85	62.2	280

NOTES: Purged w/ Honda Pump. No phc odor. No sheen  
Sample time = 1330 hrs

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Rental  
Job No. 0304  
TOC to Water (ft.) 8.18  
Well Depth (ft.) 24.60-  
Well Diameter 4" (0.65)  
Gal./Casing Vol. 10.7 gal

Well No. EZ-W  
Date 3/29/07  
Sheen yes  
Free Product Thickness 0  
Sample Collection Method Teflon bailer

<u>TIME</u>	<u>GAL. PURGED</u>	<u>pH</u>	<u>TEMPERATURE</u>	<u>ELECTRICAL CONDUCTIVITY</u> <u>µs/cm</u>
1013	3.5	6.68	55.3	2,450
1016	7.0	6.78	54.9	720,000
1019	10.5	6.84	55.2	720,000
1022	14.0	6.88	55.9	720,000
1025	17.5	6.91	56.2	720,000
1030	21.0	6.87	55.7	720,000
1035	24.5	6.82	55.7	220,000
1038	28.0	6.83	55.0	220,000
1040	32.1	6.84	54.8	220,000

NOTES: Purged w/ Honda Pump, light sheen; no odor @ end, staying @ basinning  
Sample time ≈ 1100hrs

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Cal. Linen Rental  
 Job No. 0304  
 TOC to Water (ft.) 9.24  
 Well Depth (ft.) 24.67  
 Well Diameter 4" (0.65)  
 Gal./Casing Vol. 10.1  
3 vol = 30.3

Well No. E3-w  
 Date 3/29/07  
 Sheen yes  
 Free Product Thickness Ø  
 Sample Collection Method Totton Bail

TIME	GAL. PURGED	pH	TEMPERATURE <sup>of</sup>	ELECTRICAL CONDUCTIVITY <sup>µs/cm</sup>
1130	3.5	6.69	56.7	>20,000
1133	7.0	6.74	59.3	>20,000
1136	10.5	6.72	58.4	>20,000
1139	14.0	6.74	58.4	>20,000
1142	17.5	6.78	58.4	>20,000
1145	21.0	6.76	58.2	>20,000
1148	24.5	6.76	58.2	>20,000
1159	28.0	6.74	57.6	>20,000
1203	30.3	6.79	58.1	>20,000

NOTES: Purged w/ Honda Pump; light steam; mod-steam, etc  
Sample time => 12:15 hrs



RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Cal. Linen Rental  
 Job No. 0304  
 TOC to Water (ft.) 7.97  
 Well Depth (ft.) 19.86  
 Well Diameter 4" (0.65)  
 Gal./Casing Vol. 7.8

Well No. E6-W  
 Date 3/29/07  
 Sheen No  
 Free Product Thickness 0  
 Sample Collection Method Teflon bailer

3 Vol = 23.4 gal

°F

<u>TIME</u>	<u>GAL. PURGED</u>	<u>pH</u>	<u>TEMPERATURE</u>	<u>ELECTRICAL CONDUCTIVITY</u> <small>µs/cm</small>
0923	2.5	6.11	55.5	380
0926	5.0	6.07	55.1	260
0930	7.5	6.03	56.5	200
0932	10.0	6.07	56.7	210
0934	12.5	6.10	56.9	210
0936	15.0	6.03	57.1	1,210
0938	17.5	5.84	57.0	3,630
0940	20.0	5.73	56.2	3,670
0942	23.4	5.67	55.8	3,650

NOTES: Purged w/ Honda Pump. Mod-Strong odor (doesn't smell like the source)  
No sheen. Sample time => 100 hrs

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Cal Linen Rental  
Job No. 0304  
TOC to Water (ft.) 8.78  
Well Depth (ft.) 24.05  
Well Diameter 4" (0.65)  
Gal./Casing Vol. 10.0

Well No. E7-W  
Date 03/28/07  
Sheen NO  
Free Product Thickness Ø  
Sample Collection Method Teflon Bailor

3 vol = 30 gal

TIME	GAL. PURGED	DH	TEMPERATURE <small>°F</small>	ELECTRICAL CONDUCTIVITY <small>µs/cm</small>
1353	3.5	6.68	58.9	250
1356	7.0	6.73	59.6	420
1359	10.5	6.74	60.4	370
1402	14.0	6.72	60.6	400
1405	17.5	6.70	60.8	420
1414	21.0	6.72	60.3	> 20,000
1417	24.5	6.75	60.0	> 20,000
1420	28.0	6.76	60.0	> 20,000
1423	30.0	6.76	59.7	> 20,000

NOTES: Purged w/ Honda Pump. No sheen or odor. Started turbid brown then cleared up. Sample Time => 1445 JIC  
Lost Dropped bailer <sup>while</sup> waiting for bailer removal Tool IS 1 shrs will setup on MWZ

PURGE07.00

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Cal. Liner Rental  
 Job No. 0304  
 TOC to Water (ft.) \*  
 Well Depth (ft.) \*  
 Well Diameter 2"  
 Gal./Casing Vol. ---

Well No. 11  
 Date 03/28/07  
 Sheen ---  
 Free Product Thickness ---  
 Sample Collection Method ---

<u>TIME</u>	<u>GAL. PURGED</u>	<u>pH</u>	<u>TEMPERATURE</u>	<u>ELECTRICAL CONDUCTIVITY</u>
	<u>* Could not</u>	<u>Monitor, purge, or sample due</u>		
	<u>to cap on</u>	<u>well - could not get off.</u>		

NOTES: No Sample Collected - Well cap would not come off.

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Cal. Liner Rental

Well No. MW1-W

Job No. 0304

Date 3/29/07

TOC to Water (ft.) 7.96

Sheen yes

Well Depth (ft.) 22.12

Free Product Thickness Ø

Well Diameter 4" (0.65)

Sample Collection Method \_\_\_\_\_

Gal./Casing Vol. 9.2 gal

Teflon Bailor

3 Vol = 27.6 gal

<u>TIME</u>	<u>GAL. PURGED</u>	<u>pH</u>	<u>TEMPERATURE</u>	<u>ELECTRICAL CONDUCTIVITY</u>
<u>1239</u>	<u>3.2</u>	<u>6.53</u>	<u>57.5</u>	<u>720,000</u>
<u>1242</u>	<u>6.4</u>	<u>6.67</u>	<u>58.9</u>	<u>720,000</u>
<u>1245</u>	<u>9.8</u>	<u>6.67</u>	<u>59.7</u>	<u>720,000</u>
<u>1248</u>	<u>13.0</u>	<u>6.67</u>	<u>59.0</u>	<u>720,000</u>
<u>1251</u>	<u>16.2</u>	<u>6.68</u>	<u>59.3</u>	<u>720,000</u>
<u>1254</u>	<u>19.4</u>	<u>6.65</u>	<u>58.8</u>	<u>720,000</u>
<u>1257</u>	<u>22.6</u>	<u>6.60</u>	<u>58.1</u>	<u>720,000</u>
<u>1313</u>	<u>25.8</u>	<u>6.66</u>	<u>58.4</u>	<u>720,000</u>
<u>1316</u>	<u>27.6</u>	<u>6.72</u>	<u>59.0</u>	<u>720,000</u>

of \_\_\_\_\_ ELECTRICAL CONDUCTIVITY µs/cm

NOTES: Purged w/ Honda Pump a <sup>very</sup> light sheen; mod odor.  
sample time ⇒ 1340

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Call Linen Rental

Well No. MW2-W

Job No. 0304

Date 3/28/07

TOC to Water (ft.) 9.03

Sheen \_\_\_\_\_

Well Depth (ft.) 22.72

Free Product Thickness 0

Well Diameter 4" (0:65)

Sample Collection Method \_\_\_\_\_

Gal./Casing Vol. 8.9 gal

PE Tubing + check valve

3 vol = 26.7 gal

<u>TIME</u>	<u>GAL. PURGED</u>	<u>pH</u>	<u>TEMPERATURE</u> °F	<u>ELECTRICAL CONDUCTIVITY</u> µs/cm
<u>1533</u>	<u>3.0</u>	<u>6.84</u>	<u>62.6</u>	<u>11,220</u>
<u>1536</u>	<u>6.0</u>	<u>6.76</u>	<u>63.3</u>	<u>10,550</u>
<u>1539</u>	<u>9.0</u>	<u>6.70</u>	<u>63.9</u>	<u>10,040</u>
<u>1542</u>	<u>12.0</u>	<u>6.69</u>	<u>64.2</u>	<u>9,720</u>
<u>1545</u>	<u>15.0</u>	<u>6.67</u>	<u>64.5</u>	<u>9,450</u>
<u>1547</u>	<u>18.0</u>	<u>6.65</u>	<u>64.8</u>	<u>7,540</u>
<u>1549</u>	<u>21.0</u>	<u>6.64</u>	<u>65.8</u>	<u>7,060</u>
<u>1551</u>	<u>24.0</u>	<u>6.62</u>	<u>66.0</u>	<u>6,820</u>
<u>1553</u>	<u>26.7</u>	<u>6.62</u>	<u>66.1</u>	<u>6,440</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

NOTES: Purged w/ Honda Pump. No Sheen, No odor  
Sample time -> 1600

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Liniment Co.  
Job No. 0304  
TOC to Water (ft.) 13.15  
Well Depth (ft.) 29.70  
Well Diameter 4" (0.65)  
Gal./Casing Vol. 10.8

Well No. E4-SK  
Date 04/06/07  
Sheen No  
Free Product Thickness Ø  
Sample Collection Method tether backer

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY	µS/cm
1034	3.5	6.20	61.0 <sup>°C</sup>	6,020	heavy sediment
1039	7.0	6.40	60.1	720,000	cleaning
1044	10.5	6.46	59.9	720,000	but still
1049	14.0	6.49	59.4	720,000	sed.
1054	17.5	6.50	59.1	720,000	heavy sed. again
	21.0				
	24.5				
	28.0 <sup>SK</sup>				
	31.5				
	32.4				

1100 Well dewatered @ 20.0 gallons

NOTES: No Sheen; Light <sup>pH</sup> bdo. Sample time => 1315 hrs

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

sjc

Site Name California Linear Rental Co  
 Job No. 0304  
 TOC to Water (ft.) 9.39  
 Well Depth (ft.) 33.44  
 Well Diameter 4" (0.65)  
 Gal./Casing Vol. 15.2  
3001 = 47.1

Well No. E8-W  
 Date 04/06/07  
 Sheen yes  
 Free Product Thickness 0  
 Sample Collection Method Tuff. - Berke-

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY <sup>µs/cm</sup>
<u>1117</u>	<u>5.2</u>	<u>6.67</u>	<u>58.2</u>	<u>&gt;20,000 mod. sed</u>
<u>1122</u>	<u>10.4</u>	<u>6.78</u>	<u>59.1</u>	<u>&gt;20,000</u>
<u>1127</u>	<u>15.6</u>	<u>6.78</u>	<u>59.7</u>	<u>&gt;20,000 very</u>
<u>1132</u>	<u>20.8</u>	<u>6.80</u>	<u>60.1</u>	<u>&gt;20,000 elt. sed</u>
<u>1137</u>	<u>26.0</u>	<u>6.84</u>	<u>60.1</u>	<u>&gt;20,000</u>
<u>1144</u>	<u>31.2</u>	<u>6.82</u>	<u>59.8</u>	<u>&gt;20,000</u>
<u>1153</u>	<u>36.4</u>	<u>6.90</u>	<u>60.2</u>	<u>&gt;20,000</u>
<u>1159</u>	<u>41.6</u>	<u>6.88</u>	<u>60.1</u>	<u>&gt;20,000</u>
<u>1206</u>	<u>47.1</u>	<u>6.85</u>	<u>60.1</u>	<u>&gt;20,000</u>

NOTES: lighter sheen + light phc odor      sample time = 1330 hrs

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Linen Rentals Well No. E9-w  
 Job No. 0304 Date 04/06/07  
 TOC to Water (ft.) 10.25 Sheen NO  
 Well Depth (ft.) 34.00 Free Product Thickness Ø  
 Well Diameter 4" (0.65 Sample Collection Method Tetlon Pump  
 Gal./Casing Vol. 15.5

total = 46.5

°f

ELECTRICAL CONDUCTIVITY

µS/cm

28

TIME	GAL. PURGED	DH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
1217	5.2	6.73	60.7	720,000
1217	10.4	6.89	61.0	720,000
1220	15.6	6.88	62.0	720,000
1225	20.8	6.88	61.5	720,000
1251	26.0	6.80	60.4	720,000
	<del>31.3</del>			
	<del>36.4</del>			
	<del>41.6</del>			
	46.8			
1254	well dewatered	@ 28.0	various	

NOTES: No odor, no sheen; Sample time ⇒ 1355 hrs



RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Linear

Well No. ~~A922E1~~ E1

Job No. 0304

Date 7/31/07

TOC to Water (ft.) 9.2 10.5

Sheen No

Well Depth (ft.) 22.8 24.7

Free Product Thickness 0

Well Diameter 4" (0.616)

Sample Collection Method \_\_\_\_\_

Gal./Casing Vol. 8.8 9.2

Tetlon Bsk.

30.1 = 21.4 27.6

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
1503	3.0	7.25	77.1	630
1505	6.0	7.22	76.6	> 20,000
1507	8.5	7.20	73.2	> 20,000
1510	11.5	7.19	73.0	> 20,000
1512	14.5	7.17	73.0	> 20,000
1515	17.0	7.15	72.8	> 20,000
1517	20.0	7.11	72.2	> 20,000
1525	23.0	7.06	71.8	> 20,000
1527	26.4	7.02	71.6	> 20,000
1531	27.6	7.00	71.8	> 20,000

NOTES: No sheen, No odor  
Sample time = 1730 hrs

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Linen  
 Job No. 0304  
 TOC to Water (ft.) 17.0  
 Well Depth (ft.) 24.8  
 Well Diameter 4" (0.646)  
 Gal./Casing Vol. 5.1

Well No. E2  
 Date 07/31/07  
 Sheen No  
 Free Product Thickness Ø  
 Sample Collection Method Filter/Bottle

3x 5.1 = 15.3

TIME	GAL. PURGED	pH	TEMPERATURE °F	ELECTRICAL CONDUCTIVITY $\mu S/cm$
<u>1617</u>	<u>1.7</u>	<u>6.85</u>	<u>72.3</u>	<u>&gt;20,000</u>
<u>1619</u>	<u>2.4</u>	<u>6.62</u>	<u>70.5</u>	<u>&gt;20,000</u>
<u>1622</u>	<u>5.1</u>	<u>6.66</u>	<u>68.8</u>	<u>&gt;20,000</u>
<u>1624</u>	<u>6.8</u>	<u>6.66</u>	<u>68.1</u>	<u>&gt;20,000</u>
<u>1626</u>	<u>8.5</u>	<u>6.69</u>	<u>67.7</u>	<u>&gt;20,000</u>
<u>1628</u>	<u>10.2</u>	<u>6.62</u>	<u>67.7</u>	<u>&gt;20,000</u>
<u>1630</u>	<u>11.9</u>	<u>6.59</u>	<u>67.5</u>	<u>&gt;20,000</u>
<u>1632hrs</u>	<u><del>13.6</del> 15.3</u>	<u>Well de-aired @ 12.5 gallons</u>		

NOTES: No sheen; No odor Started black color → cleared glass sample fine → 1730

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Lines  
 Job No. 0304  
 TOC to Water (ft.) 16.7  
 Well Depth (ft.) 24.8  
 Well Diameter 4" (10.646)  
 Gal./Casing Vol. 5.3  
3 \* 5.3 = 15.9

Well No. E3  
 Date 7/31/07  
 Sheen No  
 Free Product Thickness 0  
 Sample Collection Method Tetlon Beaker

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY <sup>µS/cm</sup>
1653	1.7	6.78	67.6	>20,000
1656	3.4	6.73	68.5	>20,000
1659	5.1	6.77	68.0	>20,000
1701	6.8	6.75	67.9	>20,000
1703	8.5	6.72	67.8	>20,000
1705	10.2	6.69	67.8	>20,000
1707	11.9	6.68	67.9	>20,000
1709	13.6	6.59	67.7	>20,000
1711	15.9	6.56	67.5	>20,000

NOTES: started below the chisel  
Sampling -> 1800

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Linen  
 Job No. 0304  
 TOC to Water (ft.) 28.0  
 Well Depth (ft.)         
 Well Diameter 4"  
 Gal./Casing Vol. Extracting → No Purge

Well No. E4  
 Date 08/02/07  
 Sheen No  
 Free Product Thickness 0  
 Sample Collection Method         
4c Feltton bucket Vac. Pump <sup>PC tubing</sup>

<u>TIME</u>	<u>GAL. PURGED</u>	<u>pH</u>	<u>TEMPERATURE</u> °F	<u>ELECTRICAL CONDUCTIVITY</u> µS/cm
	<u>Cont. Extracting No Purge</u>			
	<u>Water would not recharge</u>		<u>on 8/1/07 returned 8/2 to</u>	
			<u>Collect sample</u>	

NOTES: 7/31/07 Div ⇒ 39.1 No Sheen No odor  
~~Sample time ⇒ 1530hrs slow recharge~~ 0920hrs  
Couldn't get water to enter bucket @ 1530hrs  
+ 1645hrs  
Sample time ⇒ 0730hrs 8/2/07

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Line ~ Well No. E6  
 Job No. 0304 Date 08/01/07  
 TOC to Water (ft.) 19.78 Sheen No  
 Well Depth (ft.) 20.0 Free Product Thickness 0  
 Well Diameter 4" Sample Collection Method \_\_\_\_\_  
 Gal./Casing Vol. Extracting - No Purge Tetlon Bailor

<u>TIME</u>	<u>GAL. PURGED</u>	<u>pH</u>	<u>TEMPERATURE</u>	<u>ELECTRICAL CONDUCTIVITY</u>
	<u>Continuously Extracting - No Purge</u>			<u>of fsl/en</u>

NOTES: 7/31/07 DCW → 18.87 Sample Time ⇒ 1450hrs  
No sheen, no odor

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Lines

Well No. E7

Job No. 0304

Date 08/01/07

TOC to Water (ft.) 23.95 22.80

Sheen No

Well Depth (ft.) 25.0

Free Product Thickness 0

Well Diameter 4" (0.646)

Sample Collection Method

Gal./Casing Vol. Extracting - No Purge  
5/2 3/4

Teflon Bottle

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
	<u>Extracting</u>	<u>continuously</u>	<u>no purge</u>	<u>OK</u>

NOTES: Turned off ext. @ 1345 hrs  
Turned off ext. @ 1335 hrs DTW 7/31/07 → 23.95 Restart Ext @ 1415 hrs  
Sample time → 12:00 hrs 1355 hrs No sheen, No odor

RG ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Linen

Well No. E8

Job No. 0304

Date 08/01/07

TOC to Water (ft.) 25.20

Sheen No

Well Depth (ft.) 33.2

Free Product Thickness 0

Well Diameter 4" (0.646)

Sample Collection Method

Gal./Casing Vol. 5.2

Teflon Baker

3 vol = 15.6

<u>TIME</u>	<u>GAL. PURGED</u>	<u>DH</u>	<u>TEMPERATURE</u>	<u>ELECTRICAL CONDUCTIVITY</u>
1039	<del>1.7</del> 1.7	7.04	62.5	>20,000
1043	<del>2.8</del> 3.4	6.97	62.5	>20,000
1046	<del>2.5</del> 5.1	6.94	62.7	>20,000
1048	6.8	6.96	62.8	>20,000
1050	8.5	6.97	62.7	>20,000
1052	10.2	6.96	62.8	>20,000
1054	11.9	6.94	62.9	>20,000
1057	13.6	6.97	63.1	>20,000
1101	15.6	7.01	63.3	>20,000

NOTES: No sheen; No odor  
Sample time = 124 mins

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Linc  
 Job No. 0304  
 TOC to Water (ft.) 22.19 27.2  
 Well Depth (ft.) 34 31.4  
 Well Diameter 4" (0.646)  
 Gal./Casing Vol. 6.0

Well No. E9  
 Date 08/01/07  
 Sheen No  
 Free Product Thickness 0  
 Sample Collection Method Tether Bailer

3 vol = 18.0

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY $\mu S/cm$
0949	2.0	7.00	66.6	> 20,000
0953	4.0	6.85	67.2	> 20,000
0956	6.0	6.70	67.4	> 20,000
0958	8.0	6.66	67.4	> 20,000
1000	10.0	6.64	67.4	> 20,000
1002	12.0	6.65	67.2	> 20,000
1004	14.0	6.64	67.1	> 20,000
1006	16.0	6.63	66.9	> 20,000
1008	18.0	6.63	66.7	> 20,000

NOTES:

Started <sup>brown</sup> black colored  $\rightarrow$  cleared to lt brownish grey  
No sheen; No odor  
Sample time  $\approx$  12:40 - 12:50



RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name Calibron, Lincoln

Well No. II

Job No. 0304

Date 08/01/07

TOC to Water (ft.) 11.80

Sheen NO

Well Depth (ft.) 21.6

Free Product Thickness 0

Well Diameter 2" (1.7)

Sample Collection Method Sept Tubing & Check Valve

Gal./Casing Vol. 0.85 1.7

*(Tefflon bailer)*

28.6  
-11.8  
-----  
16.8  
9.8  
-----  
7.0  
68.6  
9.8  
-----  
78.4

3 vol = 2.55

of

TIME	GAL. PURGED	DH	TEMPERATURE	ELECTRICAL CONDUCTIVITY $\mu\text{S}/\text{cm}$
1308	0.5 0.5	6.56	68.0	18,600
1320	0.6 1.0	6.34	68.6	> 20,000
1323	0.9 1.5	6.27	69.0	> 20,000
1325	1.2 2.0	6.34	69.1	> 20,000
1327	1.5 2.5	6.37 6.40	69.0	> 20,000
1330	1.8 3.0	6.45	69.5	> 20,000
1333	2.0 3.5	6.50	69.8	> 20,000
1335	2.2 4.0	6.47	69.6	> 20,000
1337	2.4 4.5	6.45	69.5	> 20,000
1339	5.1	6.45	69.5	> 20,000

NOTES: Tubing filled w/ silt -> bailer fits down well, ph meter acting funky  
No sheen; No odor brown color - Sample Time = 1345

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Linn

Well No. MW1

Job No. 0304

Date 8/01/07

TOC to Water (ft.) 19.5

Sheen No

Well Depth (ft.) 21.9

Free Product Thickness Ø

Well Diameter 4" (0.646)

Sample Collection Method \_\_\_\_\_

Gal./Casing Vol. Extracting -> No Purge  
s/c 7/31/07

Teflon bottles

TIME	GAL. PURGED	pH	TEMPERATURE <sup>°F</sup>	ELECTRICAL CONDUCTIVITY <sup>µs/cm</sup>
	<u>Continuously Extracting -&gt; No Purge</u>			

NOTES: stopped Extraction @ 1440hrs 7/31/07 DCW -> 19.80  
Sample time -> 1440hrs No sheen; No odor -> both not water column; black-grey colored

RGA ENVIRONMENTAL  
GROUNDWATER MONITORING/WELL PURGING  
DATA SHEET

Site Name California Limer

Well No. 52 E4 mw2

Job No. 0304

Date 07/31/07

TOC to Water (ft.) 10.5 9.2

Sheen No

Well Depth (ft.) 24.7 22.8

Free Product Thickness 0

Well Diameter 4" (0.646)

Sample Collection Method \_\_\_\_\_

Gal./Casing Vol. 9.2 8.8

Totals Below

3.021 = 27.6 26.4

TIME	GAL. PURGED	pH	TEMPERATURE	ELECTRICAL CONDUCTIVITY
1543	3.1	6.82	83.2	>20,000
1545	6.2	6.75	83.5	>20,000
1547	9.3	6.67	83.9	>20,000
1549	12.4	6.63	84.0	>20,000
1551	15.5	6.54	84.5	>20,000
1556	18.6	6.58	85.2	>20,000
1600	21.7	Well de-aerated @ ~ 20 gallons		
	24.8			
	<del>27.6</del> 26.4			

NOTES: No sheen; No color  
Sample time → 1740 hrs



**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304/CLR14580; California Linen Rental Co.	Date Sampled: 03/28/07-03/29/07
		Date Received: 03/30/07
	Client Contact: Paul King	Date Reported: 04/05/07
	Client P.O.:	Date Completed: 04/05/07

**WorkOrder: 0703739**

April 05, 2007

Dear Paul:

Enclosed are:

- 1). the results of **7** analyzed samples from your **#0304/CLR14580; California Linen Rental Co. project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



RGA Environmental, Inc.  
 1466 - 66<sup>th</sup> St  
 Emeryville, CA 94608  
 510-658-4363  
 510-834-0152 fax  
 paul.king@rgaenv.com

RGAE 0703739

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 0304/CLR14580		PROJECT NAME: California Linen Rental Co.			NUMBER OF CONTAINERS	ANALYSIS(ES):				PRESERVATIVE	REMARKS
SAMPLED BY: (PRINTED AND SIGNATURE) Steven Carmack						TPH-Multigrange	MBTEX				
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION							
E1-W	03/28/07	1330	water		7	X	X			ICE	Normal Turnaround Time
E2-W	03/29/07	1100			7	X	X				
E3-W	03/29/07	1215			7	X	X				
E6-W	03/29/07	1000			7	X	X				
E7-W	03/28/07	1515			7	X	X				
MW1-W	03/29/07	1340			7	X	X				
MW2-W	03/28/07	1600			7	X	X				
					ICE: 9400 GOOD CONDITION <input checked="" type="checkbox"/> HEAD SPACE ABSENT <input checked="" type="checkbox"/> DECHLORINATED IN LAB <input checked="" type="checkbox"/> APPROPRIATE CONTAINERS <input checked="" type="checkbox"/> PRESERVED IN LAB <input checked="" type="checkbox"/> PRESERVATION: VDA <input checked="" type="checkbox"/> O&G <input checked="" type="checkbox"/> METALS <input type="checkbox"/> OTHER <input type="checkbox"/>						
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE 3/10/07	TIME 200	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>		TOTAL NO. OF SAMPLES (THIS SHIPMENT)	7	LABORATORY: McCampbell Analytical			
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE 3/30/07	TIME 200	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>		TOTAL NO. OF CONTAINERS (THIS SHIPMENT)	49	LABORATORY PHONE NUMBER: (925) 252-9262			
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (X) NO					
REMARKS:					Voc's preserved w/HCL. Please provide an EDF to paul.king@rgaenv.com						

# McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
 Pittsburg, CA 94565-1701  
 (925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 0703739

ClientID: RGAE

EDF

Fax

Email

HardCopy

ThirdParty

**Report to:**

Paul King  
 RGA Environmental  
 1466 66th Street  
 Emeryville, CA 94608

Email: paul.king@rgaenv.com  
 TEL: (510) 547-777 FAX: (510) 547-198  
 ProjectNo: #0304/CLR14580; California Linen Ren  
 PO:

**Bill to**

Lisa Devito  
 RGA Environmental  
 1466 66th Street  
 Emeryville, CA 94608  
 lisa.devito@rgaenv.com

**Requested TAT: 5 days**

*Date Received: 03/30/2007*

*Date Printed: 03/30/2007*

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0703739-001	E1-W	Water	03/28/07 1:30:00	<input type="checkbox"/>	B	A	A										
0703739-002	E2-W	Water	03/29/07 11:00:00	<input type="checkbox"/>	B		A										
0703739-003	E3-W	Water	03/29/07 12:15:00	<input type="checkbox"/>	B		A										
0703739-004	E6-W	Water	03/29/07 10:00:00	<input type="checkbox"/>	B		A										
0703739-005	E7-W	Water	03/29/07 3:15:00	<input type="checkbox"/>	B		A										
0703739-006	MW1-W	Water	03/29/07 1:40:00	<input type="checkbox"/>	B		A										
0703739-007	MW2-W	Water	03/29/07 4:00:00	<input type="checkbox"/>	B		A										

**Test Legend:**

1	G-MBTX_W	2	PREDF REPORT	3	TPH(DMO)_W	4		5	
6		7		8		9		10	
11		12							

**Prepared by: Sheli Cryderman**

**Comments:**

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304/CLR14580; California Linen Rental Co.	Date Sampled: 03/28/07-03/29/07
	Client Contact: Paul King	Date Received: 03/30/07
	Client P.O.:	Date Extracted: 03/31/07-04/03/07
		Date Analyzed 03/31/07-04/03/07

### Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE\*

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0703739

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001B	E1-W	W	ND	ND	ND	ND	ND	ND	1	95
002B	E2-W	W	ND	ND	ND	ND	ND	ND	1	91
003B	E3-W	W	ND	ND	ND	ND	ND	ND	1	111
004B	E6-W	W	160,b	ND	ND	ND	4.2	8.5	1	100
005B	E7-W	W	ND	ND	ND	ND	ND	ND	1	89
006B	MW1-W	W	ND	ND	0.63	ND	ND	0.83	1	91
007B	MW2-W	W	ND	ND	ND	ND	ND	ND	1	90

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	NA	1	mg/Kg

\* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.



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RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304/CLR14580; California Linen Rental Co.	Date Sampled: 03/28/07-03/29/07
	Client Contact: Paul King	Date Received: 03/30/07
	Client P.O.:	Date Analyzed 03/30/07-04/02/07
		Date Extracted: 03/30/07

### Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil\*

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0703739

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0703739-001A	E1-W	W	ND	ND	1	113
0703739-002A	E2-W	W	ND	ND	1	84
0703739-003A	E3-W	W	210,b	ND	1	112
0703739-004A	E6-W	W	240,d,b	ND	1	114
0703739-005A	E7-W	W	ND	ND	1	111
0703739-006A	MW1-W	W	180,g,b	370	1	118
0703739-007A	MW2-W	W	ND	ND	1	111

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

\* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.





**QC SUMMARY REPORT FOR SW8021B/8015Cm**

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0703739

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 27178			Spiked Sample ID: 0703739-007B				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) <sup>£</sup>	ND	60	96.2	99.9	3.76	95.3	93.4	1.99	70 - 130	30	70 - 130	30
MTBE	ND	10	84.4	71	17.2	89.6	94.9	5.65	70 - 130	30	70 - 130	30
Benzene	ND	10	88.8	89.2	0.469	91.5	93.1	1.67	70 - 130	30	70 - 130	30
Toluene	ND	10	89.4	101	12.6	94.6	96.8	2.26	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	94.2	98.3	4.33	92.5	94.6	2.27	70 - 130	30	70 - 130	30
Xylenes	ND	30	106	109	3.08	86	86	0	70 - 130	30	70 - 130	30
%SS:	90	10	92	93	1.13	106	109	2.91	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

BATCH 27178 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703739-001B	03/28/07 1:30 PM	03/31/07	03/31/07 8:03 PM	0703739-002B	03/29/07 11:00 AM	04/01/07	04/01/07 3:16 AM
0703739-003B	03/29/07 12:15 PM	04/03/07	04/03/07 4:49 PM	0703739-004B	03/29/07 10:00 AM	04/03/07	04/03/07 4:50 AM
0703739-005B	03/29/07 3:15 PM	04/01/07	04/01/07 4:56 AM	0703739-006B	03/29/07 1:40 PM	04/01/07	04/01/07 6:36 AM
0703739-007B	03/29/07 4:00 PM	04/01/07	04/01/07 5:29 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not applicable or not enough sample to perform matrix spike and matrix spike duplicate.



### QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0703739

Analyte	EPA Method SW8015C		Extraction SW3510C			BatchID: 27126			Spiked Sample ID: N/A			
	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	114	112	2.58	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	117	101	14.8	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

#### BATCH 27126 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0703739-001A	03/28/07 1:30 PM	03/30/07	03/30/07 10:35 PM	0703739-002A	03/29/07 11:00 AM	03/30/07	04/02/07 6:56 PM
0703739-003A	03/29/07 12:15 PM	03/30/07	03/31/07 12:52 AM	0703739-004A	03/29/07 10:00 AM	03/30/07	03/31/07 2:00 AM
0703739-005A	03/29/07 3:15 PM	03/30/07	03/31/07 3:09 AM	0703739-006A	03/29/07 1:40 PM	03/30/07	03/31/07 6:33 AM
0703739-007A	03/29/07 4:00 PM	03/30/07	03/31/07 7:41 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



**McC Campbell Analytical, Inc.**

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Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304/CLR14580; California Linen Rental Co. Oaklan	Date Sampled: 04/06/07
		Date Received: 04/06/07
	Client Contact: Paul King	Date Reported: 04/12/07
	Client P.O.:	Date Completed: 04/12/07

**WorkOrder: 0704156**

April 12, 2007

Dear Paul:

Enclosed are:

- 1). the results of **3** analyzed samples from your **#0304/CLR14580; California Linen Rental Co. Oaklan project,**
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



RGA Environmental, Inc.  
 1466 - 66<sup>th</sup> St  
 Emeryville, CA 94608  
 510-658-4363  
 510-834-0152 fax  
 paul.king@rgaenv.com

0704156 REAE

CHAIN OF CUSTODY RECORD

PROJECT NUMBER: 0304/CLR14580		PROJECT NAME: California Linen Rental Co. Oakland			NUMBER OF CONTAINERS	ANALYSIS(ES):				PRESERVATIVE	REMARKS
SAMPLED BY: (PRINTED AND SIGNATURE) Steven Carmack						TPH-Multirange	MBTEX				
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION							
(+) E4-W	04/06/07	1315	WATER		7	X	X			ICE	Normal Turnaround Time
+ E8-W		1330			7	X	X				
+ E9-W		1355			7	X	X				
					ICE# 54		GOOD CONDITION <input checked="" type="checkbox"/> HEAD SPACE ABSENT <input checked="" type="checkbox"/> DICHLORINATED IN LAB <input type="checkbox"/> PRESERVATION <input checked="" type="checkbox"/>		APPROPRIATE CONTAINERS <input checked="" type="checkbox"/> PRESERVED IN LAB <input type="checkbox"/> VOAS <input checked="" type="checkbox"/> ORG <input type="checkbox"/> METALS <input type="checkbox"/> OTHER <input type="checkbox"/>		
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		TOTAL NO. OF SAMPLES (THIS SHIPMENT)		LABORATORY:			
		4/6/07	300			3		McCampbell Analytical			
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED BY: (SIGNATURE)		TOTAL NO. OF CONTAINERS (THIS SHIPMENT)		LABORATORY CONTACT:		LABORATORY PHONE NUMBER:	
		4/6/07	400	Sheli Prisdorman		21		Angela Rydelius		(925) 252-9262	
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (X) NO					
					REMARKS: Voas preserved w/ HCL; Please provide an EDF to paul.king@rgaenv.com.						

# McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
 Pittsburg, CA 94565-1701  
 (925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 0704156

ClientID: RGAE

EDF

Fax

Email

HardCopy

ThirdParty

Report to:

Paul King  
 RGA Environmental  
 1466 66th Street  
 Emeryville, CA 94608

Email: paul.king@rgaenv.com  
 TEL: (510) 547-777 FAX: (510) 547-198  
 ProjectNo: #0304/CLR14580; California Linen Re  
 PO:

Bill to

Lisa Devito  
 RGA Environmental  
 1466 66th Street  
 Emeryville, CA 94608  
 lisa.devito@rgaenv.com

Requested TAT: 5 days

Date Received 04/06/2007

Date Printed: 04/06/2007

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0704156-001	E4-W	Water	04/06/07 1:15:00	<input type="checkbox"/>	B	A	A									
0704156-002	E8-W	Water	04/06/07 1:30:00	<input type="checkbox"/>	B		A									
0704156-003	E9-W	Water	04/06/07 1:55:00	<input type="checkbox"/>	B		A									

Test Legend:

1	G-MBTX_W	2	PREDF REPORT	3	TPH(DMO)_W	4		5	
6		7		8		9		10	
11		12							

Prepared by: Chloe Lam

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



**Sample Receipt Checklist**

Client Name: **RGA Environmental** Date and Time Received: **04/06/07 6:19:14 PM**  
Project Name: **#0304/CLR14580; California Linen Rental Co. Oakl** Checklist completed and reviewed by: **SC**  
WorkOrder N°: **0704156** Matrix Water Carrier: Client Drop-In

**Chain of Custody (COC) Information**

Chain of custody present? Ye  No   
Chain of custody signed when relinquished and received? Ye  No   
Chain of custody agrees with sample labels? Ye  No   
Sample IDs noted by Client on COC? Ye  No   
Date and Time of collection noted by Client on COC? Ye  No   
Sampler's name noted on COC? Ye  No

**Sample Receipt Information**

Custody seals intact on shipping container/cooler? Ye  No  NA   
Shipping container/cooler in good condition? Ye  No   
Samples in proper containers/bottles? Ye  No   
Sample containers intact? Ye  No   
Sufficient sample volume for indicated test? Ye  No

**Sample Preservation and Hold Time (HT) Information**

All samples received within holding time? Ye  No   
Container/Temp Blank temperature Cooler Temp: 5.4°C NA   
Water - VOA vials have zero headspace / no bubbles? Ye  No  No VOA vials submitted   
Sample labels checked for correct preservation? Ye  No

-----  
Client contacted: Date contacted: Contacted by:

Comments:



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Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304/CLR14580; California Linen Rental Co. Oakland	Date Sampled: 04/06/07
	Client Contact: Paul King	Date Received: 04/06/07
	Client P.O.:	Date Extracted: 04/07/07-04/11/07
		Date Analyzed: 04/07/07-04/11/07

## Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE\*

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0704156

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001B	E4-W	W	1100,a	ND<10	63	ND<1.0	6.0	13	2	95
002B	E8-W	W	110,b	ND	0.62	ND	ND	11	1	104
003B	E9-W	W	110,b	ND	ND	ND	ND	5.1	1	109

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

\* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.



# McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701  
 Web: www.mcccampbell.com E-mail: main@mcccampbell.com  
 Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: #0304/CLR14580; California Linen Rental Co. Oakland	Date Sampled: 04/06/07
	Client Contact: Paul King	Date Received: 04/06/07
	Client P.O.:	Date Analyzed 04/07/07
		Date Extracted: 04/06/07

## Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil\*

Extraction method: SW3510C Analytical methods: SW8015C Work Order: 0704156

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0704156-001A	E4-W	W	810,d	ND	1	106
0704156-002A	E8-W	W	54,d	ND	1	113
0704156-003A	E9-W	W	62,d	ND	1	108

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

\* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant); d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range (?); l) bunker oil range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.





### QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0704156

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 27331			Spiked Sample ID: 0704166-001A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) <sup>£</sup>	ND	60	92.1	95.2	3.33	111	103	7.45	70 - 130	30	70 - 130	30
MTBE	ND	10	116	113	2.71	108	112	3.44	70 - 130	30	70 - 130	30
Benzene	ND	10	94.6	97.9	3.50	92.8	92.4	0.418	70 - 130	30	70 - 130	30
Toluene	ND	10	85.9	89.9	4.53	102	104	1.28	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	94.8	97.7	3.03	98.8	99.7	0.926	70 - 130	30	70 - 130	30
Xylenes	ND	30	90.7	95.3	5.02	110	110	0	70 - 130	30	70 - 130	30
%SS:	96	10	94	96	1.91	97	96	0.505	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

#### BATCH 27331 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0704156-001B	04/06/07 1:15 PM	04/11/07	04/11/07 3:22 PM	0704156-002B	04/06/07 1:30 PM	04/07/07	04/07/07 5:13 PM
0704156-003B	04/06/07 1:55 PM	04/07/07	04/07/07 5:49 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.



### QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0704156

EPA Method SW8015C	Extraction SW3510C			BatchID: 27304			Spiked Sample ID: N/A					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	122	116	4.74	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	112	116	3.88	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

#### BATCH 27304 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0704156-001A	04/06/07 1:15 PM	04/06/07	04/07/07 11:52 AM	0704156-002A	04/06/07 1:30 PM	04/06/07	04/07/07 1:00 PM
0704156-003A	04/06/07 1:55 PM	04/06/07	04/07/07 2:08 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



## **McC Campbell Analytical, Inc.**

"When Quality Counts"

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Web: [www.mcccampbell.com](http://www.mcccampbell.com) E-mail: [main@mcccampbell.com](mailto:main@mcccampbell.com)  
Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: # CLR 17123/0304; California Linen	Date Sampled: 07/31/07-08/02/07
		Date Received: 08/02/07
	Client Contact: Paul King	Date Reported: 08/09/07
	Client P.O.:	Date Completed: 08/09/07

**WorkOrder: 0708058**

August 09, 2007

Dear Paul:

Enclosed are:

- 1). the results of **11** analyzed samples from your **# CLR 17123/0304; California Linen project**,
- 2). a QC report for the above samples
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



RGA Environmental, Inc.  
 1466 - 66<sup>th</sup> St  
 Emeryville, CA 94608  
 510-658-4363  
 510-834-0152 fax  
 paul.king@rgaenv.com

RGAE 0708058

# CHAIN OF CUSTODY RECORD

PROJECT NUMBER: <i>CR 14550/0304</i>		PROJECT NAME: <i>California Linen</i>			NUMBER OF CONTAINERS	ANALYSIS(ES):				PRESERVATIVE	REMARKS
SAMPLED BY: (PRINTED AND SIGNATURE) <i>Steven Carmack</i>						<i>TPH</i>	<i>Multifluoroc</i>	<i>MBTEX</i>			
SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION							
MW1	8/01/07	1440	WATER		8	X	X			ICE	Normal Turnaround Time
MW2	7/31/07	1740			8	X	X				
E1		1730			8	X	X				
E2		1750			8	X	X				
E3		1800			8	X	X				
E4	8/02/07	0930			78 <sup>SH</sup>	X	X				
E6	8/01/07	1450			8	X	X				
E7		1415			8	X	X				
E8		1240			8	X	X				
E9		1225			8	X	X				
I1		1345			8	X	X				
					ICE <input checked="" type="checkbox"/>		GOOD CONDITION <input checked="" type="checkbox"/>		APPROPRIATE HEAD SPACE <input checked="" type="checkbox"/>		CONTAINERS <input checked="" type="checkbox"/>
					DECHLORINATED IN LAB <input type="checkbox"/>		PRESERVED IN LAB <input type="checkbox"/>		VOAS <input type="checkbox"/> O & G <input type="checkbox"/> METALS <input type="checkbox"/> OTHER <input type="checkbox"/>		PRESERVATION <input type="checkbox"/>
RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>		DATE 8/2/07	TIME 15:30	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>		TOTAL NO. OF SAMPLES (THIS SHIPMENT) 11		LABORATORY: <i>McCampbell Analytical</i>			
RELINQUISHED BY: (SIGNATURE) <i>#380</i>		DATE 8/2	TIME 16:10	RECEIVED BY: (SIGNATURE) <i>Kimberley Burns</i>		TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 88		LABORATORY CONTACT: <i>Angela Rydelius</i>		LABORATORY PHONE NUMBER: (877) 252-9262	
RELINQUISHED BY: (SIGNATURE)		DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)		SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( ) YES (X) NO					
Lab Report + Invoice to paul.king@rgaenv.com + Invoice also to lisa.devito@rgaenv.com				REMARKS: <i>Voas preserved w/ HCl</i>							

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# McC Campbell Analytical, Inc.



1534 Willow Pass Rd  
Pittsburg, CA 94565-1701  
(925) 252-9262

# CHAIN-OF-CUSTODY RECORD

WorkOrder: 0708058

ClientID: RGAE

EDF   
  Excel   
  Fax   
  Email   
  HardCopy   
  ThirdParty

**Report to:**

Paul King  
RGA Environmental  
1466 66th Street  
Emeryville, CA 94608

Email: paul.king@rgaenv.com; pdking0000@a  
TEL: (510) 547-777 FAX: (510) 547-198  
ProjectNo: # CLR 17123/0304; California Linen  
PO:

**Bill to**

Lisa Devito  
RGA Environmental  
1466 66th Street  
Emeryville, CA 94608  
lisa.devito@rgaenv.com

**Requested TAT: 5 days**

*Date Received 08/02/2007*

*Date Printed: 08/04/2007*

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0708058-001	MW1	Water	8/1/07 2:40:00 PM	<input type="checkbox"/>	A	B											
0708058-002	MW2	Water	7/31/07 5:40:00	<input type="checkbox"/>	A	B											
0708058-003	E1	Water	7/31/07 5:30:00	<input type="checkbox"/>	A	B											
0708058-004	E2	Water	7/31/07 5:50:00	<input type="checkbox"/>	A	B											
0708058-005	E3	Water	7/31/07 6:00:00	<input type="checkbox"/>	A	B											
0708058-006	E4	Water	8/2/07 9:30:00 AM	<input type="checkbox"/>	A	B											
0708058-007	E6	Water	8/1/07 2:50:00 PM	<input type="checkbox"/>	A	B											
0708058-008	E7	Water	8/1/07 2:15:00 PM	<input type="checkbox"/>	A	B											
0708058-009	E8	Water	8/1/07 12:40:00	<input type="checkbox"/>	A	B											
0708058-010	E9	Water	8/1/07 12:25:00	<input type="checkbox"/>	A	B											
0708058-011	I1	Water	8/1/07 1:45:00 PM	<input type="checkbox"/>	A	B											

**Test Legend:**

1	G-MBTX_W	2	TPH(DMO)_W	3		4		5	
6		7		8		9		10	
11		12							

**Prepared by: Kimberly Burks**

**Comments:**

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



### Sample Receipt Checklist

Client Name: **RGA Environmental**

Date and Time Received: **8/2/07 5:23:35 PM**

Project Name: **# CLR 17123/0304; California Linen**

Checklist completed and reviewed by: **Kimberly Burks**

WorkOrder N°: **0708058** Matrix Water

Carrier: Courier

#### Chain of Custody (COC) Information

- Chain of custody present? Yes  No
- Chain of custody signed when relinquished and received? Yes  No
- Chain of custody agrees with sample labels? Yes  No
- Sample IDs noted by Client on COC? Yes  No
- Date and Time of collection noted by Client on COC? Yes  No
- Sampler's name noted on COC? Yes  No

#### Sample Receipt Information

- Custody seals intact on shipping container/cooler? Yes  No  NA
- Shipping container/cooler in good condition? Yes  No
- Samples in proper containers/bottles? Yes  No
- Sample containers intact? Yes  No
- Sufficient sample volume for indicated test? Yes  No

#### Sample Preservation and Hold Time (HT) Information

- All samples received within holding time? Yes  No
- Container/Temp Blank temperature Cooler Temp: 20.4°C NA
- Water - VOA vials have zero headspace / no bubbles? Yes  No  No VOA vials submitted
- Sample labels checked for correct preservation? Yes  No
- TTLC Metal - pH acceptable upon receipt (pH<2)? Yes  No  NA

Client contacted:

Date contacted:

Contacted by:

Comments:



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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: # CLR 17123/0304; California Linen	Date Sampled: 07/31/07-08/02/07
	Client Contact: Paul King	Date Received: 08/02/07
	Client P.O.:	Date Extracted: 08/06/07-08/08/07
		Date Analyzed 08/06/07-08/08/07

## Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE\*

Extraction method SW5030B

Analytical methods SW8021B/8015Cm

Work Order: 0708058

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	MW1	W	ND	ND	ND	ND	ND	ND	1	110
002A	MW2	W	ND	ND	ND	ND	ND	0.59	1	106
003A	E1	W	ND	ND	ND	0.86	ND	1.2	1	104
004A	E2	W	ND	ND	ND	1.9	0.71	4.2	1	104
005A	E3	W	ND	ND	0.51	2.3	ND	2.3	1	92
006A	E4	W	ND	ND	ND	ND	ND	ND	1	103
007A	E6	W	ND	ND	1.4	ND	ND	ND	1	106
008A	E7	W	ND	ND	ND	ND	ND	ND	1	96
009A	E8	W	ND	ND	ND	ND	ND	ND	1	96
010A	E9	W	ND	ND	ND	ND	ND	ND	1	92
011A	I1	W	ND	ND	ND	ND	ND	ND	1	93

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	1	mg/Kg

\* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

# cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.



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Telephone: 877-252-9262 Fax: 925-252-9269

RGA Environmental  1466 66th Street  Emeryville, CA 94608	Client Project ID: # CLR 17123/0304; California Linen	Date Sampled: 07/31/07-08/02/07
	Client Contact: Paul King	Date Received: 08/02/07
	Client P.O.:	Date Analyzed 08/08/07-08/09/07
		Date Extracted: 08/02/07

### Diesel (C10-23) and Oil (C18+) Range Extractable Hydrocarbons as Diesel and Motor Oil\*

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0708058

Lab ID	Client ID	Matrix	TPH(d)	TPH(mo)	DF	% SS
0708058-001B	MW1	W	230,g,b	500	1	126
0708058-002B	MW2	W	ND	ND	1	96
0708058-003B	E1	W	ND	ND	1	101
0708058-004B	E2	W	160,g,b	790	1	102
0708058-005B	E3	W	ND	ND	1	93
0708058-006B	E4	W	63,b	ND	1	93
0708058-007B	E6	W	1400,g,a	2400	1	88
0708058-008B	E7	W	ND	ND	1	93
0708058-009B	E8	W	ND	ND	1	101
0708058-010B	E9	W	ND	ND	1	111
0708058-011B	I1	W	ND	ND	1	92

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	NA	NA	mg/Kg

\* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

# cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant (cooking oil?); h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil range (?); no recognizable pattern; m) fuel oil; n) stoddard solvent/mineral spirits; p) see attached narrative.





### QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0708058

EPA Method SW8021B/8015Cm		Extraction SW5030B			BatchID: 29734				Spiked Sample ID: 0708058-006A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) <sup>£</sup>	ND	60	80	90.6	12.4	100	79.2	23.6	70 - 130	30	70 - 130	30
MTBE	ND	10	102	96.5	5.45	83.2	92.1	10.1	70 - 130	30	70 - 130	30
Benzene	ND	10	92.2	89.4	3.12	95	91.8	3.37	70 - 130	30	70 - 130	30
Toluene	ND	10	106	97.7	7.97	99	95.1	3.97	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	95.7	93.2	2.65	98.2	93	5.46	70 - 130	30	70 - 130	30
Xylenes	ND	30	91	86.7	4.88	95	91.3	3.94	70 - 130	30	70 - 130	30
%SS:	103	10	102	101	1.42	104	98	6.74	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

#### BATCH 29734 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0708058-001A	08/01/07 2:40 PM	08/08/07	08/08/07 6:09 AM	0708058-002A	07/31/07 5:40 PM	08/06/07	08/06/07 4:25 PM
0708058-003A	07/31/07 5:30 PM	08/06/07	08/06/07 5:26 PM	0708058-004A	07/31/07 5:50 PM	08/08/07	08/08/07 7:38 AM
0708058-005A	07/31/07 6:00 PM	08/07/07	08/07/07 10:16 PM	0708058-006A	08/02/07 9:30 AM	08/06/07	08/06/07 6:26 PM
0708058-007A	08/01/07 2:50 PM	08/06/07	08/06/07 6:56 PM	0708058-008A	08/01/07 2:15 PM	08/06/07	08/06/07 2:22 PM
0708058-009A	08/01/07 12:40 PM	08/06/07	08/06/07 2:54 PM	0708058-010A	08/01/07 12:25 PM	08/06/07	08/06/07 3:28 PM
0708058-011A	08/01/07 1:45 PM	08/06/07	08/06/07 4:35 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

# cluttered chromatogram; sample peak coelutes with surrogate peak.



### QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder 0708058

EPA Method SW8015C		Extraction SW3510C			BatchID: 29733			Spiked Sample ID: N/A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	84.3	83	1.65	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	94	92	2.61	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:  
NONE

#### BATCH 29733 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0708058-001B	08/01/07 2:40 PM	08/02/07	08/09/07 12:33 PM	0708058-002B	07/31/07 5:40 PM	08/02/07	08/08/07 9:59 PM
0708058-003B	07/31/07 5:30 PM	08/02/07	08/08/07 8:48 PM	0708058-004B	07/31/07 5:50 PM	08/02/07	08/09/07 12:11 PM
0708058-005B	07/31/07 6:00 PM	08/02/07	08/09/07 10:58 AM	0708058-006B	08/02/07 9:30 AM	08/02/07	08/08/07 11:13 AM
0708058-007B	08/01/07 2:50 PM	08/02/07	08/09/07 10:58 AM	0708058-008B	08/01/07 2:15 PM	08/02/07	08/09/07 9:46 AM
0708058-009B	08/01/07 12:40 PM	08/02/07	08/09/07 9:46 AM	0708058-010B	08/01/07 12:25 PM	08/02/07	08/09/07 12:33 PM
0708058-011B	08/01/07 1:45 PM	08/02/07	08/08/07 4:31 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 \* (MS-Sample) / (Amount Spiked); RPD = 100 \* (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

**APPENDIX D**  
**AUGUST 20, 2007**  
**WASTEWATER DISCHARGE**  
**TECHNICAL REPORT**



August 22, 2007  
Report 0304.R10

Deirdre Mena  
East Bay Municipal Utility District  
P.O. Box 24055  
Oakland, CA 94623-1055

SUBJECT: WASTEWATER DISCHARGE TECHNICAL REPORT  
989 41<sup>st</sup> Street  
Oakland, CA

Dear Ms. Mena:

RGA Environmental, Inc. (RGA) is pleased to present this report documenting the operation of the wastewater treatment system and wastewater discharge from the subject site to the East Bay Municipal Utility District (EBMUD) treatment plant. This report is to satisfy the compliance and reporting requirements of Special Discharge Permit 50601281. A Site Location Map (Figure 1) and a Site Plan (Figure 2) showing the location of the treatment system and the discharge point are attached to this report.

#### BACKGROUND

The site was last used as a linen cleaning facility, and still houses some of the remaining equipment. To discharge treated effluent from a groundwater treatment system, Wastewater Discharge Permit number 5059598 1 was obtained from EBMUD, effective September 22, 2006.

#### FIELD ACTIVITIES

The groundwater treatment system became operational on October 12, 2006. Except for a few instances of temporary shutdown due to maintenance/ replacement of machine parts, rain, a rebound evaluation associated with site remediation, and change of extraction systems and consultants, the extraction system has been running continuously since the startup date. On August 7, 2007 the use of the extraction system was discontinued because of the reduction in groundwater contaminants and the discontinuation of the groundwater pumping program. A total of 125,220 gallons was discharged. Operational changes and required monthly totalizer readings are summarized in Table 1.

## DISCUSSION AND RECOMMENDATIONS

The wastewater treatment system has operated in accordance with the conditions specified in the EBMUD permit. This report is submitted to satisfy permit requirements that documentation of pumping be provided to EBMUD upon the cessation of discharge.

## LIMITATIONS

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; and our professional judgment based on said information at the time of preparation of this document. If future conditions are revealed which vary from these findings, the newly revealed conditions must be evaluated and may invalidate the findings of this report.

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.

## CERTIFICATION

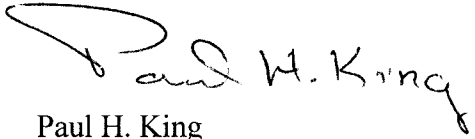
I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

August 22, 2007  
Report 0304.R10

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

Sincerely,

RGA Environmental, Inc.



Paul H. King  
Professional Geologist #5901  
Expires: 12/31/07



Karin Schroeter  
Project Manager

Attachments: Table 1 - Summary of Totalizer Readings, Wastewater Treatment System  
Figure 1 - Site Vicinity Map  
Figure 2 - Site Plan  
Appendix A – Water Meter Field Data Sheets and Field Notes

PHK/sjc  
0304.R10

**TABLE 1**  
**SUMMARY OF OPERATIONAL CHANGES AND TOTALIZER READINGS**  
**WASTEWATER TREATMENT SYSTEM**

<b>Date</b>	<b>System Conditions</b>
10/12/06	System startup
11/12/06	Cumulative gallons discharged = 15,880
12/12/06	Cumulative gallons discharged = 32,770
12/19/06	Cumulative gallons discharged = 35,450
12/20/06	Cumulative gallons discharged = 35,940
12/21/06	Cumulative gallons discharged = 36,350
12/22/06	Cumulative gallons discharged = 36,710
12/23/06	Cumulative gallons discharged = 37,040
12/24/06	Cumulative gallons discharged = 37,400
12/25/06	Cumulative gallons discharged = 38,110
12/26/06	Cumulative gallons discharged = 38,790
12/27/06	Cumulative gallons discharged = 39,520
12/28/06	Cumulative gallons discharged = 40,140
12/29/06	Cumulative gallons discharged = 40,790
12/30/06	Cumulative gallons discharged = 41,460
12/31/06	Cumulative gallons discharged = 41,950
1/1/07	Cumulative gallons discharged = 42,460
1/2/07	Cumulative gallons discharged = 42,940
1/3/07	Cumulative gallons discharged = 43,510
1/4/07	Cumulative gallons discharged = 43,950
1/5/07	Cumulative gallons discharged = 44,500
1/6/07	Cumulative gallons discharged = 45,110
1/7/07	Cumulative gallons discharged = 45,800
1/8/07	Cumulative gallons discharged = 46,470
1/9/07	Cumulative gallons discharged = 47,180

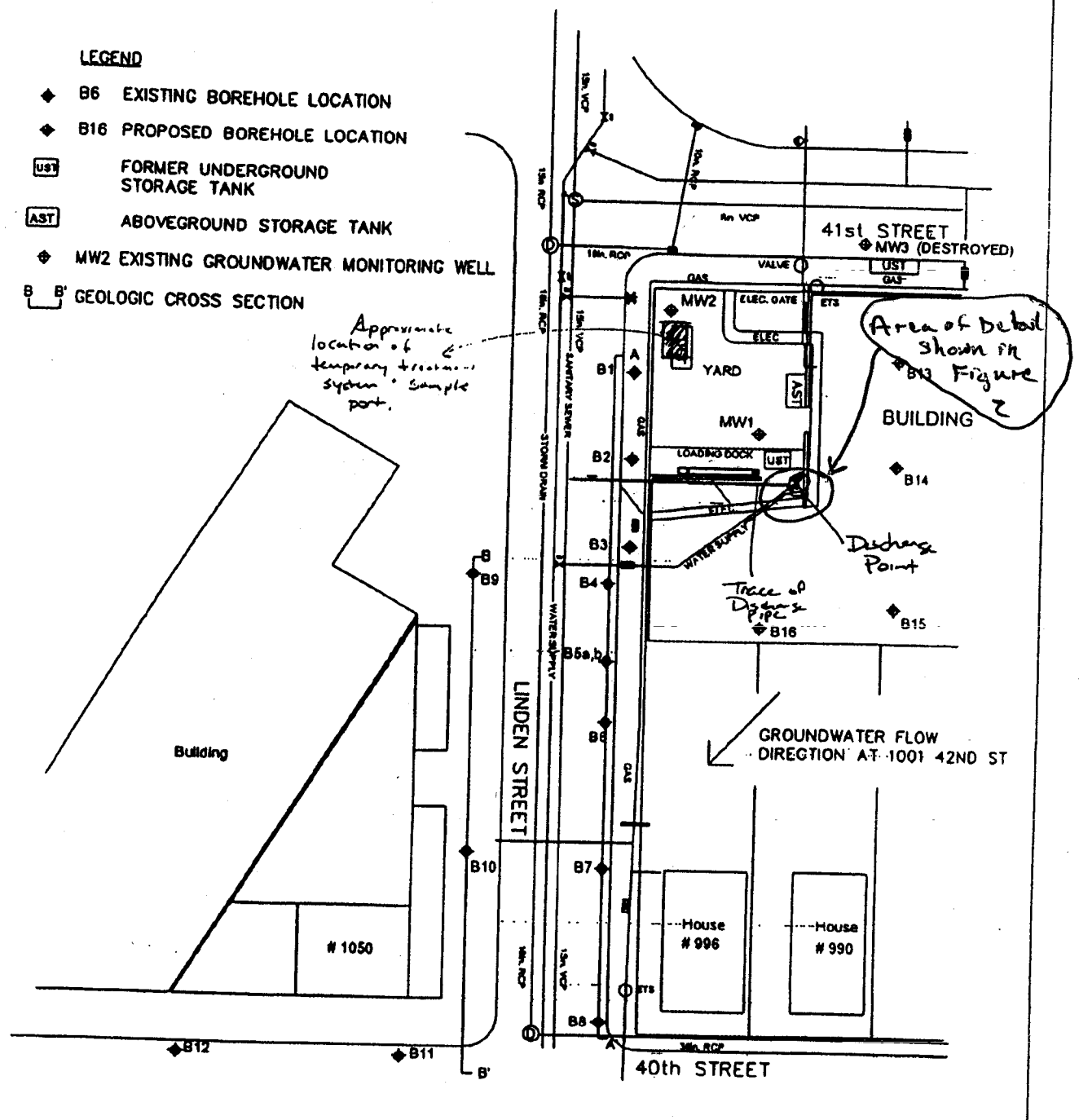
TABLE 1  
 SUMMARY OF TOTALIZER READINGS  
 WASTEWATER TREATMENT SYSTEM  
 (Continued)

Date	System Conditions
1/10/07	Cumulative gallons discharged = 47,820
1/11/07	Cumulative gallons discharged = 48,330
1/12/07	Cumulative gallons discharged = 48,790
1/13/07	Cumulative gallons discharged = 49,210
2/12/07	Cumulative gallons discharged = 65,330
3/12/07	Cumulative gallons discharged = 82,210
3/19/07	Temporarily stop discharging to evaluate system rebound at 0800 AM. Cumulative gallons discharged = 86,640
4/3/07	Restart discharge at 0800 AM following completion of rebound evaluation. Cumulative gallons discharged = 86,640
4/12/07	Cumulative gallons discharged = 92,000
5/12/07	Cumulative gallons discharged = 104,670
5/31/07	Temporarily stop discharging 0855 AM to bring in new remediation vendor. Cumulative gallons discharged = 111,160
6/8/07	Restart discharge with new remediation vendor. Cumulative gallons discharged = 111,160
6/14/07	Cumulative gallons discharged = 112,811
6/18/07	Cumulative gallons discharged = 113,828
6/21/07	Cumulative gallons discharged = 114,516
6/25/07	Cumulative gallons discharged = 115,347
6/26/07	Cumulative gallons discharged = 115,642
7/11/07	Cumulative gallons discharged = 120,217
8/7/07	Shutdown of system. Cumulative gallons discharged = 125,220



**LEGEND**

- ◆ B6 EXISTING BOREHOLE LOCATION
- ◆ B16 PROPOSED BOREHOLE LOCATION
- UST FORMER UNDERGROUND STORAGE TANK
- AST ABOVEGROUND STORAGE TANK
- ◆ MW2 EXISTING GROUNDWATER MONITORING WELL
- B-B' GEOLOGIC CROSS SECTION

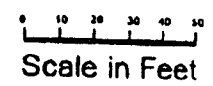


**Figure 1**  
 Site Vicinity Map Showing Borehole and Geologic Cross Section Locations  
 California Linen Rental Company  
 989 41st. Street  
 Oakland, California



Based Map From  
 California Utility Survey  
 Utility Sketch Plan  
 Feb. 14, 2005

RGA Environmental, Inc.  
 1466 66th St.  
 Emeryville, CA 94608

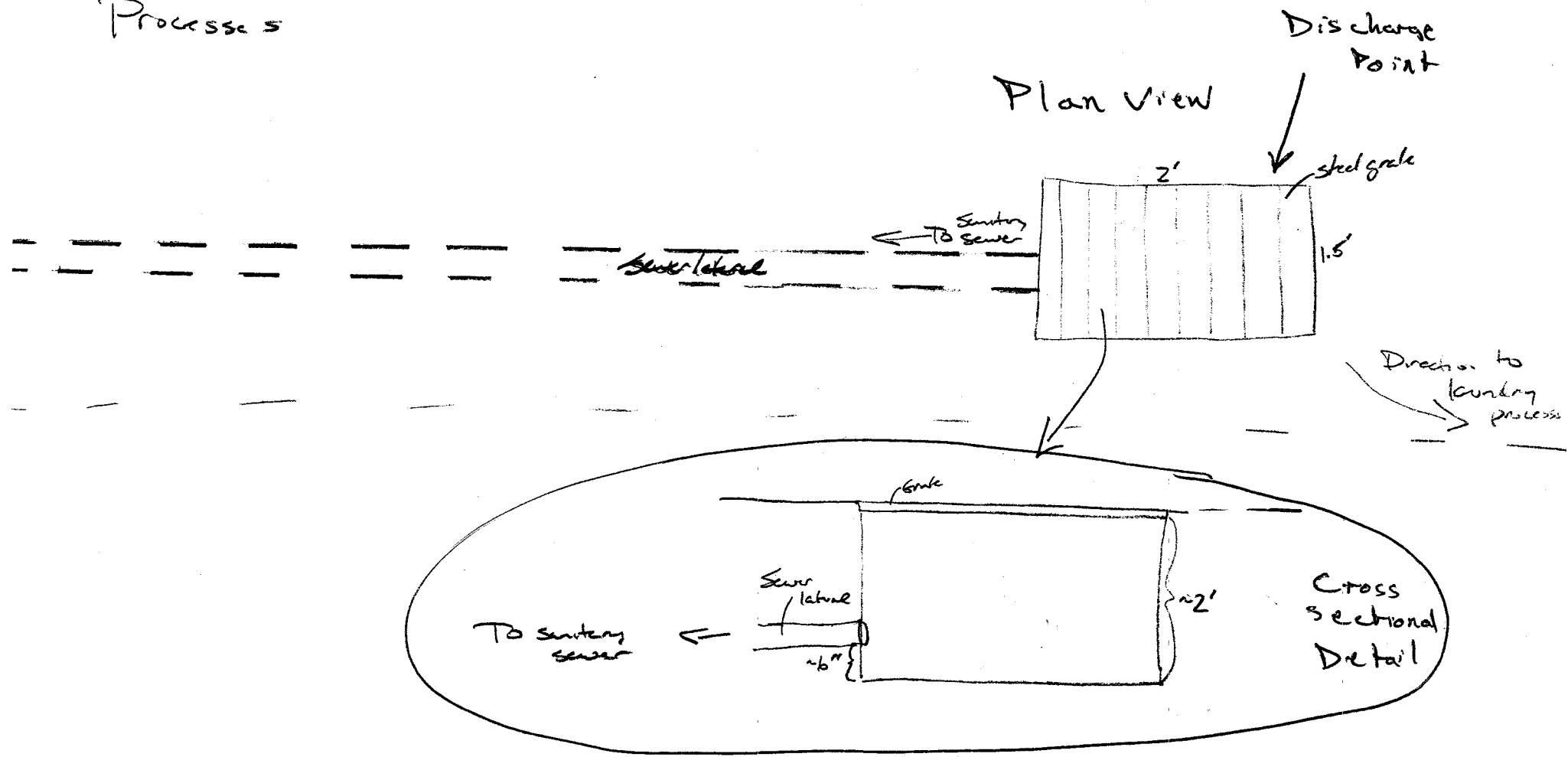


Common area

Wall

Doorway  
to landing deck

Process 5



Site Plan

Figure 2 - Floor Drain - Map  
Plan Views

Not to scale

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

Project Location: 889 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

CALCLEAN INC.

(714) 734-9137

Date: 11/11/2008

Page 2 of 2

Client: CALIFORNIA LINEN

Operator (s): BRANDON / Patrick

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	8	11/21	0800	368190	20930	500	12/3	0800	374950	27690	580
11/11	0800	362780	15520	500	11/22	0800	368730	21470	540	12/4	0800	375580	28320	630
11/12	0800	363140	15880	360	11/23	0800	369220	21960	490	12/5	0800	376260	29000	680
11/13	0800	363650	16390	510	11/24	0800	369730	22470	510	12/6	0800	376910	29650	650
11/14	0800	364280	17020	630	11/25	0800	370280	23020	550	12/7	0800	377630	30370	720
11/15	0800	364700	17530	510	11/26	0800	370820	23560	540	12/8	0800	378610	30880	480
11/16	0800	365440	18180	650	11/27	0800	371310	24080	520	12/9	0800	378620	31360	510
11/17	0800	366070	18810	630	11/28	0800	371980	24720	670	12/10	0800	379040	31780	420
11/18	0800	366610	19350	540	11/29	0800	372620	25360	640	12/11	0800	379510	32250	470
11/19	0800	367130	19870	520	11/30	0800	373200	25940	580	12/12	0800	380030	32770	520
11/20	0800	367690	20430	560	12/1	0800	373830	26570	630	12/13	0800	380410	33150	380
					12/2	0800	374370	27110	540	12/14	0800	380620	33560	410
										12/15	0800	381210	33980	390
										12/16	0800	381530	34290	340
										12/17	0800	381880	34620	330



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

CALCLEAN INC.

(714) 734-9137

Page 4 of     

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

Date: 2/3/2008

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	0800	424530	77270	590
2/3	0800	405630	58370	450	2/18	0800	416200	68940	590	3/5	0800	425150	77890	620
2/4	0800	406180	58920	550	2/19	0800	416820	69560	620	3/6	0800	425760	78500	610
2/5	0800	406730	59470	550	2/20	0800	417380	70120	560	3/7	0800	426360	79100	600
2/6	0800	407080	59820	350	2/21	0800	417980	70720	600	3/8	0800	426940	79680	580
2/7	0800	407550	60290	470	2/22	0800	418590	71330	610	3/9	0800	427570	80310	630
2/8	0800	408500	61240	950	2/23	0800	419210	71950	620	3/10	0800	428180	80920	610
2/9	0800	409130	61870	630	2/24	0800	419800	72540	590	3/11	0800	428840	81580	660
2/10	0800	410740	63480	1610	2/25	0800	420370	73110	570	3/12	0800	429470	82210	630
2/11	0800	411610	64350	870	2/26	0800	420980	73720	610	3/13	0800	430080	82820	610
2/12	0800	412590	65330	980	2/27	0800	421570	74310	590	3/14	0800	430670	83410	590
2/13	0800	413180	65920	590	2/28	0800	422190	74930	620	3/15	0800	431330	84070	660
2/14	0800	413790	66530	610	3/1	0800	422770	75510	580	3/16	0800	431980	84720	650
2/15	0800	414420	67160	630	3/2	0800	423320	76060	550	3/17	0800	432570	85310	590
2/16	0800	415000	67740	580	3/3	0800	423940	76680	620	3/18	0800	433130	85970	560
										3/19	0800	433900	86640	770



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

Project Location: 989 41ST STREET

City: OAKLAND

Site #: CALIFORNIA LINEN

CALCLEAN INC.

(714) 734-9137

Client: CALIFORNIA LINEN

Operator (s): JASON

Date: 5/3/2006-2007

Page 2 of 2

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.
5/3	0800	448090	14190	310	5/13	0800	452100	18200	310	5/23	0800	455440	21540	330
	2000	448290	14390	290		2000	452260	18360	330		2000	455540	21640	210
5/4	0800	448470	14570	380	5/14	0800	452400	18500	300	5/24	0800	455770	21870	330
	2000	448670	14770	380		2000	452540	18640	280		2000	455900	22000	360
5/5	0800	448880	14980	410	5/15	0800	452780	18880	380	5/25	0800	455950	22050	180
	2000	448980	15080	310		2000	452890	18990	350		2000	456120	22220	250
5/6	0800	449090	15190	210	5/16	0800	453120	19220	340	5/26	0800	456320	22420	370
	2000	449950	16050	870		2000	453240	19340	350		2000	456490	22590	370
5/7	0800	449950	16050	860	5/17	0800	453370	19470	250	5/27	0800	456660	22760	340
	2000	450210	16310	260		2000	453570	19670	330		2000	456830	22930	340
5/8	0800	450290	16390	340	5/18	0800	453680	19780	310	5/28	0800	456960	23060	300
	2000	450480	16580	270		2000	453850	19950	280		2000	457050	23150	220
5/9	0800	450660	16760	370	5/19	0800	454030	20130	350	5/29	0800	457160	23260	200
	2000	450790	16890	310		2000	454150	20250	300		2000	457320	23420	270
5/10	0800	451000	17100	340	5/20	0800	454250	20350	220	5/30	0800	457460	23560	300
	2000	451180	17280	390		2000	454350	20450	200		2000	458080	24180	760
5/11	0800	451370	17470	370	5/21	0800	454470	20570	220	5/31	0800	458080	24180	620
	2000	451510	17610	330		2000	455110	21210	760		0855	458420	24520	
5/12	0800	451790	17890	420	5/22	0800	455110	21210	640					
	2000	451930	18030	420		2000	455330	21430	220					

6/8/07

0204

T&S system install

Robberson (make), S. Carmack, Pking (RGA)

MW1, E6, E7, + E8

onsite @ ~ 1315 hrs

offsite @ . 1915 hrs

pic log

- 1 - drums
- 2 - ext. system
- 3 - hoses to system + well
- 4 - Power + alarm panel
- 5 - Inside panel lights
- 6 - ~~Tele~~ Sensophone 1104 unit
- 7 - drums hooked up
- 8 + 9 - hard piping discharge
- 10 - propane tank
- 11 - discharge into sewer
- 12 - discharge line inside bldg.

hrs → 101160

Propane → ~ 86%

Totalizer  
 97,910 = 0

E6 → ~ 20" Hg

E6 + MW1 74 ppm vol

E6 → ~ 50 ppm vol...

MW1 → 94 ppm vol...

actual cubic feet/minute

actm  
scfm

339 cfm - E6, MW1, + E7  
58 ppmv

Totalizer  
97970  
(60 calls)



6/14/07  
Sic

RGA CLR  
0304  
Tx System check

Totalizer → 0099560 1.4

Propane → 5070

Hrs → 10249 <sup>3</sup>/<sub>10</sub> hrs

Vac → 24" Hg

No leaks

e815-

onsite - 0830

offsite - 0845

office

6/18/07

0304 CLR

Tx System ✓

SJC

0930 onsite 1.5 mi to site

Propane → ~60%

103463<sup>10</sup>/<sub>10</sub> hrs

Tot → 1005708.3

Vac → ~21" Hg

0935 offsite

6/21/07

onsite 0805hrs

Americas @ ~ 0835hrs

prop  $\frac{\text{pre fill}}{\text{post fill}}$   
 $\rightarrow \sim 40\% \quad \sim 82\%$

Tot  $\rightarrow 010126 \quad 6.4$

Hrs  $\rightarrow 10417 \%$

Vac  $\rightarrow 15'' \text{ Hg}$

6/25/07 0304

SJC Cal. Linen Rental

Americas → Paper tank  
fill

~1015 hrs

10514  $\frac{7}{10}$  hrs

Tot → 010209 (7.1)

Vac → ~13" Hg

Paper → ~80%

6/26/07  
0304  
SJC

0945 on-site

Inspect TX System + hard piping discharge inside bldg.

~~Tank~~ ~~SIC~~ ~~closed valves~~ → Removed stinger from E-8 (off duct to issues)

Closed valves on MW1, E6, + E7 + opened E-8

• slowly lowered stinger

introduced MW1, E6, + E7 individ. ~~st~~ at a time

took a few attempts to get all 4 extracting, seem to be ok.

Prepare → ~ 70%

Hours → 10540 1/10

Tot → 0102392.2

Vac → ~ 11" Hg

Off-site @ ~ 1145 hrs

7/14/07  
0304  
sjc

14 ppmV Total  
Influent 1545 hrs -

Isolate each well + sample through influent

Prep time  $\rightarrow$  ~ 77%  
Hrs  $\rightarrow$  10904 6/10

Tot  $\rightarrow$  10696 6.9

Vac  $\rightarrow$  8" Hg

Effluent @ 1605 hrs

Influent @ 1610 hrs

0304 tot

8/7/07

Shutdown

011196 9.9

