WAYNE PERRY, INC.

Environmental Remediation, Construction and Consulting

September 15, 2005

Equilon Enterprises LLC dba Shell Oil Products US
20945 S. Wilmington Avenue
Carson, California 90810
Attention: Mr. Larry Jacobs

SUBJECT: PHASE II SITE ASSESSMENT REPORT
SHELL SERVICE STATION
23387 PACIFIC COAST HIGHWAY (at Cross Creek Road)
MALIBU, CALIFORNIA
WPI PROJECT NO. 04-137R

Environmental Engineer: Mr. Edward Paden — Tel. No.: (310) 816-2075
Consultant Contact: Mr. Erik Gaiser — Tel. No.: (714) 826-0352

INTRODUCTION

This report, prepared by Wayne Perry, Inc. (WPI) on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), presents the results of assessment activities performed at the Shell Service Station at 23387 Pacific Coast Highway (site) in Malibu, California (Figure 1). The purpose of this investigation was to collect data to establish baseline concentrations of petroleum hydrocarbons and oxygenated compounds in soil and groundwater beneath the site prior to a real estate transaction.

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BACKGROUND

Site Description

The site is located on the northeast corner of the intersection of Pacific Coast Highway and Cross Creek Road in Malibu, California (Figure 1). In May 2004, two 20,000-gallon double-walled underground storage tanks (USTs) were installed as part of the SB989 upgrade activities and replaced the previous four 10,000-gallon single-walled fiberglass USTs at the site. In addition to the two fuel USTs, there are four dispenser islands with associated piping, a 550-gallon double-walled waste-oil UST, and a station building at the site (Figure 2). The surrounding land use is a combination of commercial and residential.

Site History

Date	Activity/Method	No. of Wells, Borings or Samples	Report Date	Consultant	Comments
10/98	Compliance upgrade soil sampling	10 soil samples	10/9/98	WPI	Highest concentrations of TPH-G, TPH-D, and benzene were 3,450 mg/kg, 1,240 mg/kg, and 3.6 mg/kg, respectively, in Sample D3-2 beneath a product dispenser. MTBE was detected in five samples at concentrations ranging from 0.533 to 93 mg/kg. Hydrocarbon compounds were detected in all soil samples.
10/02	Request for additional information, UST program	---	10/29/02	---	Requested by the California Regional Water Quality Control Board – Los Angeles (CRWQCB-LA).
12/02	Additional site information, UST program	---	12/16/02	WPI	
12/02	Request for additional site assessment	---	12/30/02	---	Based on review of Additional Site Information, the CRWQCB-LA requested a work plan for installation of a minimum of four monitoring wells at the site.
2/03	Work plan for additional site assessment	---	2/14/03	WPI	Proposed four groundwater monitoring wells.

Date	Activity/Method	No. of Wells, Borings or Samples	Report Date	Consultant	Comments
5/03	Additional site assessment	4 wells (MW-1 to MW-4)	6/27/03	WPI	The highest petroleum hydrocarbon concentrations appear to be located in the upper 5 feet in the vicinity of the USTs. The maximum TPH-G, TPH-D, benzene and MTBE were 190 mg/kg, 230 mg/kg, 4,000 µg/kg and 46 µg/kg, respectively.
5/04	SB989 Upgrade	11 soil samples	7/15/04	WPI	TPH-G, TPH-D, benzene, and MTBE were detected in soil samples collected from beneath the dispenser islands and product piping.
8/04	Agency letter	---	8/31/04	---	CRWQCB-LA closed the UST case and determined that the existing wells may not be abandoned, due to a possible future sampling requirement for the WDR permit.

Well/boring data are in Table 1. Soil analytical data are in Table 2. Historical groundwater data are in Table 3.

Geologic and Hydrogeologic Settings

The site is approximately 17 feet above mean sea level (USGS, 1950) and is underlain by Holocene alluvium (Dibblee, 1993). Based on data from previous assessment activities, the alluvium consists primarily of fine-grained sand, gravely sand, and silty sand to a depth of approximately 35 feet (WPI, 2003).

Hydrogeologically, the site is located within the Malibu Creek Watershed Area of the northwest corner in Los Angeles County (LACDPW-HR, 2002). Since June 2003, first groundwater has been measured in site wells at depths between approximately 9 and 12 feet (WPI, 2004).

SITE ASSESSMENT ACTIVITIES

Pre-Field Activities

Details of the pre-field activities are in Appendix A.

Drilling and Soil Sampling Activities

On June 24 and July 1, 2005, Borings GP-1 through GP-7 were drilled and sampled to depths between approximately 8 and 15 feet at the locations shown on Figure 2. Soil samples were collected at approximately 5-foot intervals to the total depth drilled using EPA Method 5035 protocols. Groundwater samples were collected from Borings GP-4, GP-6, and GP-7 using a Hydropunch™ sampling tool.

The drilling and soil/groundwater sampling were performed under a site-specific WPI Site Safety and Health Plan and under the supervision of a California Professional Geologist. Details of the drilling and soil sampling procedures are in Appendix A. Descriptions of the subsurface materials observed were recorded on boring logs and are in Appendix B.

Laboratory Analysis of Soil and Groundwater

Soil and groundwater samples were delivered to Calscience Environmental Laboratories, Inc. under chain-of-custody procedures and analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and diesel (TPH-D) using EPA Method 8015M; and for benzene, toluene, ethylbenzene, xylenes (BTEX) and oxygenates using EPA Method 8260B.

SITE ASSESSMENT FINDINGS

Site Geology and Hydrogeology

Soils observed during drilling consisted primarily of sandy gravel, fine- to coarse-grained gravelly sand with silt and clay, and fine-grained sand to the maximum drilled depth of approximately 15 feet.

Groundwater was observed in Borings GP-3, GP-4, GP-6, and GP-7 at depths between approximately 9 and 12 feet during drilling.

Soil Analytical Results

TPH-G was detected in the 7-foot samples collected from GP-1 (200 mg/kg), GP-2 (2,600 mg/kg), and GP-7 (37 mg/kg) and the 10-foot sample from GP-3 (1.8 mg/kg). TPH-D was detected in the 7-foot samples collected from GP-1 (760 mg/kg), GP-2 (6,600 mg/kg) and

the 15-foot sample collected from GP-6 (8.4 mg/kg). Benzene was detected in samples from Borings GP-1 through GP-3, GP-6, and GP-7 at depths up to approximately 10 feet and ranged from 1.0 µg/kg (GP-3 at 7 feet) to 3,800 µg/kg (GP-2 at 7 feet). MTBE was detected in the 7-foot (38 µg/kg) and 10-foot (9.4 µg/kg) samples from GP-7. TBA was detected in the 7-foot sample from GP-2 and in samples from GP-7 at depths between 7 and 15 feet and ranged from 32 µg/kg (GP-7 at 10 feet) to 9,700 µg/kg (GP-2 at 7 feet).

Soil analytical data are in Table 2 and summarized on Figure 3. Copies of the laboratory reports and chain-of-custody documentation are in Appendix C.

Groundwater Analytical Results

Benzene, DIPE, ETBE, and TAME were not detected in the groundwater samples. TPH-G was detected in samples from GP-6 (4,200 µg/L) and GP-7 (110 µg/L). TPH-D was detected in the samples collected from GP-6 (1,500 µg/L) and GP-7 (1,500 µg/L). MTBE (4.2 µg/L) was detected in the sample from GP-7. TBA (17 µg/L) was detected in the sample from GP-6.

Hydropunch™ groundwater analytical data are in Table 4 and summarized on Figure 4. Copies of the laboratory reports and chain-of-custody documentation are in Appendix C.

DISCUSSION

Prior to receiving case closure on August 31, 2004, the site was an open Leaking Underground Storage Tank case under the jurisdiction of the CRWQCB-LA (Case ID No. 902650052A). Based on assessment data from May 2003, shallow soils, at depths up to primarily 5 to 7 feet, at the site were impacted by petroleum hydrocarbons and, to a very limited extent, MTBE at the time of closure (Table 2). In addition, historic monitoring data indicated that groundwater beneath the site typically had low (less than state established MCLs) to non-detectable concentrations of benzene and MTBE at the time of closure (Table 3). Based this data, analytical results for soil and groundwater samples obtained from this Phase II site assessment are within the ranges of those known to be present at the time the CRWQCB-LA granted case closure.

WARRANTY STATEMENT

This report has been prepared by Wayne Perry, Inc. for the exclusive use of Shell, as it pertains to the Shell Service Station at 23387 Pacific Coast Highway, California. Our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other geologists, hydrogeologists, and engineers practicing in this field. No other warranty, express or implied, is made as to the professional advice in this report.

If you have any questions or require additional information regarding this report, please contact the undersigned at (714) 826-0352.

Respectfully submitted,
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Attachments: Table 1, Well/Boring Data
Table 2, Soil Analytical Data
Table 3, Historical Groundwater Data
Table 4, Hydropunch™ Groundwater Data

Figure 1, Site Location Map
Figure 2, Plot Plan
Figure 3, Hydrocarbon Distribution in Soil Map
Figure 4, Hydrocarbon Distribution in Groundwater Map

Appendix A, Pre-Field and Field Procedures
Appendix B, Boring Logs
Appendix C, Laboratory Analytical Reports and Chain-of-Custody Documentation

REFERENCES

Dibblee, T.W., Jr., 1993, Geologic Map of the Malibu Beach Quadrangle, Los Angeles County, California: Dibblee Geologic Foundation Map DF-47.

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U.S. Geological Survey (USGS), 1950 (photorevised 1981), Malibu Beach Quadrangle, California – Los Angeles County, 7.5-Minute Series (Topographic), Scale 1:24,000.

Wayne Perry, Inc. (WPI), 2003, Site Assessment Report, Shell Service Station, 23387 Pacific Coast Highway (at Cross Creek Road), Malibu, California: Report prepared for Equilon Enterprises LLC dba Shell Oil Products US, dated June 27, 2003.

WPI, 2004, Quarterly Status and Groundwater Monitoring Report, Third Quarter 2004, Shell Service Station, 23387 Pacific Coast Highway (at Cross Creek Road), Malibu, California: Report prepared for Equilon Enterprises LLC dba Shell Oil Products US, dated October 6, 2004.

APPENDICES

TABLES

TABLE 1
WELL/BORING DATA
Shell Service Station
23387 Pacific Coast Highway, Malibu

Boring/ Well ID	Boring/Well Type	Date Drilled/ Installed	Surface Elevation (feet)	Total Depth (feet)	Sample Increment or Depth(s) (feet)	First Groundwater* (feet)		Screen Diameter (inches)	Screen Depth (feet)		Sand Pack Interval (feet)	Comments
						Depth	Elevation		Top	Bottom		
MW-1	Monitoring well	5/20/03	16.70	35	5	5 to 35	11.52	5.18	4	10	35	8 to 35	
MW-2	Monitoring well	5/20/03	17.27	35	5	5 to 35	12.16	5.11	4	10	35	8 to 35	
MW-3	Monitoring well	5/20/03	17.21	35	5	5 to 35	12.15	5.06	4	9	34	7 to 35	
MW-4	Monitoring well	5/20/03	17.31	35	5	5 to 35	12.23	5.08	4	6	31	5 to 35	
GP-1	Soil boring	7/1/05	--	8.5	5	7	--	--	--	--	--	--	
GP-2	Soil boring	7/1/05	--	8	5	7	--	--	--	--	--	--	
GP-3	Soil boring	6/24/05	--	15	5	7 to 15	10	--	--	--	--	--	
GP-4	Soil boring	6/24/05	--	11	5	7 and 10	9	--	--	--	--	--	Hydropunch™ sample collected
GP-5	Soil boring	6/24/05	--	7	--	--	--	--	--	--	--	--	
GP-6	Soil boring	7/1/05	--	15	5	7 to 15	12	--	--	--	--	--	Hydropunch™ sample collected
GP-7	Soil boring	7/1/05	--	15	5	7 to 15	12	--	--	--	--	--	Hydropunch™ sample collected

Notes:
Depths in feet below ground surface
*-Groundwater data from initial monitoring event

TABLE 2
SOIL ANALYTICAL DATA
Shell Service Station
23387 Pacific Coast Highway, Malibu

Sample ID and Depth (feet)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE (µg/kg)	TBA (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)	Comments/ Soil Type (USCS)
MW-1	5/21/03											
5	190	230	150	2600	ND<91	290	ND<180	ND<1800	ND<91	ND<91	ND<91	sp
10	ND<0.27	ND<5.0	1.7	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<20	ND<1.0	ND<1.0	ND<1.0	sp
15	ND<0.24	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<20	ND<1.0	ND<1.0	ND<1.0	sp
20	0.49	ND<5.0	ND<0.94	ND<0.94	ND<0.94	ND<0.94	ND<1.9	ND<19	ND<0.94	ND<0.94	ND<0.94	sp
25	ND<0.29	ND<5.0	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<2.1	ND<21	ND<1.1	ND<1.1	ND<1.1	sp
30	0.35	ND<5.0	0.97	1.3	ND<0.94	2.0	ND<1.9	ND<19	ND<0.94	ND<0.94	ND<0.94	sp
35	ND<0.23	ND<5.0	ND<0.98	ND<0.98	ND<0.98	ND<0.98	ND<2.0	ND<20	ND<0.98	ND<0.98	ND<0.98	sp
MW-2	5/21/03											
5	46	150	4000	1300	ND<100	ND<100	ND<200	ND<2000	ND<100	ND<100	ND<100	sp
10	ND<0.23	ND<5.0	3.5	2.9	1.3	3.0	ND<1.9	ND<19	ND<0.95	ND<0.95	ND<0.95	sp
15	ND<0.24	ND<5.0	2.0	ND<1.0	1.1	ND<1.0	ND<2.0	ND<20	ND<1.0	ND<1.0	ND<1.0	sp
20	ND<0.23	ND<5.0	2.2	1.2	ND<0.93	ND<0.93	ND<1.9	ND<19	ND<0.93	ND<0.93	ND<0.93	sp
25	ND<0.28	ND<5.0	1.4	ND<1.1	ND<1.1	ND<1.1	ND<2.1	ND<21	ND<1.1	ND<1.1	ND<1.1	sp
30	ND<0.26	ND<5.0	ND<0.99	ND<0.99	ND<0.99	ND<0.99	ND<2.0	ND<20	ND<0.99	ND<0.99	ND<0.99	sp
35	ND<0.25	ND<5.0	2.8	ND<1.0	ND<1.0	ND<1.0	ND<2.1	ND<21	ND<1.0	ND<1.0	ND<1.0	sp
MW-3	5/20/03											
5	6.2	11	ND<1.1	ND<1.1	ND<1.1	ND<1.1	5.4	24	ND<1.1	ND<1.1	ND<1.1	sp
10	ND<0.28	ND<5.0	1.4	ND<1.1	ND<1.1	ND<1.1	3.1	33	ND<1.1	ND<1.1	ND<1.1	sp
15	ND<0.27	ND<5.0	1.3	ND<1.1	ND<1.1	ND<1.1	ND<2.1	ND<21	ND<1.1	ND<1.1	ND<1.1	sp
20	ND<0.27	ND<5.0	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<2.2	ND<22	ND<1.1	ND<1.1	ND<1.1	sp
25	ND<0.26	ND<5.0	ND<1.2	ND<1.2	ND<1.2	ND<1.2	ND<2.3	ND<23	ND<1.1	ND<1.1	ND<1.1	sp
30	ND<0.26	ND<5.0	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<2.1	ND<21	ND<1.2	ND<1.2	ND<1.2	sp
35	ND<0.25	ND<5.0	1.2	ND<1.2	ND<1.2	ND<1.2	ND<2.3	ND<23	ND<1.2	ND<1.2	ND<1.2	sp

Notes:
NA - Not analyzed
ND - Not detected (less than detection limit)

TABLE 2
SOIL ANALYTICAL DATA
Shell Service Station
23387 Pacific Coast Highway, Malibu

Sample ID and Depth (feet)	TPH-G (mg/kg)	TPH-D (mg/kg)	Benzene (µg/kg)	Toluene (µg/kg)	Ethyl-benzene (µg/kg)	Total Xylenes (µg/kg)	MTBE (µg/kg)	TBA (µg/kg)	DIPE (µg/kg)	ETBE (µg/kg)	TAME (µg/kg)	Comments/ Soil Type (USCS)
MW-4	5/20/03											
5	ND<0.33	ND<5.0	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<2.2	ND<22	ND<1.1	ND<1.1	ND<1.1	sp
10	1.6	ND<5.0	ND<0.95	ND<0.95	ND<0.95	ND<1.1	46	62	ND<0.95	ND<0.95	ND<0.95	sp
15	2.6	ND<5.0	1.6	ND<0.96	1.3	ND<0.96	5.8	ND<19	ND<0.96	ND<0.96	ND<0.96	sp
20	ND<0.24	ND<5.0	1.8	ND<1.1	1.6	ND<1.1	ND<2.1	ND<21	ND<1.1	ND<1.1	ND<1.1	sp
25	ND<0.26	ND<5.0	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<2.1	ND<21	ND<1.1	ND<1.1	ND<1.1	sp
30	ND<0.28	ND<5.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.1	ND<21	ND<1.0	ND<1.0	ND<1.0	sp
35	ND<0.29	ND<5.0	ND<1.1	ND<1.1	ND<1.1	ND<1.1	ND<2.1	ND<21	ND<1.1	ND<1.1	ND<1.1	sp
GP-1	6/24/05											
7	200	760	110	ND<85	1900	2780	ND<170	ND<1700	ND<85	ND<85	ND<85	sp
GP-2	6/24/05											
7	2600	6600	3800	3200	39000	66000	ND<730	9700	ND<360	ND<360	ND<360	sp
GP-3	6/24/05											
7	ND<0.26	ND<5.0	1.0	ND<0.93	ND<0.93	ND<0.93	ND<1.9	ND<19	ND<0.93	ND<0.93	ND<0.93	sp
10	1.8	ND<5.0	1.4	ND<1.1	ND<1.1	ND<1.1	ND<2.2	ND<22	ND<1.1	ND<1.1	ND<1.1	sp
15	ND<0.50	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	sp
GP-4	6/24/05											
10	ND<0.50	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	sp
GP-6	7/1/05											
7	ND<0.28	ND<5.0	1.9	ND<1.1	ND<1.1	ND<1.1	ND<2.2	ND<22	ND<1.1	ND<1.1	ND<1.1	sp
10	ND<0.31	ND<5.0	2.1	ND<1.2	ND<1.2	ND<1.2	ND<2.4	ND<24	ND<1.2	ND<1.2	ND<1.2	sp
15	ND<0.50	8.4	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<50	ND<10	ND<10	ND<10	gp
GP-7	7/1/05											
7	37	ND<5.0	9.9	2.8	ND<1.1	ND<1.1	38	110	ND<1.1	ND<1.1	ND<1.1	sp
10	ND<0.27	ND<5.0	1.8	1.5	ND<1.1	ND<1.1	9.4	32	ND<1.1	ND<1.1	ND<1.1	sp
15	ND<0.50	ND<5.0	ND<130	ND<130	ND<130	ND<130	ND<130	8200	ND<250	ND<250	ND<250	gp

Notes:
NA - Not analyzed
ND - Not detected (less than detection limit)

TABLE 3
HISTORICAL GROUNDWATER DATA
SHELL SERVICE STATION
23387 Pacific Coast Highway, Malibu

WELL	DATE	DEPTH TO GW (feet)	SPH THICKN. (feet)	GW ELEV. (feet relative to MSL)	WELL DEPTH (feet)	TPH-G (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL-BENZENE (ug/L)	TOTAL XYLENES (ug/L)	MTBE 8260 (ug/L)	TBA (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	ETHANOL (ug/L)	DO (ppm)	COMMENTS
MW-1				Top of casing elevation (ft): 16.70														
	06/19/03	11.52	0.00	5.18	33.59	190	1.1	ND<1.0	ND<1.0	1.3	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100		
	07/31/03	8.78	0.00	7.92	33.59	130	2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	10/02/03	9.91	0.00	6.79	33.59	66	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	01/06/04	11.35	0.00	5.35	33.52	ND<50	ND<0.50	3.9	ND<1.0	3.7	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	04/01/04	11.08	0.00	5.62	33.47	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	07/01/04	10.26	0.00	6.44	33.38	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0		0.27	
MW-2				Top of casing elevation (ft): 17.27														
	06/19/03	12.16	0.00	5.11	33.98	ND<50	0.79	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100		
	07/31/03	9.37	0.00	7.90	33.98	ND<50	5.4	ND<1.0	ND<1.0	ND<1.0	11	ND<10	ND<2.0	ND<2.0	ND<2.0			
	10/02/03	10.53	0.00	6.74	33.97	ND<50	0.74	ND<1.0	ND<1.0	ND<1.0	1.6	ND<10	ND<2.0	ND<2.0	ND<2.0			
	01/06/04	11.97	0.00	5.30	34.00	ND<50	ND<0.50	4.3	ND<1.0	3.9	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	04/01/04	11.82	0.00	5.45	33.67	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	07/01/04				7.70													Dry well/obstruction in well
MW-3				Top of casing elevation (ft): 17.21														
	06/19/03	12.15	0.00	5.06	33.97	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	3.0	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100		
	07/31/03	9.31	0.00	7.90	33.97	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	6.9	15	ND<2.0	ND<2.0	ND<2.0			
	10/02/03	10.52	0.00	6.69	33.97	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	7.5	ND<10	ND<2.0	ND<2.0	ND<2.0			
	01/06/04	12.00	0.00	5.21	33.98	ND<50	ND<0.50	2.3	ND<1.0	1.3	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	04/01/04	11.80	0.00	5.41	34.05	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	07/01/04	10.76	0.00	6.45	33.84	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0		0.28	
MW-4				Top of casing elevation (ft): 17.31														
	06/19/03	12.23	0.00	5.08	31.00	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	1.4	ND<10	ND<2.0	ND<2.0	ND<2.0	ND<100		
	07/31/03	9.42	0.00	7.89	31.00	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	5.5	ND<10	ND<2.0	ND<2.0	ND<2.0			
	10/02/03	10.54	0.00	6.77	31.00	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	6.6	ND<10	ND<2.0	ND<2.0	ND<2.0			
	01/06/04	12.03	0.00	5.28	30.99	ND<50	ND<0.50	3.8	ND<1.0	3.9	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	04/01/04	12.93	0.00	4.38	30.98	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0			
	07/01/04	10.89	0.00	6.42	30.93	ND<50	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0		0.28	

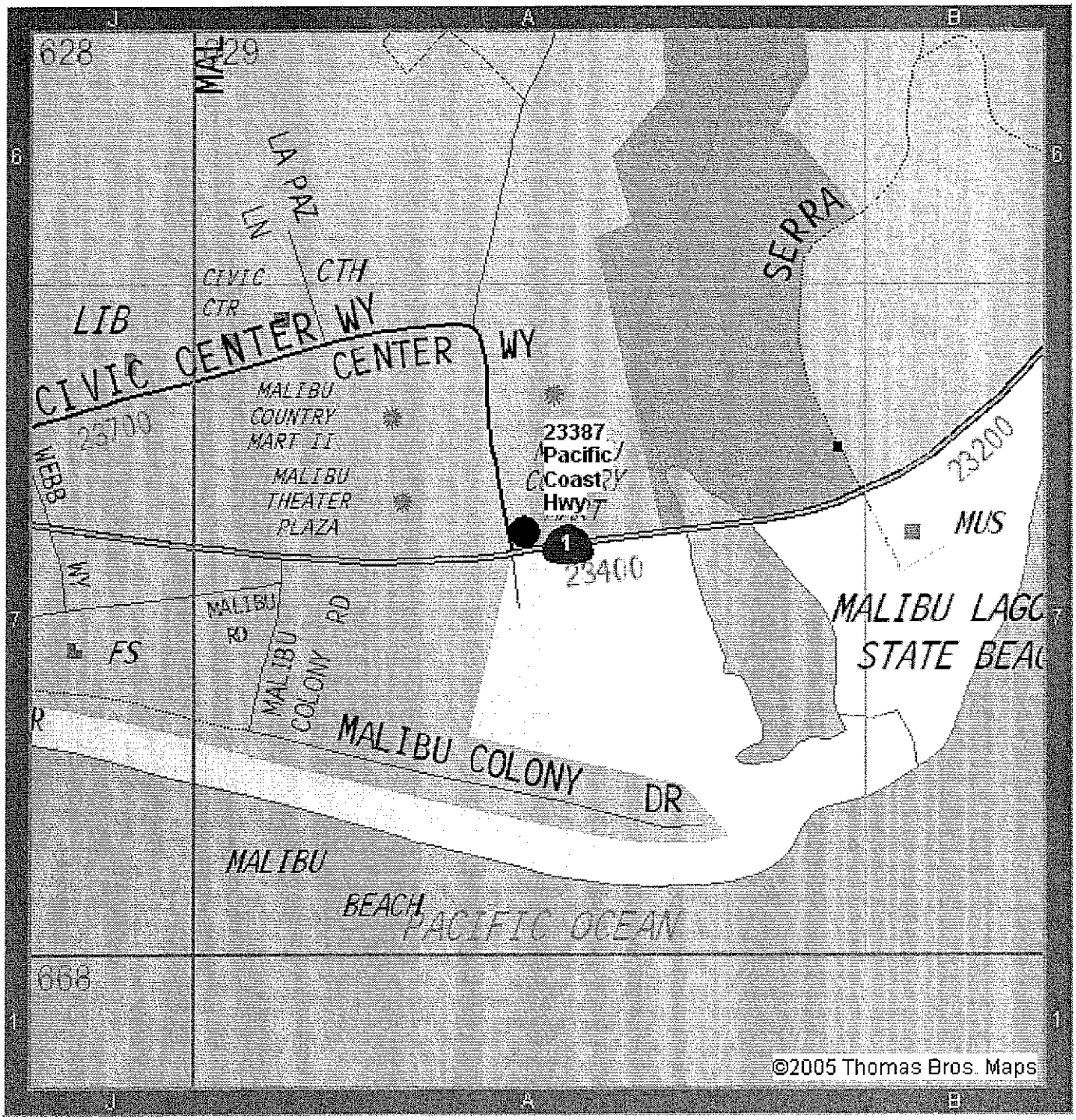
Notes:
1. ND - Not detected
2. TBA - Tertiary-butyl alcohol
3. MTBE – Methyl-t-Butyl Ether
4. DIPE - Diisopropyl ether
5. ETBE - Ethyl tertiary-butyl ether
6. TAME - Tertiary-amyl methyl ether

TABLE 4
HYDROPUNCH™ GROUNDWATER ANALYTICAL DATA
Shell Service Station
23387 Pacific Coast Highway, Malibu

Sample ID and Depth (feet)	TPH-G (µg/L)	TPH-D (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	Comments
GP-4	6/24/05											
7	ND<50	ND<500	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	17	ND<2.0	ND<2.0	ND<2.0	Hydropunch sample
GP-6	7/1/05											
	4200	1500	ND<0.50	ND<1.0	ND<1.0	1.7	ND<1.0	ND<10	ND<2.0	ND<2.0	ND<2.0	Hydropunch sample
GP-7	7/1/05											
	110	1500	ND<0.50	1.1	1.1	6.1	4.2	ND<10	ND<2.0	ND<2.0	ND<2.0	Hydropunch sample

Notes:
ND - Not detected (less than detection limit)

FIGURES



REPRODUCED WITH PERMISSION GRANTED BY THOMAS BROS. MAPS .
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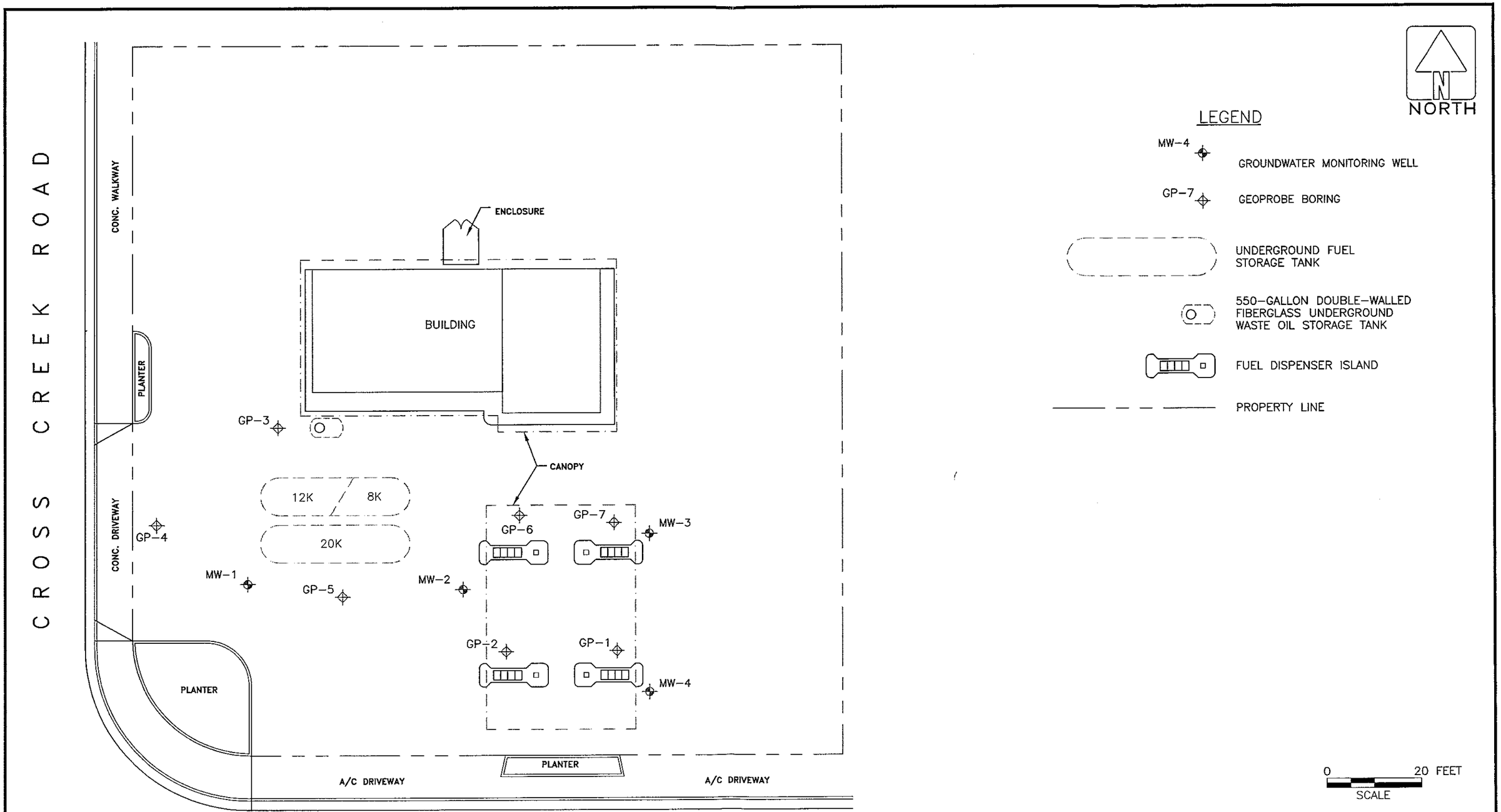
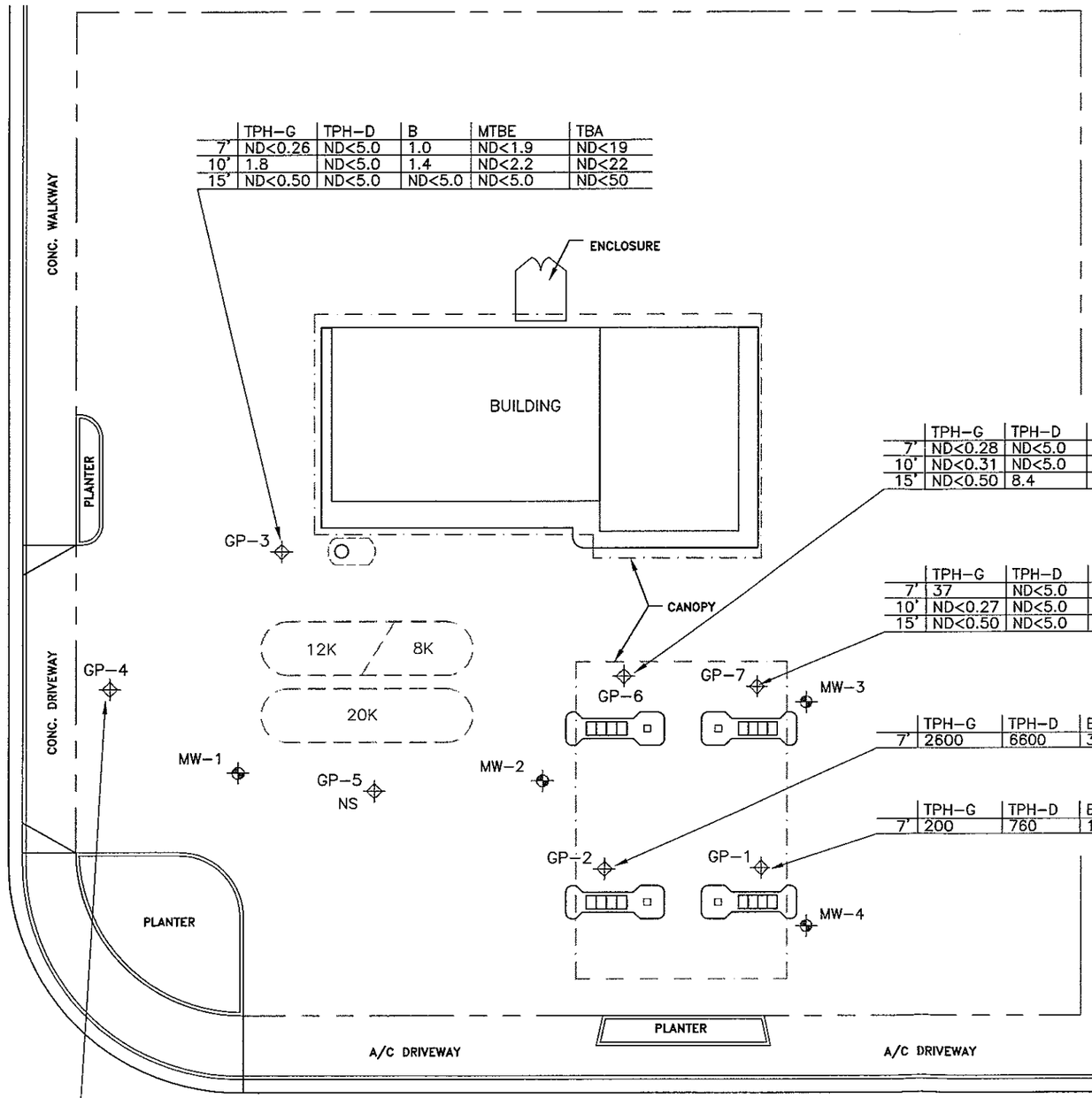
NORTH

WaynePerry CONSULTING - CONSTRUCTION ENGINEERING - MAINTENANCE SINCE 1968	DATE	SITE LOCATION MAP	FIGURE NO. 1
	REVISED	SHELL SERVICE STATION 23387 PACIFIC COAST HIGHWAY MALIBU, CA	
	CAD FILE 02313LM		PROJECT NO. 02.313GW



Wayne Perry Environmental Specialists Incorporated	DATE 08/09/05	PLOT PLAN	FIGURE NO. 2
	REVISED	SHELL SERVICE STATION 23387 PACIFIC COAST HWY/CROSS CREEK RD. MALIBU, CA	
	CAD FILE 04137PP		PROJECT NO. 04.137



	TPH-G	TPH-D	B	MTBE	TBA
7'	ND<0.26	ND<5.0	1.0	ND<1.9	ND<19
10'	1.8	ND<5.0	1.4	ND<2.2	ND<22
15'	ND<0.50	ND<5.0	ND<5.0	ND<5.0	ND<50

	TPH-G	TPH-D	B	MTBE	TBA
7'	ND<0.28	ND<5.0	1.9	ND<2.2	ND<22
10'	ND<0.31	ND<5.0	2.1	ND<2.4	ND<24
15'	ND<0.50	8.4	ND<5.0	ND<5.0	ND<50

	TPH-G	TPH-D	B	MTBE	TBA
7'	37	ND<5.0	9.9	38	110
10'	ND<0.27	ND<5.0	1.8	9.4	32
15'	ND<0.50	ND<5.0	ND<130	ND<130	8200

	TPH-G	TPH-D	B	MTBE	TBA
7'	2600	6600	3800	ND<730	9700

	TPH-G	TPH-D	B	MTBE	TBA
7'	200	760	110	ND<170	ND<1700

	TPH-G	TPH-D	B	MTBE	TBA
7'	ND<0.50	ND<5.0	ND<5.0	ND<5.0	ND<50

NORTH

LEGEND

MW-4 — GROUNDWATER MONITORING WELL

GP-7 — GEOPROBE SHOWING TPH-G AND TPH-D CONCENTRATIONS IN mg/kg AND BENZENE, MTBE AND TBA CONCENTRATIONS IN ug/kg

NOTES:

ND – NOT DETECTED

NS – NOT SAMPLED

TPH-G – TOTAL PETROLEUM HYDROCARBONS (GASOLINE)

TPH-D – TOTAL PETROLEUM HYDROCARBONS (DIESEL)

B – BENZENE

MTBE – METHYL TERTIARY-BUTYL ETHER (EPA 8260B)

TBA – TERTIARY-BUTYL ALCOHOL

UNDERGROUND FUEL STORAGE TANK

550-GALLON DOUBLE-WALLED FIBERGLASS UNDERGROUND WASTE OIL STORAGE TANK

FUEL DISPENSER ISLAND

PROPERTY LINE

0 20 FEET
SCALE

WaynePerry ENVIRONMENTAL INCORPORATED SPECIALISTS

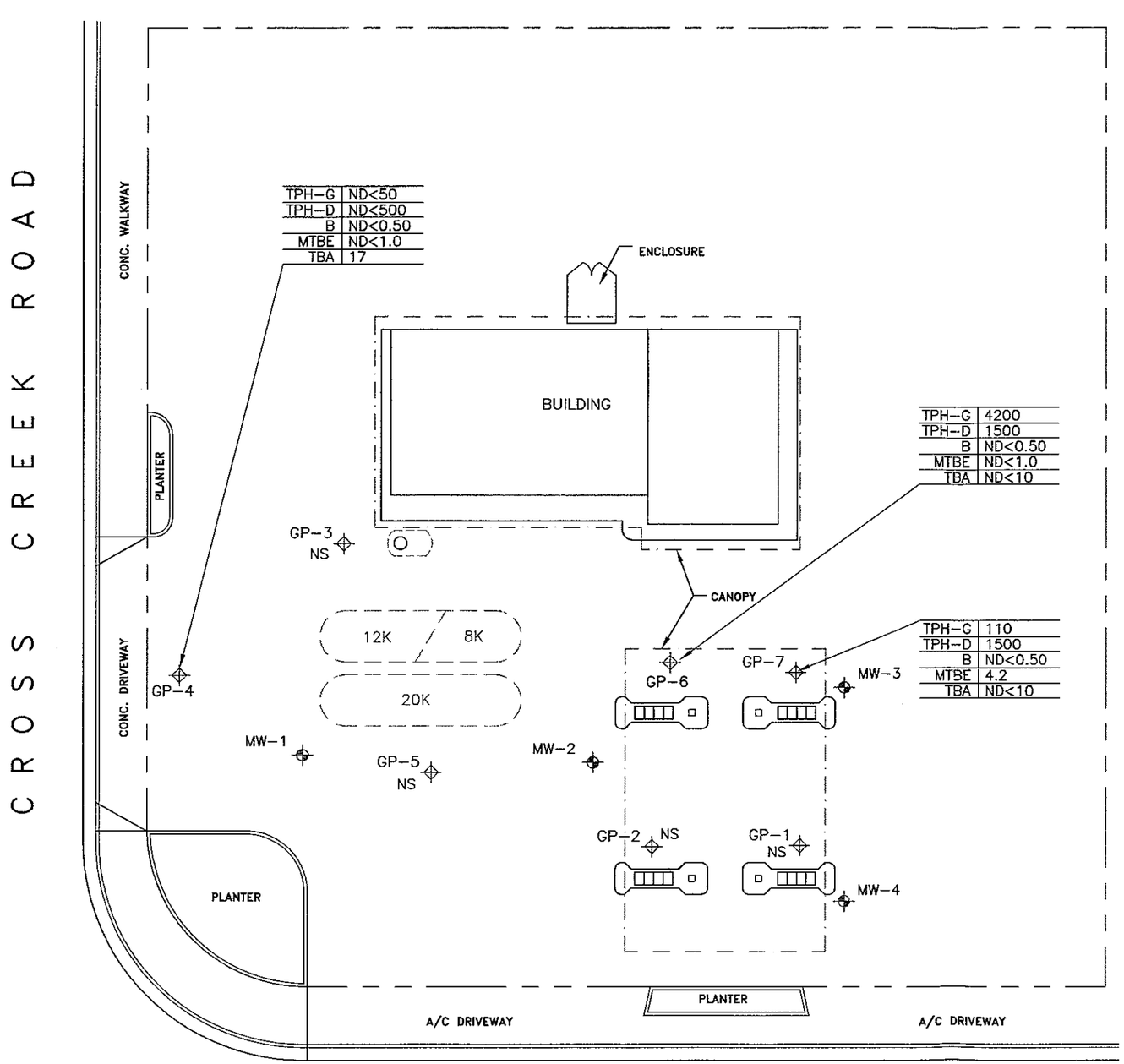
DATE	08/09/05
REVISED	RJM
CAD FILE	02302HD(B)

HYDROCARBON DISTRIBUTION IN SOIL MAP

SHELL SERVICE STATION
23387 PACIFIC COAST HWY/CROSS CREEK RD.
MALIBU, CA

FIGURE NO. 3

PROJECT NO. 04.137



NORTH

LEGEND

MW-4 — GROUNDWATER MONITORING WELL

GP-7 — GEOPROBE SHOWING TPH-G, TPH-D, BENZENE, MTBE AND TBA CONCENTRATIONS IN ug/L

NOTES:

ND – NOT DETECTED

NS – NOT SAMPLED

TPH-G – TOTAL PETROLEUM HYDROCARBONS (GASOLINE)

TPH-D – TOTAL PETROLEUM HYDROCARBONS (DIESEL)

B – BENZENE

MTBE – METHYL TERTIARY-BUTYL ETHER (EPA 8260B)

TBA – TERTIARY-BUTYL ALCOHOL

UNDERGROUND FUEL STORAGE TANK

550-GALLON DOUBLE-WALLED FIBERGLASS UNDERGROUND WASTE OIL STORAGE TANK

FUEL DISPENSER ISLAND

PROPERTY LINE

0 20 FEET
SCALE

WaynePerry ENVIRONMENTAL INCORPORATED SPECIALISTS	DATE 08/09/05	HYDROCARBON DISTRIBUTION IN GROUNDWATER MAP	FIGURE NO. 4
	REVISED RJM	SHELL SERVICE STATION 23387 PACIFIC COAST HWY/CROSS CREEK RD. MALIBU, CA	
	CAD FILE 02302HD(C)		PROJECT NO. 04.137

APPENDIX A

Pre-Field and Field Procedures

PRE-FIELD AND FIELD PROCEDURES

Pre-Field Activities

The pre-field activities included the following:

- Updating the existing WPI Site Safety and Health Plan;
- Scheduling subcontractors; and
- Notifying Underground Service Alert (USA) and performing an underground utility clearance for the planned drilling locations.

Field Activities

Utility Location

Underground Services Alert was notified of pending drilling activities at least 48 hours prior to commencement of work. Prior to drilling, each borehole location was air knifed to a depth of approximately 7 feet and to a width equal to the desired width of the borehole.

Drilling and Sampling

The borings were drilled using either a hollow-stem-auger drilling rig or truck-mounted, direct push rig operated by BC^2 Environmental Corp. of Fullerton, California (C57 License No. 686255) to depths between approximately 8 and 15 feet. Soil samples were collected from each boring at depths of approximately 7 feet, 10 feet, and 15 feet using EPA Method 5035 protocol. The hollow-stem auger borings were sampled using a modified California split-spoon sampler containing 3- or 6-inch-long 2-inch-diameter brass tubes that was lowered through the augers to the target depth. The sampler was driven approximately 18 inches into the soil by the repeated drop of a 140-pound hammer from a height of approximately 30 inches. Direct push borings were sampled using a 24-inch-long sampling tool that was driven into the soil using either a hydraulic ram or a pneumatic hammer, depending on soil conditions. At the desired depth, the central piston tip and piston rod were withdrawn from the sampling tool, allowing soil to enter. Relatively undisturbed soil samples were retained in 6-inch-long, 1-inch-diameter brass tubes within the sampling tool.

After retrieval of the sampler, soil samples were collected from one of the brass tubes using EPA Method 5035 protocol. A second brass tube containing a back-up soil sample was collected. The ends of the tube were sealed with Teflon® sheets and covered with plastic end caps. The soil samples were labeled with borehole name and sample depth, recorded on a chain-of-custody document, and placed in cold storage for delivery to the analytical laboratory.

The remaining soil was examined in the field for observable signs of petroleum hydrocarbons, screened for hydrocarbon vapors using a photoionization detector, and examined for soil classification. Soil was classified in general accordance with the Unified Soil Classification

System. The soil classification and description, including blow counts, grain size, size grading, subordinate constituents, color, density, moisture content, and organic vapor readings, were recorded on a field boring log

Soil generated from the field activities was placed in DOT approved drums and stored on site until it could be properly transported for disposal.

Equipment Decontamination Procedures

To avoid cross-contamination, the split-spoon sampler and other reusable equipment were broken down after each sample and cleaned, along with sample tubes, using an approved non-phosphate detergent. The sampler and sample tubes were double-rinsed in distilled water, and allowed to air dry. Augers, drive hammers, and other drilling equipment were steam-cleaned or replaced with clean equipment between boreholes.

Hydropunch™ Groundwater Sampling

Groundwater samples were collected from Borings GP-4, GP-6, and GP-7 using a Hydropunch™ sampler consisting of an outer sleeve covering a screened section. Once driven to the desired depth, the outer sleeve of the sampler was retracted to expose the screened section. Groundwater samples were then collected using a disposable Teflon® or stainless steel bailer, equipped with a bottom-emptying device, which was attached to string and lowered into the Hydropunch™ sampler. The bailer was allowed to fill and was then recovered. The water from the bailer was slowly poured into 40-ml VOA vials with Teflon® septa, in a manner that prevented air bubbles from being trapped within the sample vial. Groundwater samples were placed on ice to reduce volatilization, and delivered under chain of custody to a state-certified analytical laboratory for chemical analyses.

APPENDIX B

Boring Logs

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www.wpinc com

Log of Boring/Well GP-1

PROJECT: *Shell Service Station*	SURFACE ELEVATION: *Not Measured*
LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*	TOTAL DEPTH: *8 feet* / BORING DIAMETER: *2/8*
PROJECT NO.: *04.137*	DEPTH TO FIRST SATURATION: *N/A*
DATE BEGAN: *6/24/05* FINISHED: *7/1/05*	TOP OF WELL CASING ELEVATION: *N/A*
DRILLING COMPANY: *BC2 Environmental Corp.*	STATIC GW ELEVATION: *N/A* DATE: *N/A*
DRILLING METHOD: *Direct Push*	LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions

DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						CONCRETE 6 inches.				
						AGGREGATE BASE, 4 inches.				
						Gravelly SAND - fine- to coarse-grained with fine and coarse gravel, brown [7.5yr 4/3] dense moist; trace silt clay and cobbles;	sp			
5									5	
		GP-1d7	0700 7/1/05	-	-					
						refusal at 8.5 feet. Bottom at 8 feet.				
10									10	

Remarks/Notes:

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www wpinc com

Log of Boring/Well GP-2

PROJECT: *Shell Service Station*	SURFACE ELEVATION: *Not Measured*
LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*	TOTAL DEPTH: *8 feet* / BORING DIAMETER: *2/8*
PROJECT NO.: *04 137*	DEPTH TO FIRST SATURATION: *N/A*
DATE BEGAN: *6/24/05* FINISHED: *7/1/05*	TOP OF WELL CASING ELEVATION: *N/A*
DRILLING COMPANY: *BC2 Environmental Corp*	STATIC GW ELEVATION: *N/A* DATE: *N/A*
DRILLING METHOD: *Direct Push*	LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions

DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						CONCRETE, 6 inches				
						AGGREGATE BASE, 4 inches				
						Gravelly SAND - fine- to coarse-grained, brown [7.5yr 4/>], dense, moist; trace silt and clay; occassional cobbles;	sp			
5									5	
		GP-2d7	0730 7/1/05	-	137.8					
						refusal at 8 feet. Bottom at 8 feet				
10									10	

Remarks/Notes:

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www.wpinc.com

Log of Boring/Well GP-3

PROJECT: *Shell Service Station*	SURFACE ELEVATION: *Not Measured*
LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*	TOTAL DEPTH: *15 feet* / BORING DIAMETER: *2 inches*
PROJECT NO.: *04 137*	DEPTH TO FIRST SATURATION: *10 feet*
DATE BEGAN: *6/24/05* FINISHED: *6/24/05*	TOP OF WELL CASING ELEVATION: *N/A*
DRILLING COMPANY: *BC2 Environmental Corp.*	STATIC GW ELEVATION: *N/A* DATE: *N/A*
DRILLING METHOD: *Direct Push*	LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions.

DEPTH (feet)	Samples	Sample I.D.	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						ASPHALT, 4 inches.				
						AGGREGATE BASE, 4 inches.				
						Gravelly SAND - fine- to coarse-grained, brown [7 5yr 4/3], dense, moist; occassional cobbles; trace silt and clay;	sp			
5						no sample at 5 feet due to cobbles;			5	
		GP-3d7	0800		0 0	color change at 6 5 feet to olive brown [2 5y 4/5] no clay;				
10		GP-3d10	0810		0 0	saturated at 10 feet;			10	
		GP-3d15	0820		0 0					
15						no Encore sample at 15 feet due to gravel Bottom at 15 feet			15	
20									20	

Remarks/Notes:

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www.wpinc.com

Log of Boring/Well GP-4

PROJECT: *Shell Service Station*	SURFACE ELEVATION: *Not Measured*
LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*	TOTAL DEPTH: *11 feet* / BORING DIAMETER: *2 inches*
PROJECT NO.: *04 137*	DEPTH TO FIRST SATURATION: *9 feet*
DATE BEGAN: *6/24/05* FINISHED: *6/24/05*	TOP OF WELL CASING ELEVATION: *N/A*
DRILLING COMPANY: *BC2 Environmental Corp.*	STATIC GW ELEVATION: *N/A* DATE: *N/A*
DRILLING METHOD: *Direct Push*	LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location there may be consequential changes in conditions

DEPTH (feet)	Samples	Sample I.D	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						ASPHALTIC CONCRETE, 4 inches				
						AGGREGATE BASE, 4 inches				
						Gravelly SAND - fine- to coarse-grained with fine and coarse gravel, brown [7.5yr 4/3] dense moist; trace cobbles silt and clay;	sp			
5									5	
		GP-4d7	0900		0.0	insufficient sample recovery at 7 feet;				
▽						medium- to coarse-grained olive brown [2.5yr 5/4] very dense saturated; no silty clay;				
10		GP-4d10	0910		0.0	no Encore sample at 10 feet due to gravel			10	
						Bottom at 11 feet				

Remarks/Notes:

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www.wpinc.com

Log of Boring/Well GP-5

PROJECT: *Shell Service Station*	SURFACE ELEVATION: *Not Measured*
LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*	TOTAL DEPTH: *7 feet* / BORING DIAMETER: *2 inches*
PROJECT NO.: *04 137*	DEPTH TO FIRST SATURATION: *N/A*
DATE BEGAN: *6/24/05* FINISHED: *6/24/05*	TOP OF WELL CASING ELEVATION: *N/A*
DRILLING COMPANY: *BC2 Environmental Corp.*	STATIC GW ELEVATION: *N/A* DATE: *N/A*
DRILLING METHOD: *Direct Push*	LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions

DEPTH (feet)	Samples	Sample I.D.	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						ASPHALTIC CONCRETE, 4 inches.				
						AGGREGATE BASE, 4 inches.				
						Gravelly SAND - fine- to coarse-grained brown [7 5yr 4/3] dense moist;	sp			
5									5	
						refusal at 7 feet. Bottom at 7 feet.				
10									10	

Remarks/Notes:

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www.wpinc.com

Log of Boring/Well GP-6

PROJECT: *Shell Service Station*	SURFACE ELEVATION: *Not Measured*
LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*	TOTAL DEPTH: *15 feet* / BORING DIAMETER: *8 inches*
PROJECT NO.: *04.137*	DEPTH TO FIRST SATURATION: *12 feet*
DATE BEGAN: *7/1/05* FINISHED: *7/1/05*	TOP OF WELL CASING ELEVATION: *N/A*
DRILLING COMPANY: *BC2 Environmental Corp*	STATIC GW ELEVATION: *N/A* DATE: *N/A*
DRILLING METHOD: *Hollow-Stem Auger (Limited Access Rig)*	LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions.

DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						CONCRETE, 6 inches.				
						AGGREGATE BASE, 6 inches				
						Silty Gravelly SAND - fine- to coarse-grained, with fine and coarse gravel, brown [10yr 5/3] dense, moist; trace clay	sp			
5									5	
		GP-6d7	1000	3/10/7		**SAND** - fine-grained, brown [10yr 5/3] dense, moist;	sp			
		GP-6d10	1010	14/18/23						
10						fine- to medium-grained with trace coarse gravel at 10 feet			10	
▽										
		GP-6d15	1020	13/17/21		**Sandy GRAVEL** - fine and coarse gravel in a fine- to coarse-grained, black [Gley1 2 5/N] dense sand matrix; saturated;	gp			
15						no Encore sample at 15 feet due to gravel. Bottom at 15 feet			15	
20									20	

Remarks/Notes:

WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www.wpinc.com

Log of Boring/Well GP-7

PROJECT: *Shell Service Station*	SURFACE ELEVATION: *Not Measured*
LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*	TOTAL DEPTH: *15 feet* / BORING DIAMETER: *8 inches*
PROJECT NO.: *04.137*	DEPTH TO FIRST SATURATION: *12 feet*
DATE BEGAN: *7/1/05* FINISHED: *7/1/05*	TOP OF WELL CASING ELEVATION: *N/A*
DRILLING COMPANY: *BC2 Environmental Corp*	STATIC GW ELEVATION: *N/A* DATE: *N/A*
DRILLING METHOD: *Hollow-Stem Auger (Limited Access Rig)*	LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions.

DEPTH (feet)	Samples	Sample I.D	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						CONCRETE, 6 inches				
						AGGREGATE BASE, 4 inches.				
						Silty Sandy GRAVEL - fine and coarse gravel in a fine- to coarse-grained, grayish brown [10yr 4/2], dense, sand matrix; moist	gp			
5									5	
		GP-7d7	0900	10/13/17	8.3	**SAND** - fine-grained, very dark greenish gray [Gley <3/10y] dense very moist;	sp			
		GP-7d10	0910	13/17/20	10.0					
10						fine- to medium-grained trace coarse gravel at 10 feet;			10	
▽						saturated at 12 feet				
		GP-7d15	0920	-	-	**Sandy GRAVEL** - fine and coarse gravel in a fine- to coarse-grained, black [Gley <2 5/11], dense sand matrix; saturated;	gp			
15						no Encore sample at 15 feet due to gravel. Bottom at 15 feet.			15	
20									20	

Remarks/Notes:

APPENDIX C

Laboratory Reports and Chain-of-Custody Documentation

Calscience Environmental Laboratories, Inc.

July 05, 2005

Truedi Balsitis
Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Subject: **Calscience Work Order No.: 05-06-1692**
Client Reference: 23387 Pacific Coast Highway, Malibu, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project The samples included in this report were received 6/27/2005 and analyzed in accordance with the attached chain-of-custody

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Jody M Sherwood for

Calscience Environmental
Laboratories, Inc.
Don Burley
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 3050B / EPA 7471A Total
		Method:	EPA 6010B / EPA 7471A
		Units:	mg/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
COMP (GP-3d7,10,15, GP-4d10)	**05-06-1692-6**	**06/24/05**	**Solid**	**06/27/05**	**06/29/05**	**050627L07**

Comment(s): -Mercury was analyzed on 6/27/2005 9:41:54 PM with batch 050627L04

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0.750	1		Mercury	ND	0 0835	1	
Arsenic	3 90	0.75	1		Molybdenum	ND	0 250	1	
Barium	46 9	0.5	1		Nickel	23 8	0 2	1	
Beryllium	0 251	0 250	1		Selenium	ND	0 750	1	
Cadmium	0 557	0 500	1		Silver	ND	0 250	1	
Chromium	24 6	0 2	1		Thallium	ND	0 750	1	
Cobalt	9 58	0 25	1		Vanadium	29.8	0 2	1	
Copper	8 93	0 50	1		Zinc	34 0	1 0	1	
Lead	3.41	0.50	1						

Method Blank	**099-04-007-3,297**	**N/A**	**Solid**	**06/27/05**	**06/27/05**	**050627L04**

Parameter	Result	RL	DF	Qual
Mercury	ND	0.0820	0.982	

Method Blank	**097-01-002-6,528**	**N/A**	**Solid**	**06/27/05**	**06/28/05**	**050627L07**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Antimony	ND	0 750	1		Molybdenum	ND	0 250	1	
Arsenic	ND	0 750	1		Nickel	ND	0 250	1	
Barium	ND	0 500	1		Selenium	ND	0 750	1	
Beryllium	ND	0 250	1		Silver	ND	0 250	1	
Cadmium	ND	0 500	1		Thallium	ND	0 750	1	
Chromium	ND	0 250	1		Vanadium	ND	0 250	1	
Cobalt	ND	0 250	1		Zinc	ND	1 00	1	
Copper	ND	0 500	1		Lead	ND	0 500	1	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-3d7	**05-06-1692-1**	**06/24/05**	**Solid**	**06/28/05**	**06/28/05**	**050628B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	62-152	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-3d10	**05-06-1692-2**	**06/24/05**	**Solid**	**06/28/05**	**06/28/05**	**050628B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	89	62-152	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-3d15	**05-06-1692-3**	**06/24/05**	**Solid**	**06/28/05**	**06/28/05**	**050628B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	95	62-152	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-4d10	**05-06-1692-4**	**06/24/05**	**Solid**	**06/28/05**	**06/28/05**	**050628B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	94	62-152	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**098-03-002-4,598**	**N/A**	**Solid**	**06/28/05**	**06/28/05**	**050628B05**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	87	62-152	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 5030B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-3d15	**05-06-1692-3**	**06/24/05**	**Solid**	**06/28/05**	**06/28/05**	**050627B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	80	39-129	

GP-4d10	**05-06-1692-4**	**06/24/05**	**Solid**	**06/28/05**	**06/28/05**	**050627B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	77	39-129	

Method Blank	**098-03-008-5,605**	**N/A**	**Solid**	**06/28/05**	**06/28/05**	**050627B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	39-129	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 5035
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-3d7	**05-06-1692-1**	**06/24/05**	**Solid**	**06/27/05**	**06/28/05**	**050628B01**

Comment(s): -Sample received after recommended holding time

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 26	1 03		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	70-130	

GP-3d10	**05-06-1692-2**	**06/24/05**	**Solid**	**06/27/05**	**06/28/05**	**050628B01**

Comment(s): -Sample received after recommended holding time.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1 8	0 2	0 904		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	117	70-130	

Method Blank	**099-12-009-4,186**	**N/A**	**Solid**	**06/28/05**	**06/28/05**	**050628B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	96	70-130	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 5030B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-4 (W)	**05-06-1692-5**	**06/24/05**	**Aqueous**	**06/28/05**	**06/28/05**	**050628B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	99	49-133	

Method Blank	**098-03-006-7,150**	**N/A**	**Aqueous**	**06/28/05**	**06/28/05**	**050628B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	96	49-133	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 3510C
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-4 (W)	**05-06-1692-5**	**06/24/05**	**Aqueous**	**06/28/05**	**06/29/05**	**050628B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	500	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	133	51-141	

Method Blank	**098-03-039-717**	**N/A**	**Aqueous**	**06/28/05**	**06/29/05**	**050628B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	500	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	111	51-141	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	06/27/05
Work Order No:	05-06-1692
Preparation:	EPA 5030B
Method:	EPA 8260B
Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-3d15	**05-06-1692-3**	**06/24/05**	**Solid**	**06/28/05**	**06/28/05**	**050628L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	5 0	1		Methyl-t-Butyl Ether (MTBE)	ND	5 0	1	
Ethylbenzene	ND	5 0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
Toluene	ND	5 0	1		Diisopropyl Ether (DIPE)	ND	10	1	
p/m-Xylene	ND	5 0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
o-Xylene	ND	5.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	73-139		1 2-Dichloroethane-d4	102	73-145	
Toluene-d8	101	90-108		1,4-Bromofluorobenzene	87	71-113	

GP-4d10	**05-06-1692-4**	**06/24/05**	**Solid**	**06/29/05**	**06/29/05**	**050629L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	5 0	1		Methyl-t-Butyl Ether (MTBE)	ND	5 0	1	
Ethylbenzene	ND	5 0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
Toluene	ND	5 0	1		Diisopropyl Ether (DIPE)	ND	10	1	
p/m-Xylene	ND	5 0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
o-Xylene	ND	5 0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	101	73-139		1,2-Dichloroethane-d4	98	73-145	
Toluene-d8	98	90-108		1,4-Bromofluorobenzene	89	71-113	

Method Blank	**099-10-005-10,728**	**N/A**	**Solid**	**06/28/05**	**06/28/05**	**050628L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	5 0	1		Methyl-t-Butyl Ether (MTBE)	ND	5 0	1	
Ethylbenzene	ND	5 0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
Toluene	ND	5 0	1		Diisopropyl Ether (DIPE)	ND	10	1	
p/m-Xylene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
o-Xylene	ND	5 0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	100	73-139		1 2-Dichloroethane-d4	94	73-145	
Toluene-d8	99	90-108		1 4-Bromofluorobenzene	89	71-113	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-005-10,729**	**N/A**	**Solid**	**06/29/05**	**06/29/05**	**050629L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	5 0	1		Methyl-t-Butyl Ether (MTBE)	ND	5 0	1	
Ethylbenzene	ND	5 0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
Toluene	ND	5 0	1		Diisopropyl Ether (DIPE)	ND	10	1	
p/m-Xylene	ND	5 0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
o-Xylene	ND	5 0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	73-139		1 2-Dichloroethane-d4	91	73-145	
Toluene-d8	98	90-108		1 4-Bromofluorobenzene	88	71-113	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-4 (W)	**05-06-1692-5**	**06/24/05**	**Aqueous**	**06/27/05**	**06/27/05**	**050627L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	17	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	74-140			1,2-Dichloroethane-d4	119	74-146		
Toluene-d8	101	88-112			1,4-Bromofluorobenzene	88	74-110		

Method Blank	**099-10-006-14,815**	**N/A**	**Aqueous**	**06/27/05**	**06/27/05**	**050627L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	74-140			1,2-Dichloroethane-d4	106	74-146		
Toluene-d8	99	88-112			1,4-Bromofluorobenzene	91	74-110		

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	06/27/05
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-3d7	**05-06-1692-1**	**06/24/05**	**Solid**	**06/27/05**	**06/27/05**	**050627L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.0	0.9	0.929		Methyl-t-Butyl Ether (MTBE)	ND	1.9	0.929	
Ethylbenzene	ND	0.93	0.929		Tert-Butyl Alcohol (TBA)	ND	19	0.929	
Toluene	ND	0.93	0.929		Diisopropyl Ether (DIPE)	ND	0.93	0.929	
p/m-Xylene	ND	1.9	0.929		Ethyl-t-Butyl Ether (ETBE)	ND	0.93	0.929	
o-Xylene	ND	0.93	0.929		Tert-Amyl-Methyl Ether (TAME)	ND	0.93	0.929	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	71-137		1,2-Dichloroethane-d4	112	58-160	
1,4-Bromofluorobenzene	91	66-126		Toluene-d8	98	87-111	

GP-3d10	**05-06-1692-2**	**06/24/05**	**Solid**	**06/27/05**	**06/27/05**	**050627L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.4	1.1	1.1		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.1	
Ethylbenzene	ND	1.1	1.1		Tert-Butyl Alcohol (TBA)	ND	22	1.1	
Toluene	ND	1.1	1.1		Diisopropyl Ether (DIPE)	ND	1.1	1.1	
p/m-Xylene	ND	2.2	1.1		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.1	
o-Xylene	ND	1.1	1.1		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	71-137		1,2-Dichloroethane-d4	113	58-160	
1,4-Bromofluorobenzene	91	66-126		Toluene-d8	99	87-111	

Method Blank	**095-01-025-11,536**	**N/A**	**Solid**	**06/27/05**	**06/27/05**	**050627L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
p/m-Xylene	ND	2.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	98	71-137		1,2-Dichloroethane-d4	100	58-160	
1,4-Bromofluorobenzene	91	66-126		Toluene-d8	98	87-111	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 06/27/05
Work Order No: 05-06-1692
Preparation: EPA 3050B
Method: EPA 6010B

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-04-0662-11	**Solid**	**ICP 3300**	**06/27/05**	**06/28/05**	**050627S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Antimony	24	25	50-115	3	0-20	3
Arsenic	104	106	75-125	2	0-20	
Barium	4X	4X	75-125	4X	0-20	Q
Beryllium	98	99	75-125	2	0-20	
Cadmium	94	95	75-125	2	0-20	
Chromium	97	102	75-125	3	0-20	
Cobalt	91	94	75-125	3	0-20	
Copper	99	104	75-125	3	0-20	
Lead	94	96	75-125	2	0-20	
Molybdenum	98	101	75-125	3	0-20	
Nickel	89	93	75-125	2	0-20	
Selenium	94	93	75-125	1	0-20	
Silver	101	103	75-125	2	0-20	
Thallium	92	92	75-125	0	0-20	
Vanadium	100	109	75-125	4	0-20	
Zinc	91	101	75-125	4	0-20	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.	Date Received:	06/27/05
8281 Commonwealth Avenue	Work Order No:	05-06-1692
Buena Park, CA 90621-2537	Preparation:	EPA 3550B
	Method:	DHS LUFT

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-06-1754-1	**Solid**	**GC 2**	**06/28/05**	**06/28/05**	**050628S05**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	97	100	71-125	3	0-12	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc	Date Received:	06/27/05
8281 Commonwealth Avenue	Work Order No:	05-06-1692
Buena Park, CA 90621-2537	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-06-1672-5	**Solid**	**GC 1**	**06/28/05**	**06/28/05**	**050627S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	69	71	66-108	3	0-18	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	06/27/05
Work Order No:	05-06-1692
Preparation:	EPA 5030B
Method:	DHS LUFT

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-06-1752-1	**Aqueous**	**GC 8**	**06/28/05**	**06/28/05**	**050628S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	91	70-112	1	0-17	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	06/27/05
Work Order No:	05-06-1692
Preparation:	EPA 7471A Total
Method:	EPA 7471A

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-04-0844-1	**Solid**	**Mercury**	**06/27/05**	**06/27/05**	**050627S04**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	114	110	76-136	4	0-16	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	06/27/05
Work Order No:	05-06-1692
Preparation:	EPA 5030B
Method:	EPA 8260B

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-06-1712-1	**Solid**	**GC/MS EE**	**06/28/05**	**06/28/05**	**050628S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	98	79-115	1	0-13	
Carbon Tetrachloride	101	100	55-139	1	0-15	
Chlorobenzene	101	100	79-115	1	0-17	
1 2-Dichlorobenzene	97	97	63-123	0	0-23	
1 1-Dichloroethene	90	85	69-123	5	0-16	
Toluene	103	102	79-115	1	0-15	
Trichloroethene	100	101	66-144	1	0-14	
Vinyl Chloride	78	76	60-126	2	0-14	
Methyl-t-Butyl Ether (MTBE)	97	96	68-128	2	0-14	
Tert-Butyl Alcohol (TBA)	97	93	44-134	4	0-37	
Diisopropyl Ether (DIPE)	98	97	75-123	2	0-12	
Ethyl-t-Butyl Ether (ETBE)	96	94	75-117	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	97	98	79-115	1	0-12	
Ethanol	78	76	42-138	4	0-28	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 06/27/05
Work Order No: 05-06-1692
Preparation: EPA 5030B
Method: EPA 8260B

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-06-1719-4	**Solid**	**GC/MS EE**	**06/29/05**	**06/29/05**	**050629S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	92	79-115	7	0-13	
Carbon Tetrachloride	99	94	55-139	5	0-15	
Chlorobenzene	101	98	79-115	3	0-17	
1 2-Dichlorobenzene	96	95	63-123	1	0-23	
1 1-Dichloroethene	83	80	69-123	3	0-16	
Toluene	101	95	79-115	6	0-15	
Trichloroethene	100	95	66-144	5	0-14	
Vinyl Chloride	74	71	60-126	4	0-14	
Methyl-t-Butyl Ether (MTBE)	90	92	68-128	3	0-14	
Tert-Butyl Alcohol (TBA)	90	95	44-134	6	0-37	
Diisopropyl Ether (DIPE)	92	91	75-123	2	0-12	
Ethyl-t-Butyl Ether (ETBE)	90	90	75-117	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	93	92	79-115	1	0-12	
Ethanol	71	82	42-138	14	0-28	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	06/27/05
Work Order No:	05-06-1692
Preparation:	EPA 5030B
Method:	EPA 8260B

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-06-1652-1	**Aqueous**	**GC/MS FF**	**06/27/05**	**06/27/05**	**050627S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	109	110	88-118	1	0-7	
Carbon Tetrachloride	117	117	67-145	1	0-11	
Chlorobenzene	106	106	88-118	0	0-7	
1 2-Dichlorobenzene	107	109	86-116	2	0-8	
1 1-Dichloroethene	103	102	70-130	2	0-25	
Toluene	112	110	87-123	1	0-8	
Trichloroethene	108	109	79-127	1	0-10	
Vinyl Chloride	88	87	69-129	1	0-13	
Methyl-t-Butyl Ether (MTBE)	96	104	71-131	8	0-13	
Tert-Butyl Alcohol (TBA)	93	134	36-168	36	0-45	
Diisopropyl Ether (DIPE)	100	105	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	95	102	72-126	6	0-12	
Tert-Amyl-Methyl Ether (TAME)	99	104	72-126	6	0-12	
Ethanol	97	116	53-149	18	0-31	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Wayne Perry, Inc.	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-06-1692
Buena Park, CA 90621-2537	Preparation:	EPA 3050B
	Method:	EPA 6010B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-6,528	**Solid**	**ICP 3300**	**06/28/05**	**050627-I-07**	**050627L07**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Antimony	25.0	25 0	100	80-120	
Arsenic	25 0	26.1	105	80-120	
Barium	25 0	26 1	104	80-120	
Beryllium	25 0	25 1	100	80-120	
Cadmium	25 0	25 1	100	80-120	
Chromium	25 0	25 4	102	80-120	
Cobalt	25 0	25 1	100	80-120	
Copper	25.0	23 2	93	80-120	
Lead	25.0	25 5	102	80-120	
Molybdenum	25 0	27 4	109	80-120	
Nickel	25 0	25 4	102	80-120	
Selenium	25 0	24 8	99	80-120	
Silver	12 5	12 4	99	80-120	
Thallium	25 0	25 8	103	80-120	
Vanadium	25 0	25 7	103	80-120	
Zinc	25.0	27 2	109	80-120	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Wayne Perry, Inc.		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	05-06-1692
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
098-03-002-4,598	**Solid**	**GC 2**	**06/28/05**	**013F1301**	**050628B05**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
TPH as Diesel	400	370	94	71-119	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-06-1692
Preparation:	EPA 5030B
Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-008-5,605	**Solid**	**GC 1**	**06/28/05**	**06/28/05**	**050627B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	85	81	70-118	4	0-28	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-06-1692
Buena Park, CA 90621-2537	Preparation:	EPA 5035
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,186	**Solid**	**GC 22**	**06/28/05**	**06/28/05**	**050628B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	100	100	70-130	0	0-25	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-06-1692
Buena Park, CA 90621-2537	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-006-7,150	**Aqueous**	**GC 8**	**06/28/05**	**06/28/05**	**050628B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	98	97	72-114	1	0-10	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-06-1692
Buena Park, CA 90621-2537	Preparation:	EPA 3510C
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-039-717	**Aqueous**	**GC 3**	**06/28/05**	**06/29/05**	**050628B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	88	88	60-132	0	0-11	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-06-1692
Preparation:	EPA 7471A Total
Method:	EPA 7471A

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-04-007-3,297	**Solid**	**Mercury**	**06/27/05**	**06/27/05**	**050627L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Mercury	111	110	82-124	1	0-16	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 05-06-1692
Preparation: EPA 5030B
Method: EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-005-10,728	**Solid**	**GC/MS EE**	**06/28/05**	**06/28/05**	**050628L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	99	84-114	1	0-7	
Carbon Tetrachloride	109	103	66-132	6	0-12	
Chlorobenzene	102	101	87-111	1	0-7	
1 2-Dichlorobenzene	99	98	79-115	1	0-8	
1 1-Dichloroethene	90	85	73-121	6	0-12	
Toluene	104	102	78-114	2	0-7	
Trichloroethene	101	100	84-114	1	0-8	
Vinyl Chloride	81	77	63-129	5	0-15	
Methyl-t-Butyl Ether (MTBE)	96	96	77-125	1	0-11	
Tert-Butyl Alcohol (TBA)	95	94	47-137	1	0-27	
Diisopropyl Ether (DIPE)	97	96	76-130	1	0-8	
Ethyl-t-Butyl Ether (ETBE)	97	95	76-124	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	98	82-118	0	0-11	
Ethanol	78	77	59-131	1	0-21	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-06-1692
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-005-10,729	**Solid**	**GC/MS EE**	**06/29/05**	**06/29/05**	**050629L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	84-114	0	0-7	
Carbon Tetrachloride	98	99	66-132	1	0-12	
Chlorobenzene	99	101	87-111	1	0-7	
1 2-Dichlorobenzene	99	99	79-115	0	0-8	
1 1-Dichloroethene	82	83	73-121	1	0-12	
Toluene	99	99	78-114	0	0-7	
Trichloroethene	98	97	84-114	0	0-8	
Vinyl Chloride	69	74	63-129	7	0-15	
Methyl-t-Butyl Ether (MTBE)	92	93	77-125	2	0-11	
Tert-Butyl Alcohol (TBA)	92	93	47-137	2	0-27	
Diisopropyl Ether (DIPE)	92	93	76-130	2	0-8	
Ethyl-t-Butyl Ether (ETBE)	91	92	76-124	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	93	94	82-118	1	0-11	
Ethanol	70	79	59-131	12	0-21	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-06-1692
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-14,815	**Aqueous**	**GC/MS FF**	**06/27/05**	**06/27/05**	**050627L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	109	109	84-120	0	0-8	
Carbon Tetrachloride	116	112	63-147	4	0-10	
Chlorobenzene	106	105	89-119	0	0-7	
1,2-Dichlorobenzene	107	108	89-119	1	0-9	
1,1-Dichloroethene	94	100	77-125	6	0-16	
Toluene	108	111	83-125	3	0-9	
Trichloroethene	108	108	89-119	0	0-8	
Vinyl Chloride	89	89	63-135	0	0-13	
Methyl-t-Butyl Ether (MTBE)	111	103	82-118	8	0-13	
Tert-Butyl Alcohol (TBA)	133	114	46-154	15	0-32	
Diisopropyl Ether (DIPE)	108	103	81-123	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	108	104	74-122	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	112	109	76-124	3	0-10	
Ethanol	98	109	60-138	10	0-32	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-06-1692
Preparation:	EPA 5035
Method:	EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-11,536	**Solid**	**GC/MS S**	**06/27/05**	**06/27/05**	**050627L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	100	85-115	1	0-11	
Carbon Tetrachloride	103	102	68-134	1	0-14	
Chlorobenzene	103	104	83-119	1	0-9	
1 2-Dichlorobenzene	106	106	57-135	0	0-10	
1 1-Dichloroethene	100	97	72-120	3	0-10	
Toluene	105	104	67-127	1	0-10	
Trichloroethene	99	98	88-112	0	0-9	
Vinyl Chloride	89	91	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	93	93	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	105	85	31-145	21	0-23	
Diisopropyl Ether (DIPE)	102	101	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	93	93	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	94	92	81-123	2	0-10	
Ethanol	105	99	44-152	6	0-24	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-06-1692

Qualifier	Definition
*	See applicable analysis comment
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

7440 Lincoln Way

Garden Grove, CA 92841-1432

(714) 895-5494 (714) 894-7501 fax

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced:

- [x] SCIENCE & ENGINEERING
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON

PaDen

INCIDENT NUMBER (S&E ONLY): 9 7 4 3 1 1 5 9

SAP or CRMT NUMBER (TS/CRMT): 1 2 0 9 5 4

DATE: 6/27/05

PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry Inc.

LOG CODE:

SITE ADDRESS (Street and City): 23387 Crosscreek @ Pcit Mulibu

GLOBAL ID NO.: T0603792899

ADDRESS: 8281 Commonwealth Ave. Buena Park, CA 90621

EDF DELIVERABLE TO (Responsible Party or Designee): TBalsitis@WPINC.com

PHONE NO.: (714) 826-0352

E-MAIL: TBalsitis@WPINC.com

CONSULTANT PROJECT NO.: 04,137

PROJECT CONTACT (Hardcopy or PDF Report to): Andrew Hart

TELEPHONE: (714) 826-0352

FAX: (714) 523-7541

E-MAIL:

SAMPLER NAME(S) (Print): A. Dollemore

LAB USE ONLY: 05-06-1692

TURNAROUND TIME (BUSINESS DAYS): [x] 10 DAYS [ ] 5 DAYS [ ] 72 HOURS [ ] 48 HOURS [ ] 24 HOURS [ ] LESS THAN 24 HOURS

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED [ ]

REQUESTED ANALYSIS

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

LAB USE ONLY	Field-Point ID	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	TRPH (418 1)		Vapor VOCs-BTEX / OXY(TO-15)	Vapor (TO-3)	Vapor (TO-14)	Vapor Fixed Gases (ASTM D1946)	TPH-D			Test for Disposal (4B - 28)		TEMPERATURE ON RECEIPT C°
1	GP-3	GP-3 d7	6/24	800	Soil	6	X	X		X	X				X							X			X		
2	GP-3	GP-3 d10	↓	0810	↓	6	↓	↓		↓	↓				↓							↓			↓		
3	GP-3	GP-3 d15	↓	0820	↓	1	↓	↓		↓	↓				↓							↓			↓		
4	GP-4	GP-4 d10	↓	0910	↓	1	↓	↓		↓	↓				↓							↓			↓		
5	GP-4	GP-4 (W)	↓	0840	H_2O	4/1	↓	↓		↓	↓				↓							↓			↓		

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] CEL	6/27/05	1600 1035
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) [signature]	Received by: (Signature) [signature] CEL	6/27/5	1110

02/08/05 Revision

Q&Q Graphic (714) 898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 0 6 - 1 0 9 2

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Wayne Perry DATE: 6/27/5

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided
- ____ Chilled, cooler without temperature blank
- ✓ Chilled and placed in cooler with wet ice
- ____ Ambient and placed in cooler with wet ice
- ____ Ambient temperature

3.0 °C Temperature blank

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank
- ____ °C IR thermometer
- ____ Ambient temperature

Initial: [illegible]

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): ✓

Initial: [illegible]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace	✓		
Tedlar bag(s) free of condensation			✓

Initial: [illegible]

COMMENTS:

Calscience Environmental Laboratories, Inc.

July 14, 2005

Truedi Balsitis
Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Subject: **Calscience Work Order No.: 05-07-0166**
Client Reference: 23387 Pacific Coast Highway, Malibu, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/6/2005 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Don Burley
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-1d7	**05-07-0166-1**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050706B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	760	50	10		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	80	62-152	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-2d7	**05-07-0166-2**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050706B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	6600	50	10		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	143	62-152	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7d7	**05-07-0166-3**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050706B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	76	62-152	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7d10	**05-07-0166-4**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050706B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	68	62-152	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.	Date Received:	07/06/05
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 3550B
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7d15	**05-07-0166-5**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050706B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	80	62-152	

GP-6d7	05-07-0166-6	07/01/05	Solid	07/06/05	07/07/05	050706B02

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5.0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	75	62-152	

GP-6d10	05-07-0166-7	07/01/05	Solid	07/06/05	07/07/05	050706B02

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	71	62-152	

GP-6d15	05-07-0166-8	07/01/05	Solid	07/06/05	07/07/05	050706B02

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	8 4	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	73	62-152	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**098-03-002-4,620**	**N/A**	**Solid**	**07/06/05**	**07/06/05**	**050706B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	5 0	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	96	62-152	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.	Date Received:	07/06/05
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7d15	**05-07-0166-5**	**07/01/05**	**Solid**	**07/07/05**	**07/08/05**	**050707B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	76	39-129	

GP-6d15	**05-07-0166-8**	**07/01/05**	**Solid**	**07/07/05**	**07/08/05**	**050707B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	73	39-129	

Method Blank	**098-03-008-5,634**	**N/A**	**Solid**	**07/07/05**	**07/07/05**	**050707B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 50	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	79	39-129	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 07/06/05
Work Order No: 05-07-0166
Preparation: EPA 5035
Method: DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-1d7	**05-07-0166-1**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706B02**

Comment(s): -Sample received after recommended holding time

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	200	21	85		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	115	70-130	

GP-2d7	**05-07-0166-2**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050706B02**

Comment(s): -Sample received after recommended holding time

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	2600	91	363		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	183	70-130	2

GP-7d7	**05-07-0166-3**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706B02**

Comment(s): -Sample received after recommended holding time

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	37	29	117		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	88	70-130	

GP-7d10	**05-07-0166-4**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050707B01**

Comment(s): -Sample received after recommended holding time

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 27	1 09		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	94	70-130	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 5035
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-6d7	**05-07-0166-6**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706B01**

Comment(s): -Sample received after recommended holding time

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 28	1 1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	78	70-130	

GP-6d10	**05-07-0166-7**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706B01**

Comment(s): -Sample received after recommended holding time

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 31	1 23		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	94	70-130	

Method Blank	**099-12-009-4,207**	**N/A**	**Solid**	**07/06/05**	**07/06/05**	**050706B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	70	70-130	

Method Blank	**099-12-009-4,208**	**N/A**	**Solid**	**07/06/05**	**07/06/05**	**050706B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	10	40		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	74	70-130	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.	Date Received:	07/06/05
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 5035
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-12-009-4,209**	**N/A**	**Solid**	**07/07/05**	**07/07/05**	**050707B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	0 25	1		mg/kg

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	86	70-130	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.	Date Received:	07/06/05
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7 (w)	**05-07-0166-9**	**07/01/05**	**Aqueous**	**07/06/05**	**07/07/05**	**050706B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	110	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	90	49-133	

GP-6 (w)	**05-07-0166-10**	**07/01/05**	**Aqueous**	**07/06/05**	**07/07/05**	**050706B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	4200	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	98	49-133	

Method Blank	**098-03-006-7,176**	**N/A**	**Aqueous**	**07/06/05**	**07/06/05**	**050706B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1 4-Bromofluorobenzene	67	49-133	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 3510C
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7 (w)	**05-07-0166-9**	**07/01/05**	**Aqueous**	**07/13/05**	**07/13/05**	**050713B07**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	1500	500	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	128	51-141	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-6 (w)	**05-07-0166-10**	**07/01/05**	**Aqueous**	**07/13/05**	**07/13/05**	**050713B07**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	1500	500	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	126	51-141	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**098-03-039-752**	**N/A**	**Aqueous**	**07/13/05**	**07/13/05**	**050713B07**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	500	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	94	51-141	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/kg
Project: 23387 Pacific Coast Highway, Malibu, CA			Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7d15	**05-07-0166-5**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	130	25		Methyl-t-Butyl Ether (MTBE)	ND	130	25	
Ethylbenzene	ND	130	25		Tert-Butyl Alcohol (TBA)	8200	1300	25	
Toluene	ND	130	25		Diisopropyl Ether (DIPE)	ND	250	25	
p/m-Xylene	ND	130	25		Ethyl-t-Butyl Ether (ETBE)	ND	250	25	
o-Xylene	ND	130	25		Tert-Amyl-Methyl Ether (TAME)	ND	250	25	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	97	73-139		1 2-Dichloroethane-d4	92	73-145	
Toluene-d8	108	90-108		1,4-Bromofluorobenzene	102	71-113	

GP-6d15	**05-07-0166-8**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	5 0	1		Methyl-t-Butyl Ether (MTBE)	ND	5 0	1	
Ethylbenzene	ND	5 0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
Toluene	ND	5 0	1		Diisopropyl Ether (DIPE)	ND	10	1	
p/m-Xylene	ND	5 0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
o-Xylene	ND	5 0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	73-139		1 2-Dichloroethane-d4	112	73-145	
Toluene-d8	96	90-108		1,4-Bromofluorobenzene	97	71-113	

Method Blank	**099-10-005-10,761**	**N/A**	**Solid**	**07/06/05**	**07/06/05**	**050706L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	5 0	1		Methyl-t-Butyl Ether (MTBE)	ND	5 0	1	
Ethylbenzene	ND	5 0	1		Tert-Butyl Alcohol (TBA)	ND	50	1	
Toluene	ND	5 0	1		Diisopropyl Ether (DIPE)	ND	10	1	
p/m-Xylene	ND	5.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	10	1	
o-Xylene	ND	5 0	1		Tert-Amyl-Methyl Ether (TAME)	ND	10	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	73-139		1 2-Dichloroethane-d4	107	73-145	
Toluene-d8	96	90-108		1 4-Bromofluorobenzene	97	71-113	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-005-10,763**	**N/A**	**Solid**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	130	25		Methyl-t-Butyl Ether (MTBE)	ND	130	25	
Ethylbenzene	ND	130	25		Tert-Butyl Alcohol (TBA)	ND	1300	25	
Toluene	ND	130	25		Diisopropyl Ether (DIPE)	ND	250	25	
p/m-Xylene	ND	130	25		Ethyl-t-Butyl Ether (ETBE)	ND	250	25	
o-Xylene	ND	130	25		Tert-Amyl-Methyl Ether (TAME)	ND	250	25	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	73-139		1 2-Dichloroethane-d4	90	73-145	
Toluene-d8	110	90-108	X	1 4-Bromofluorobenzene	101	71-113	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7 (w)	**05-07-0166-9**	**07/01/05**	**Aqueous**	**07/06/05**	**07/07/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	4.2	1.0	1	
Ethylbenzene	1.1	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	1.1	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	3.7	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	2.4	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	74-140		1,2-Dichloroethane-d4	102	74-146	
Toluene-d8	100	88-112		1,4-Bromofluorobenzene	98	74-110	

GP-6 (w)	**05-07-0166-10**	**07/01/05**	**Aqueous**	**07/06/05**	**07/07/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	1.7	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	102	74-140		1,2-Dichloroethane-d4	102	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	99	74-110	

Method Blank	**099-10-006-14,897**	**N/A**	**Aqueous**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	99	74-140		1,2-Dichloroethane-d4	98	74-146	
Toluene-d8	99	88-112		1,4-Bromofluorobenzene	99	74-110	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.		Date Received:	07/06/05
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 5035
		Method:	EPA 8260B
		Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-1d7	**05-07-0166-1**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	110	85	84 9		Methyl-t-Butyl Ether (MTBE)	ND	170	84 9	
Ethylbenzene	1900	85	84 9		Tert-Butyl Alcohol (TBA)	ND	1700	84 9	
Toluene	ND	85	84 9		Diisopropyl Ether (DIPE)	ND	85	84 9	
p/m-Xylene	2400	170	84 9		Ethyl-t-Butyl Ether (ETBE)	ND	85	84 9	
o-Xylene	380	85	84 9		Tert-Amyl-Methyl Ether (TAME)	ND	85	84 9	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	92	71-137			1 2-Dichloroethane-d4	89	58-160		
1,4-Bromofluorobenzene	100	66-126			Toluene-d8	108	87-111		

GP-2d7	**05-07-0166-2**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	3800	360	363		Methyl-t-Butyl Ether (MTBE)	ND	730	363	
Ethylbenzene	39000	360	363		Tert-Butyl Alcohol (TBA)	9700	7300	363	
Toluene	3200	360	363		Diisopropyl Ether (DIPE)	ND	360	363	
p/m-Xylene	55000	730	363		Ethyl-t-Butyl Ether (ETBE)	ND	360	363	
o-Xylene	11000	360	363		Tert-Amyl-Methyl Ether (TAME)	ND	360	363	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	71-137			1 2-Dichloroethane-d4	111	58-160		
1,4-Bromofluorobenzene	99	66-126			Toluene-d8	104	87-111		

GP-7d7	**05-07-0166-3**	**07/01/05**	**Solid**	**07/06/05**	**07/07/05**	**050707L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	9 9	1 1	1 11		Methyl-t-Butyl Ether (MTBE)	38	2	1 11	
Ethylbenzene	ND	1 1	1 11		Tert-Butyl Alcohol (TBA)	110	22	1 11	
Toluene	2 8	1 1	1 11		Diisopropyl Ether (DIPE)	ND	1 1	1 11	
p/m-Xylene	ND	2 2	1 11		Ethyl-t-Butyl Ether (ETBE)	ND	1 1	1 11	
o-Xylene	ND	1 1	1 11		Tert-Amyl-Methyl Ether (TAME)	ND	1 1	1 11	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	114	71-137			1 2-Dichloroethane-d4	122	58-160		
1 4-Bromofluorobenzene	100	66-126			Toluene-d8	98	87-111		

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	07/06/05
Work Order No:	05-07-0166
Preparation:	EPA 5035
Method:	EPA 8260B
Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-7d10	**05-07-0166-4**	**07/01/05**	**Solid**	**07/06/05**	**07/08/05**	**050708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.8	1.1	1.09		Methyl-t-Butyl Ether (MTBE)	9.4	2.2	1.09	
Ethylbenzene	ND	1.1	1.09		Tert-Butyl Alcohol (TBA)	32	22	1.09	
Toluene	1.5	1.1	1.09		Diisopropyl Ether (DIPE)	ND	1.1	1.09	
p/m-Xylene	ND	2.2	1.09		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.09	
o-Xylene	ND	1.1	1.09		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.09	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	130	71-137		1,2-Dichloroethane-d4	140	58-160	
1,4-Bromofluorobenzene	98	66-126		Toluene-d8	103	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-6d7	**05-07-0166-6**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.9	1.1	1.11		Methyl-t-Butyl Ether (MTBE)	ND	2.2	1.11	
Ethylbenzene	ND	1.1	1.11		Tert-Butyl Alcohol (TBA)	ND	22	1.11	
Toluene	ND	1.1	1.11		Diisopropyl Ether (DIPE)	ND	1.1	1.11	
p/m-Xylene	ND	2.2	1.11		Ethyl-t-Butyl Ether (ETBE)	ND	1.1	1.11	
o-Xylene	ND	1.1	1.11		Tert-Amyl-Methyl Ether (TAME)	ND	1.1	1.11	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	71-137		1,2-Dichloroethane-d4	117	58-160	
1,4-Bromofluorobenzene	96	66-126		Toluene-d8	97	87-111	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GP-6d10	**05-07-0166-7**	**07/01/05**	**Solid**	**07/06/05**	**07/06/05**	**050706L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2.1	1.2	1.18		Methyl-t-Butyl Ether (MTBE)	ND	2.4	1.18	
Ethylbenzene	ND	1.2	1.18		Tert-Butyl Alcohol (TBA)	ND	24	1.18	
Toluene	ND	1.2	1.18		Diisopropyl Ether (DIPE)	ND	1.2	1.18	
p/m-Xylene	ND	2.4	1.18		Ethyl-t-Butyl Ether (ETBE)	ND	1.2	1.18	
o-Xylene	ND	1.2	1.18		Tert-Amyl-Methyl Ether (TAME)	ND	1.2	1.18	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	71-137		1,2-Dichloroethane-d4	113	58-160	
1,4-Bromofluorobenzene	99	66-126		Toluene-d8	98	87-111	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	07/06/05
Work Order No:	05-07-0166
Preparation:	EPA 5035
Method:	EPA 8260B
Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-11,593**	**N/A**	**Solid**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	100	100		Methyl-t-Butyl Ether (MTBE)	ND	200	100	
Ethylbenzene	ND	100	100		Tert-Butyl Alcohol (TBA)	ND	2000	100	
Toluene	ND	100	100		Diisopropyl Ether (DIPE)	ND	100	100	
p/m-Xylene	ND	200	100		Ethyl-t-Butyl Ether (ETBE)	ND	100	100	
o-Xylene	ND	100	100		Tert-Amyl-Methyl Ether (TAME)	ND	100	100	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	94	71-137		1 2-Dichloroethane-d4	90	58-160	
1,4-Bromofluorobenzene	101	66-126		Toluene-d8	110	87-111	

Method Blank	**095-01-025-11,594**	**N/A**	**Solid**	**07/06/05**	**07/06/05**	**050706L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1 0	1		Methyl-t-Butyl Ether (MTBE)	ND	2 0	1	
Ethylbenzene	ND	1 0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
Toluene	ND	1 0	1		Diisopropyl Ether (DIPE)	ND	1 0	1	
p/m-Xylene	ND	2 0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1 0	1	
o-Xylene	ND	1 0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1 0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	71-137		1 2-Dichloroethane-d4	107	58-160	
1,4-Bromofluorobenzene	97	66-126		Toluene-d8	96	87-111	

Method Blank	**095-01-025-11,599**	**N/A**	**Solid**	**07/07/05**	**07/07/05**	**050707L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1 0	1		Methyl-t-Butyl Ether (MTBE)	ND	2 0	1	
Ethylbenzene	ND	1 0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
Toluene	ND	1 0	1		Diisopropyl Ether (DIPE)	ND	1 0	1	
p/m-Xylene	ND	2 0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1 0	1	
o-Xylene	ND	1 0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1 0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	71-137		1 2-Dichloroethane-d4	111	58-160	
1 4-Bromofluorobenzene	97	66-126		Toluene-d8	96	87-111	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

Wayne Perry, Inc.	Date Received:	07/06/05
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 5035
	Method:	EPA 8260B
	Units:	ug/kg

Project: 23387 Pacific Coast Highway, Malibu, CA

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-025-11,603**	**N/A**	**Solid**	**07/08/05**	**07/08/05**	**050708L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	20	1	
Toluene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	1.0	1	
p/m-Xylene	ND	2.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	1.0	1	
o-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	1	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	122	71-137		1,2-Dichloroethane-d4	124	58-160	
1,4-Bromofluorobenzene	85	66-126		Toluene-d8	100	87-111	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 07/06/05
Work Order No: 05-07-0166
Preparation: EPA 3550B
Method: DHS LUFT

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-07-0158-1	**Solid**	**GC 15**	**07/06/05**	**07/06/05**	**050706S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	93	92	71-125	1	0-12	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	07/06/05
Work Order No:	05-07-0166
Preparation:	EPA 5030B
Method:	DHS LUFT

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-07-0209-8	**Solid**	**GC 24**	**07/07/05**	**07/07/05**	**050707S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	86	88	66-108	2	0-18	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	07/06/05
Work Order No:	05-07-0166
Preparation:	EPA 5030B
Method:	DHS LUFT

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-07-0165-3	**Aqueous**	**GC 4**	**07/06/05**	**07/06/05**	**050706S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	96	70-112	1	0-17	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 07/06/05
Work Order No: 05-07-0166
Preparation: EPA 5030B
Method: EPA 8260B

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GP-6d15	**Solid**	**GC/MS I**	**07/06/05**	**07/06/05**	**050706S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	109	108	79-115	1	0-13	
Carbon Tetrachloride	98	104	55-139	6	0-15	
Chlorobenzene	107	108	79-115	0	0-17	
1 2-Dichlorobenzene	104	106	63-123	2	0-23	
1 1-Dichloroethene	118	117	69-123	2	0-16	
Toluene	114	115	79-115	1	0-15	
Trichloroethene	122	118	66-144	3	0-14	
Vinyl Chloride	100	96	60-126	4	0-14	
Methyl-t-Butyl Ether (MTBE)	114	112	68-128	2	0-14	
Tert-Butyl Alcohol (TBA)	100	109	44-134	8	0-37	
Diisopropyl Ether (DIPE)	115	115	75-123	0	0-12	
Ethyl-t-Butyl Ether (ETBE)	112	113	75-117	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	111	111	79-115	0	0-12	
Ethanol	90	91	42-138	1	0-28	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: 07/06/05
Work Order No: 05-07-0166
Preparation: EPA 5030B
Method: EPA 8260B

Project 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
05-07-0142-5	**Aqueous**	**GC/MS EE**	**07/06/05**	**07/07/05**	**050706S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	94	88-118	1	0-7	
Carbon Tetrachloride	94	95	67-145	1	0-11	
Chlorobenzene	96	96	88-118	0	0-7	
1 2-Dichlorobenzene	95	96	86-116	1	0-8	
1 1-Dichloroethene	97	94	70-130	4	0-25	
Toluene	94	93	87-123	1	0-8	
Trichloroethene	94	92	79-127	2	0-10	
Vinyl Chloride	88	87	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	86	93	71-131	8	0-13	
Tert-Butyl Alcohol (TBA)	81	75	36-168	8	0-45	
Diisopropyl Ether (DIPE)	94	96	81-123	2	0-9	
Ethyl-t-Butyl Ether (ETBE)	94	93	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	92	92	72-126	0	0-12	
Ethanol	85	85	53-149	0	0-31	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Wayne Perry, Inc		Date Received:	N/A
8281 Commonwealth Avenue		Work Order No:	05-07-0166
Buena Park, CA 90621-2537		Preparation:	EPA 3550B
		Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
098-03-002-4,620	**Solid**	**GC 15**	**07/06/05**	**003F0301**	**050706B02**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
TPH as Diesel	400	370	93	71-119	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-07-0166
Preparation:	EPA 5030B
Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-008-5,634	**Solid**	**GC 24**	**07/07/05**	**07/07/05**	**050707B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	100	101	70-118	1	0-28	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-07-0166
Preparation:	EPA 5035
Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,207	**Solid**	**GC 22**	**07/06/05**	**07/06/05**	**050706B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	100	70-130	5	0-25	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-07-0166
Preparation:	EPA 5035
Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,208	**Solid**	**GC 22**	**07/06/05**	**07/06/05**	**050706B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	130	106	70-130	20	0-25	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-07-0166
Preparation:	EPA 5035
Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-009-4,209	**Solid**	**GC 22**	**07/07/05**	**07/07/05**	**050707B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	101	104	70-130	2	0-25	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 5030B
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-006-7,176	**Aqueous**	**GC 4**	**07/06/05**	**07/06/05**	**050706B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	93	72-114	1	0-10	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 3510C
	Method:	DHS LUFT

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
098-03-039-752	**Aqueous**	**GC 23**	**07/13/05**	**07/13/05**	**050713B07**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	112	118	60-132	5	0-11	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 05-07-0166
Preparation: EPA 5030B
Method: EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-005-10,761	**Solid**	**GC/MS I**	**07/06/05**	**07/06/05**	**050706L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	84-114	1	0-7	
Carbon Tetrachloride	110	112	66-132	1	0-12	
Chlorobenzene	104	105	87-111	1	0-7	
1 2-Dichlorobenzene	105	106	79-115	1	0-8	
1 1-Dichloroethene	110	108	73-121	1	0-12	
Toluene	110	110	78-114	0	0-7	
Trichloroethene	109	111	84-114	2	0-8	
Vinyl Chloride	93	94	63-129	1	0-15	
Methyl-t-Butyl Ether (MTBE)	107	104	77-125	3	0-11	
Tert-Butyl Alcohol (TBA)	101	105	47-137	3	0-27	
Diisopropyl Ether (DIPE)	107	107	76-130	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	105	105	76-124	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	107	82-118	1	0-11	
Ethanol	95	96	59-131	1	0-21	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-005-10,763	**Solid**	**GC/MS I**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	84-114	1	0-7	
Carbon Tetrachloride	110	112	66-132	1	0-12	
Chlorobenzene	104	105	87-111	1	0-7	
1 2-Dichlorobenzene	105	106	79-115	1	0-8	
1 1-Dichloroethene	110	108	73-121	1	0-12	
Toluene	110	110	78-114	0	0-7	
Trichloroethene	109	111	84-114	2	0-8	
Vinyl Chloride	93	94	63-129	1	0-15	
Methyl-t-Butyl Ether (MTBE)	107	104	77-125	3	0-11	
Tert-Butyl Alcohol (TBA)	101	105	47-137	3	0-27	
Diisopropyl Ether (DIPE)	107	107	76-130	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	105	105	76-124	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	107	82-118	1	0-11	
Ethanol	95	96	59-131	1	0-21	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received:	N/A
Work Order No:	05-07-0166
Preparation:	EPA 5030B
Method:	EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-14,897	**Aqueous**	**GC/MS EE**	**07/06/05**	**07/06/05**	**050706L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	98	84-120	2	0-8	
Carbon Tetrachloride	99	99	63-147	1	0-10	
Chlorobenzene	99	100	89-119	0	0-7	
1 2-Dichlorobenzene	98	98	89-119	0	0-9	
1 1-Dichloroethene	97	97	77-125	1	0-16	
Toluene	96	97	83-125	1	0-9	
Trichloroethene	97	98	89-119	1	0-8	
Vinyl Chloride	90	93	63-135	3	0-13	
Methyl-t-Butyl Ether (MTBE)	96	92	82-118	5	0-13	
Tert-Butyl Alcohol (TBA)	82	83	46-154	1	0-32	
Diisopropyl Ether (DIPE)	97	97	81-123	0	0-11	
Ethyl-t-Butyl Ether (ETBE)	96	96	74-122	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	94	95	76-124	1	0-10	
Ethanol	89	91	60-138	2	0-32	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc.
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 05-07-0166
Preparation: EPA 5035
Method: EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-11,594	**Solid**	**GC/MS I**	**07/06/05**	**07/06/05**	**050706L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	85-115	1	0-11	
Carbon Tetrachloride	110	112	68-134	1	0-14	
Chlorobenzene	104	105	83-119	1	0-9	
1 2-Dichlorobenzene	105	106	57-135	1	0-10	
1 1-Dichloroethene	110	108	72-120	1	0-10	
Toluene	110	110	67-127	0	0-10	
Trichloroethene	109	111	88-112	2	0-9	
Vinyl Chloride	93	94	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	107	104	76-124	3	0-12	
Tert-Butyl Alcohol (TBA)	101	105	31-145	3	0-23	
Diisopropyl Ether (DIPE)	107	107	74-128	0	0-10	
Ethyl-t-Butyl Ether (ETBE)	105	105	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	106	107	81-123	1	0-10	
Ethanol	95	96	44-152	1	0-24	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc	Date Received:	N/A
8281 Commonwealth Avenue	Work Order No:	05-07-0166
Buena Park, CA 90621-2537	Preparation:	EPA 5035
	Method:	EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-11,599	**Solid**	**GC/MS I**	**07/07/05**	**07/07/05**	**050707L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	100	85-115	4	0-11	
Carbon Tetrachloride	114	109	68-134	5	0-14	
Chlorobenzene	105	100	83-119	5	0-9	
1 2-Dichlorobenzene	107	101	57-135	5	0-10	
1 1-Dichloroethene	112	107	72-120	4	0-10	
Toluene	111	105	67-127	6	0-10	
Trichloroethene	109	105	88-112	4	0-9	
Vinyl Chloride	95	94	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	108	104	76-124	4	0-12	
Tert-Butyl Alcohol (TBA)	97	89	31-145	9	0-23	
Diisopropyl Ether (DIPE)	111	106	74-128	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	109	105	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	107	101	81-123	6	0-10	
Ethanol	92	88	44-152	4	0-24	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Wayne Perry, Inc
8281 Commonwealth Avenue
Buena Park, CA 90621-2537

Date Received: N/A
Work Order No: 05-07-0166
Preparation: EPA 5035
Method: EPA 8260B

Project: 23387 Pacific Coast Highway, Malibu, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-025-11,603	**Solid**	**GC/MS Z**	**07/08/05**	**07/08/05**	**050708L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	104	85-115	4	0-11	
Carbon Tetrachloride	93	98	68-134	5	0-14	
Chlorobenzene	97	103	83-119	6	0-9	
1 2-Dichlorobenzene	97	105	57-135	8	0-10	
1 1-Dichloroethene	89	91	72-120	2	0-10	
Toluene	101	106	67-127	5	0-10	
Trichloroethene	95	99	88-112	4	0-9	
Vinyl Chloride	79	82	57-129	4	0-16	
Methyl-t-Butyl Ether (MTBE)	97	102	76-124	5	0-12	
Tert-Butyl Alcohol (TBA)	85	88	31-145	3	0-23	
Diisopropyl Ether (DIPE)	105	111	74-128	5	0-10	
Ethyl-t-Butyl Ether (ETBE)	98	104	77-125	6	0-9	
Tert-Amyl-Methyl Ether (TAME)	96	102	81-123	6	0-10	
Ethanol	85	92	44-152	8	0-24	

RPD - Relative Percent Difference CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 05-07-0166

Qualifier	Definition
*	See applicable analysis comment
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.

7440 Lincoln Way

Garden Grove, CA 92841-1432

(714) 895-5494 (714) 894-7501 fax

SHELL Chain Of Custody Record

Shell Project Manager to be invoiced:

- [x] SCIENCE & ENGINEERING
- [ ] TECHNICAL SERVICES
- [ ] CRMT HOUSTON

Paden

INCIDENT NUMBER (S&E ONLY): 9 7 4 3 1 1 5 9

SAP or CRMT NUMBER (TS/CRMT): 1 2 0 9 5 4

DATE: 7/5/05

PAGE: 1 of 1

SAMPLING COMPANY: Wayne Perry Inc.

LOG CODE:

SITE ADDRESS (Street and City): Crosscreek @ PCH Malibu

GLOBAL ID NO.: T0603792899

ADDRESS: 8281 Commonwealth Ave. Buena Park, CA 90621

EDF DELIVERABLE TO (Responsible Party or Designee): TBalsitis@WPINC.com

PHONE NO.: (714) 826-0352

E-MAIL: TBalsitis@WPINC.com

CONSULTANT PROJECT NO.: 04.137R

PROJECT CONTACT (Hardcopy or PDF Report to): Erica Takash

TELEPHONE: (714) 826-0352

FAX: (714) 523-7541

E-MAIL:

SAMPLER NAME(S) (Print): A. Dollemore

LAB USE ONLY: 05-~~06~~ 07-0166

TURNAROUND TIME (BUSINESS DAYS): [x] 10 DAYS [ ] 5 DAYS [ ] 72 HOURS [ ] 48 HOURS [ ] 24 HOURS [ ] LESS THAN 24 HOURS

[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY:

GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED [ ]

(✓) Encores In Freezer

REQUESTED ANALYSIS

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

LAB USE ONLY	Field-Point ID	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	EPA 5035 Extraction for Volatiles	TRPH (418.1)		Vapor VOCs-BTEX / OXY(TO-15)	Vapor (TO-3)	Vapor (TO-14)	Vapor Fixed Gases (ASTM D1946)	TPH-D			Test for Disposal (4B - ___)		TEMPERATURE ON RECEIPT C°
1	GP-1	GP-1 d7	7/1	0700	Soil	6	x	x		x	x				x							x					
2	GP-2	GP-2 d7		0730	Soil	6	x	x		x	x				x							x					
3	GP-7	GP-7 d7		0900	Soil	6	x	x		x	x				x							x					
4	↓	GP-7 d10		0910	Soil	6	x	x		x	x				x							x					
5	↓	GP-7 d15		0920	Soil	1	x	x		x	x				x							x					
6	GP-6	GP-6 d7		1000	Soil	6	x	x		x	x				x							x					
7	↓	GP-6 d10		1010	Soil	6	x	x		x	x				x							x					
8	↓	GP-6 d15		1020	Soil	1	x	x		x	x				x							x					
9	GP-7	GP-7 (w)		0930	H_2O	4/1	x	x		x	x				[illegible]							x					
10	GP-6	GP-6 (w)		1030	H_2O	4/1	x	x		x	x				[illegible]	AD						x					

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] CEL	7/~~5~~ 6/05	~~0600~~ 10:05
[signature]			
[signature]	Wabata CTL	7/6/05	10:25

02/08/05 Revision

Q&Q Graphic (714) 898-9702

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 05 - 07 - 0166

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: WPI

DATE: 07/06/05

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided
- ____ Chilled, cooler without temperature blank
- ✓ Chilled and placed in cooler with wet ice
- ____ Ambient and placed in cooler with wet ice
- ____ Ambient temperature
- 3.0 °C Temperature blank

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank
- ____ °C IR thermometer
- ____ Ambient temperature

Initial: TW

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact): ____ Not Applicable (N/A): ✓

Initial: TW

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace	✓		
Tedlar bag(s) free of condensation			✓

Initial: TW

COMMENTS: