

- No water wells win 750' - Metals < 1045TCC

ENVIRONMENTAL ENGINEERING CORPORATION

May 16, 1997

Mr. Scott W. Amling AMRESCOManagement, Inc. 2 Corporate Park, Suite 100 Irvine, California 92714

RE: RESULTS OF THE PHASE II INVESTIGATION OF THE TRINITY IV PROPERTY

LOCATED AT 6805 SIERRA COURT, DUBLIN, CALIFORNIA MCLAREN/HART PROJECT NUMBER 01.0602875.001.001

Dear Mr. Amling:

This letter presents the results of the Phase II soil and groundwater investigation conducted at the above-referenced site. The work was performed to further assess the origin and extent of petroleum hydrocarbons in the diesel fuel and motor oil range (TPHd and TPHo) in soil and groundwater beneath the Property near the Federal Sign tenant space and adjacent hazardous materials storage area. The work was conducted in accordance with terms and conditions presented in the Proposal to Conduct a Phase II Investigation of the Trinity IV Property Located at 6805 Sierra Court, Dublin, California (McLaren/Hart Proposal RA97-0081), dated May 5, 1997.

BACKGROUND

Previous soil and groundwater sampling and soil excavation work was conducted in the Federal Sign hazardous materials storage area (HMSA) by McLaren/Hart in January and December of 1994. Results of the investigations can be found in following reports.

- 1) Phase I Environmental Assessment, Trinity Court Properties, 6560 & 6575 Trinity Court and 6805 & 6905 Sierra Court, Dublin, California, dated January 31, 1994, and
- 2) Soil Excavation, Disposal, and Backfilling for the Trinity Court Property Located in Dublin, California, dated May 10, 1995.

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McLaren/Hart located an area of oil stained soil adjacent to the HMSA pad during the Phase I Environmental Assessment of the Property conducted in December 1993. Total petroleum hydrodrocarbon (TPH) was detected in soil samples collected at 1 and 5 feet below grade from soil boring SB-1 at concentrations of 58 and 200 parts per million (ppm). Figure 1 shows the boring locations. Boring SB-1 was completed in the most heavily stained area adjacent to the HMSA pad. TPH was not detected in soil samples collected at 5 feet below grade and from just above the water table (approximately 12 feet below grade) from subsequent borings SB-2 through SB-5 drilled around SB-1. TPH was not detected in groundwater samples from borings SB-2 through SB-5 at levels above the laboratory reporting limit. The local groundwater flow direction was to the west, based on groundwater levels measured in wells at the adjacent Valent Corporation site east of the Property.

Based on the results of the soil investigation, approximately 15 cubic yards of soil were excavated from the stained area around boring SB-1. The excavation measured approximately 15 feet long by 3 feet wide by 6 feet deep. No TPH or ethylene glycol was detected in the confirmation soil samples collected from the four sidewalls and excavation base. The excavation was subsequently backfilled with imported fill, compacted, and paved over.

During a recent Phase II investigation conducted by AllWest Environmental at the Property (March 1997), soil and groundwater samples were collected from two soil borings (AB-1 and AB-2). Boring AB-1 was completed downgradient of, and adjacent to, the HSMA and boring AB-2 was completed inside the Federal Sign tenant space near the vehicle maintenance area as shown on Figure 1. TPHd and TPHo were detected in groundwater sample AB-2 at concentrations of 0.37 and 3.9 ppm, respectively. TPHd and TPHo oil were also detected in groundwater sample AB-2 at concentrations of 0.49 and 4.8 ppm, respectively. The soil samples collected from each boring (at approximately 10 feet) did not contain TPHd or TPHo above the laboratory reporting limit. No volatile organic compounds (VOCs) were detected in either the soil or groundwater samples. First groundwater was encountered at approximately 14 feet below grade and stabilized at 7 to 9 feet below grade.

SRI Environmental Engineers recently (April 1997) collected and analyzed groundwater samples from three monitoring wells (MW-1 through MW-3) located on the Valent Corporation site located east, and upgradient, of the Property. The well locations are shown on Figure 1. The samples were analyzed for gasoline-range petroleum hydrocarbons (TPHg), TPHd, semi-volatile

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organic compounds (SVOCs), VOCs, benzene, toluene, toluene, ethyl benzene and total xylenes (BTEX), priority pollutant metals and gross alpha and beta radiation. No VOCs, SVOCs, TPHg or TPHd were detected in any of the samples. Traces of copper and thallium were detected in groundwater from wells MW-1 and MW-2 and a trace of copper was detected in groundwater from well MW-3. The TPH chromatograms for wells MW-1, MW-2 and MW-3 were not quantified for TPHo.

SOIL AND GROUNDWATER SAMPLING

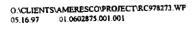
Soil and groundwater sampling was conducted on the Property on May 8, 1997 to further assess site conditions. Six borings (SB-6 through SB-11) were drilled at the site using a Geoprobe sampling rig. The boring locations are shown on Figure 1. Soil samples were collected in each boring at depths of 5, 10 and 15 feet below ground surface (bgs) for field screening with an organic vapor monitor (OVM), and potential laboratory analysis. No positive OVA readings were detected in any of the samples and no indications of oil-impacted soil were observed. This is foot soil sample from each boring was therefore selected for laboratory analysis.

Grab groundwater samples were also collected from each boring, except SB-11, for laboratory analysis. Groundwater was not encountered in SB-11 at the total depth drilled (21 feet bgs). First groundwater was encountered in the remaining borings at approximately 16 feet bgs and stabilized between 10 to 14 feet bgs. The groundwater samples were collected using a peristaltic pump through new temporary well screen installed in each boring. After sampling, each boring was backfilled with neat cement to ground surface.

All samples were placed in the appropriate containers, labeled and placed on ice in a cooler for shipment to the laboratory. A total of six soil samples (collected at 10 feet bgs) and five groundwater samples were submitted to CLS Laboratories in Rancho Cordova for TPHg, TPHd and TPHo analysis using EPA Method 8015 Modified.

ANALYTICAL RESULTS

As shown on Table 1, TPHo was detected in soil at concentrations ranging from 3.3 ppm at SB-6 (10 feet) to 7.5 ppm at SB-9 (10 feet). TPHo was detected in all groundwater samples at







concentrations ranging from 0.33 ppm at SB-7 to 1.8 ppm at SB-9. TPHd was also detected in all groundwater samples, except SB-9, at concentrations ranging from 0.060 ppm in SB-8 to 0.12 ppm in SB-7. TPHg was not detected in the soil or groundwater samples. Analytical data sheets are provided in Attachment 1.

TPHo QUANTIFICATION IN VALENT CORPORATION WELLS

TPHo analysis of the groundwater samples collected from off-site (upgradient) monitoring wells MW-1, MW-2 and MW-3 was not requested by SRI during the April 1997 sampling event. Because TPHo is the primary chemical of concern in groundwater beneath the Property, McLaren/Hart requested the laboratory (Chromalab) to quantify TPHo from the sample chromatograms for the wells.

As shown on Table 1, TPHo was not detected in groundwater from any of the wells above the laboratory reporting limit of 0.5 ppm. This reporting limit is, however, ten times higher than the reporting limit used by CLS labs for the groundwater samples analyzed from SB-6 through SB-10 (0.05 ppm). As such, it can not be determined if TPHo is present in groundwater from wells MW-1 through MW-3 at concentrations below 0.5 ppm. With the exception of the groundwater sample from SB-9 (1.8 ppm TPHo), TPHo was detected at concentrations below 0.5 ppm in groundwater from borings SB-6, SB-7, SB-8 and SB-10. The Chromalab TPHo analytical data sheets for wells MW-1 through MW-3 are provided in Attachment 1.

SUMMARY

Review of previous analytical data collected at the site, and the findings of this Phase II investigation support the following comments:

- No field indications of motor oil in soil or groundwater were observed during the May 8,
 1997 drilling activities.
- First groundwater was encountered at approximately 16 feet bgs and stabilized between 10 to 14 feet bgs in all borings except SB-11. Groundwater was not encountered in SB-11 at the total depth explored (21 feet).



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- TPHo was detected at low levels (3.3 to 7.5 ppm) in each soil sample analyzed from 19 feet bgs across the site. The low detections are not considered significant.
- With one exception, low levels of TPHo were detected in groundwater across the site at relatively consistent concentrations (0.33 to 0.48 ppm). The one exception was the detection of TPHo in groundwater from boring SB-9 at 1.8 ppm. Boring SB-9 was drilled within 10 to 15 feet of the former excavation area.
- The elevated TPHo concentration detected in AllWest boring AB-1 (3.9 ppm) was not confirmed by the TPHo result from McLaren/Hart boring SB-6 (0.36 ppm), which was completed within two feet of AB-1.
- Because of the elevated reporting limit (0.5 ppm) for TPHo in off-site wells MW-1 through MW-3, it is unknown if TPHo is present in off-site groundwater at concentrations below 0.5 ppm. The majority of TPHo detections in on-site groundwater were below 0.5 ppm.
- Review of previous analytical data indicate that no VOCs, BTEX or SVOCs have been detected in soil or groundwater at the Property to date.

CLOSURE

If you have any questions or comments concerning this report, please call me (916) 638-3696. McLaren/Hart appreciates the opportunity to provide environmental consulting services to AMRESCO, Inc.

Sincerely,

Tim Costello

Supervising Geoscientist

Attachment





ENVIRONMENTAL ENGINEERING CORPORATION

FIGURE 1 BORING LOCATIONS 6805 SIERRA COURT DUBLIN, CALIFORNIA

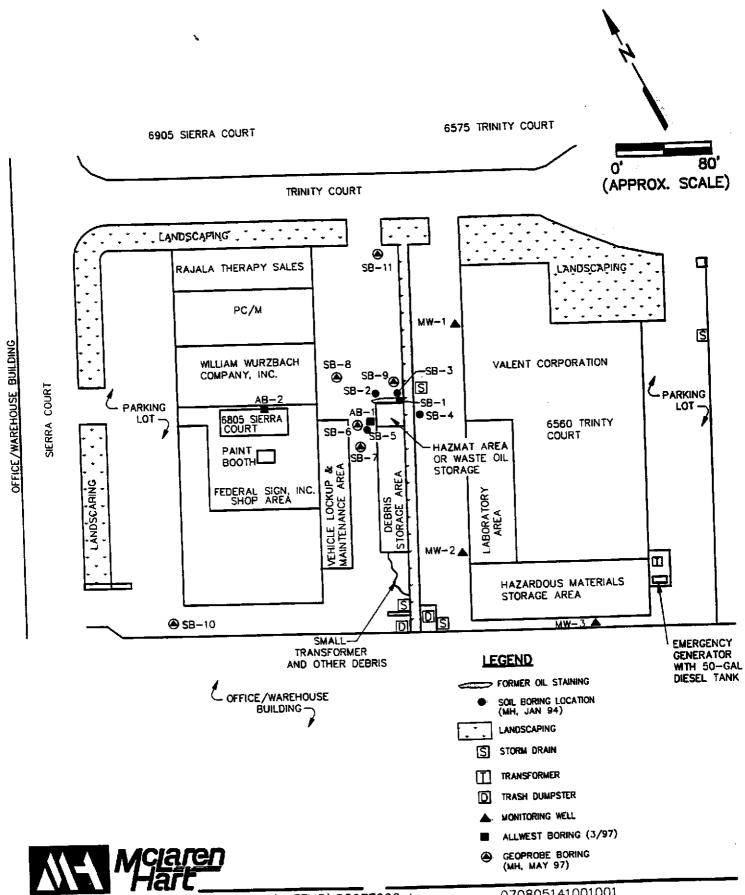


TABLE 1

Summary of Soil and Groundwater Analytical Results - TPH Trinity IV Property 6805 Sierra Court Dublin, California

Location	Depth (feet, bgs)	Sample Date	трн	ТРН-д	TPH-d	ТРН-0
	· · · · · ·	Soil Analytic	cal Results - McLo	ren/Hart, January	1994	
SB-1 (1)	1	1/13/94	58			
` ,	5	1/13/94	220			
SB-2	5	1/26/94	< 5.0			
	12	1/26/94	< 5.0			
SB-3	5	1/26/94	< 5.0			
	12	1/26/94	< 5.0			
SB-4	5	1/26/94	< 5.0			
	11	1/26/94	< 5.0			
SB-5	5	1/26/94	< 5.0			
	12	1/26/94	< 5.0			
		Soil Ar	alytical Results -	AllWest, March 19	997	
AB-1	11	3/10/97			< 1.0	< 15
AB-1	12	3/10/97			< 1.0	< 15
		Soil Ana	lytical Results - N	IcLaren/Hart, May	1997	
SB-6	10	5/8/97		< 1.0	< 1.0	3.3
SB-7	10	5/8/97		< 1.0	< 1.0	3.9
SB-8	10	5/8/97		< 1.0	< 1.0	3.8
SB-9	10	5/8/97		< 1.0	< 1.0	3.8
SB-10	10	5/8/97		< 1.0	< 1.0	7.5
SB-11	10	5/8/97		< 1.0	< 1.0	3.5
3D-11			Analytical Results	: - McLaren/Hart, .	lanuary 1994	
SB-2		1/26/94	< 0.79			
SB-3		1/26/94	< 0.30			***
SB-4		1/26/94	< 0.46			
SB-5	<u> </u>	1/26/94	< 0.20			

TABLE 1

Summary of Soil and Groundwater Analytical Results - TPH Trinity IV Property 6805 Sierra Court Dublin, California

ocation	Depth (feet, bgs)	Sample Date	TRPH	ТРН-д	TPH-d	TPH-0
		Groundwate	er Analytical Res	ults - AllWest, March	1997	_
AD 1		3/10/97		< 0.050	0.37	3.9
AB-1 AB-2		3/10/97		< 0.050	0.49	4.8
		Groundwater	Analytical Resul	ts - McLaren/Hart, M		0.36
SB-6		5/8/97		< 0.050	0.088	0.33
SB-7		5/8/97		< 0.050	0.12	
SB-8		5/8/97		< 0.050	0.060	0.45
SB-9		5/8/97		< 0.25	< 0.25	1.8
SB-10		5/8/97		< 0.050	0.097	0.48
		Ground	lwater Analytical	Results - SRI, April 1	1997	
) (III (2)		4/8/97		< 0.050	< 0.050	< 0.5
MW-1 (2)		4/8/97		< 0.050	< 0.050	< 0.5
MW-2 (2)		4/8/97		< 0.050	< 0.050	< 0.5
MW-3 (2)		4/0/9/				

Note:	All results presented in parts per million (ppm).
TPH-g	Total Petroleum Hydrocarbons as gasoline, EPA Method 8015M
TPH-d	Total Petroleum Hydrocarbons as diesel. EPA Method 8015M
TPH-0	Total Petroleum Hydrocarbons as motor oil, EPA Method 8015M
	Total Recoverable Petroleum Hydrocarbons, EPA Method 418.1.
TRPH	
	Not Analyzed
(1)	TPH impacted soil in this area excavated by McLaren/Hart on December 12, 1994.
(2)	Monitoring well located on the adjacent, upgradient, Valent Corporation site.

ATTACHMENT 1

Laboratory Analytical Data Sheets



California Laboratory Services

Environmental Laboratory Information System

This report was sent automatically. In the event of an incomplete transmittence, 5 attempts will be made to send the complete number of pages for this report. If you have any questions, please call (916)638-7301 for essistence.

To: K. Hoofard

Date:5-13-97

From: California Laboratory Services

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The following facsimile report is of a preliminary nature and as such does not include data that will be forthcoming in the complete report package. Interpretation of the report results should be made only after the complete report package has been delivered.

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-1A

Job No.: 807498

CDC Log No.: 28551

Batch No.: 51049

Instrument ID: PGC06 Analyst ID: SEPIDEHS

Matrix: SOIL

Project: Amresco

Date Sampled: 05/08/97

Date Received: 05/09/97 Date Extracted: 05/09/97 Date Analyzed: 05/12/97

Date Reported: 05/13/97

Client ID No.: SB-11 (9'10') 45904

___ SB-11 (9'10') 45904 _____

Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
Gasoline	N/A	ND	1.0	1.0
Diesel	N/A	ND	1.0	1.0
Motor Oil (C22-C32)	N/A	3.5	1.0	1.0

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova Project No.: 01.0602875.001.001

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97 Date Extracted: 05/09/97 Date Analyzed: 05/12/97

Date Reported: 05/13/97

Client ID No.: SB-9 (9'10') 45905

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-2A

Job No.: 807498 COC Log No.: 28551

Batch No.: 51049 Instrument ID: PGC06

Analyst ID: SEPIDEHS

Matrix: SOIL

_____ SB-9 (9'10') 45905 _____

Analyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
Gasoline	N/A	ND	1.0	1.0
Diesel	N/A	ND	1.0	1.0
Motor Oil (C22-C32)	N/A	3.8	1.0	1.0

From: California Laboratory Services at 🕮 1-916-638-4518

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97 Date Extracted: 05/09/97 Date Analyzed: 05/12/97

Date Reported: 05/13/97 Client ID No.: SB-8 (9'10') 45906 Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No : N7498-3A Job No.: 807498

CDC Log No.: 28551 Batch No.: 51049 Instrument ID: PGC06

Analyst ID: SEPIDEHS

Matrix: SOIL

SB-8 (9'10') 45906				
CAS No.	Results	Rep. Limit	Dilution	
	(mg/kg)	(mg/kg)	(factor)	
N/A	ND	1.0	1.0	
N/A	ND	1.0	1.0	
N/A	3.8	1.0	1.0	
	CAS No.	CAS No. Results (mg/kg) N/A ND ND ND NA ND 3.8	CAS No. Results (mg/kg) Rep. Limit (mg/kg) N/A ND 1.0 N/A ND 1.0 N/A 3.8 1.0	

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified

Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97

Client ID No.: SB-6 (9'10') 45907

Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-4A Job No.: 807498

COC Log No.: 28551

Batch No.: 51049

Instrument ID: PGC06

Analyst ID: SEPIDEHS

Matrix: SOIL

SB-6 (9'10') 45907 _____

Ana lyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
Gasoline	N/A	ДИ	1.0	1.0
Diesel	N/A	ДИ	1.0	1.0
Motor Oil (C22-C32)	N/A	3.3	1.0	1.0

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-5A

Job No.: 807498

CDC Log No.: 28551

Batch No.: 51049

Instrument ID: PGC06

Analyst ID: SEPIDEHS

Matrix: SOIL

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97

Date Extracted: 05/09/97 Date Analyzed: 05/12/97 Date Reported: 05/13/97

Client ID No.: SB-7 (9'10') 45908

____ SB-7 (9'10') 45908 ______

Ana lyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
Gasoline	N/A	ND	1.0	1.0
Diesel	N/A	ND	1.0	1.0
Motor Oil (C22-C32)	N/A	3.9	1.0	1.0

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Analysis Report: Fuel Fingerprinting, EPA 8015 Modified Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova Project No.: 01.0602875.001.001

11101 White Rock Rd.

Rancho Cordova, CA 95670

Lab Contact: Ray Oslowski

Lab ID No.: N7498-6A

Contact: K. Hoofard

Phone: (916)638-3696

Job No.: 807498

CDC Log No.: 28551 Batch No.: 51049 Instrument ID: PGC06

Analyst ID: SEPIDEHS

Matrix: SOIL

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97

Date Extracted: 05/09/97 Date Analyzed: 05/12/97 Date Reported: 05/13/97

Client ID No.: SB-10 (9'10') 45909

___ SB-10 (9'10') 45909 _____

Ana lyte	CAS No.	Results (mg/kg)	Rep. Limit (mg/kg)	Dilution (factor)
Gasoline	N/A	ND	5.0	5.0
Diesel	N/A	ND	5.0	5.0
Motor Oil (C22-C32)	N/A	7.5	5.0	5.0

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified

Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97 Date Extracted: 05/09/97 Date Analyzed: 05/12/97

Date Reported: 05/13/97 Client ID No.: SB-9 (516251) Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-7A

Job No.: 807498 COC Log No.: 28551 Batch No.: 51050

Instrument ID: PGC06
Analyst ID: SEPIDEHS

Matrix: WATER

_ SB-9 (S	516251)

Analyte	CAS No.	Results (mg/L)	Rep. Limit (mg/L)	Dilution (factor)
Gasoline	N/A	ND	0.25	5.0
Diesel	N/A	ND	0.25	5.0
Motor Oil (C22-C32)	N/A	1.8	0.25	5.0

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified

Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97 Date Extracted: 05/09/97

Date Analyzed: 05/12/97 Date Reported: 05/13/97

Client ID No.: SB-8 (516252)

Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-8A

Job No.: 807498

COC Log No.: 28551

Batch No.: 51050 Instrument ID: PGC06

Analyst ID: SEPIDEHS

Matrix: WATER

_____ SB-8 (516252) _____

Analyte	CAS No.	Results (mg/L)	Rep. Limit (mg/L)	Dilution (factor)
Gasoline	N/A	ND	0.050	1.0
Diesel	N/A	0.060	0.050	1.0
Motor Oil (C22-C32)	N/A	0.45	0.050	1.0

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/13/97
Date Reported: 05/13/97

Client ID No.: SB-6 (516253)

Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-9A

Job No.: 807498 CDC Log No.: 28551 Batch No.: 51050

Instrument ID: PGC06
Analyst ID: SEPIDEHS

Matrix: WATER

SB-6 (516253) _____

Analyte	CAS No.	Results (mg/L)	Rep. Limit (mg/L)	Dilution (factor)
Gasoline	N/A	ND	0.050	1.0
Diesel	N/A	0.088	0.050	1.0
Motor Oil (CZZ-C3Z)	N/A	0.36	0.050	1.0

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97 Date Extracted: 05/09/97 Date Analuzed: 05/12/97

Date Reported: 05/13/97

Client ID No.: SB-7 (516254)

Project No.: 01.0602875.001.001

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-10A

Job No.: 807498 COC Log No.: 28551

Batch No.: 51050 Instrument ID: PGC06

Analyst ID: SEPIDEHS

Matrix: WATER

SB-7 (516254)

Ana lyte	CAS No.	Results (mg/L)	Rep. Limit (mg/L)	Dilution (factor)
Gasoline	N/A	ND	0.050	1.0
Diesel	N/A	0.12	0.050	1.0
Motor Oil (C22-C32)	N/A	0.33	0.050	1.0

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified

Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova Project No.: 01.0602875.001.001

11101 White Rock Rd.

Rancho Cordova, CA 95670

Project: Amresco

Date Sampled: 05/08/97 Date Received: 05/09/97 Date Extracted: 05/09/97 Date Analyzed: 05/12/97 Date Reported: 05/13/97

Client ID No.: SB-10 (516255)

Contact: K. Hoofard

Phone: (916)638-3696

Lab Contact: Ray Oslowski

Lab ID No.: N7498-11A

Job No.: 807498

COC Log No.: 28551 Batch No.: 51050

Instrument ID: PGC06

Analyst ID: SEPIDEHS
Matrix: WATER

____ SB-10 (516255) _____

Analyte	CAS No.	Results (mg/L)	Rep. Limit (mg/L)	Dilution (factor)
Gasoline	N/A	ND	0.050	1.0
Diesel	N/A	0.097	0.050	1.0
Motor Oil (CZZ-C32)	N/A	0.48	0.050	1.0

CHROMALAB, INC.

Environmental Services (SDB)

May 14, 1997

Submission #: 9705162

Atten: MCLAREN-HART, Keith Hoofard

Project: VALENT DUBLIN

Received: May 12, 1997

Project#: 01.0602875.001.001

re: One sample for TEPH analysis.

Method: EPA 8015M

Client Sample ID: MW-1

Spl#: 131583

Sampled: April 8, 1997

Matrix: WATER

Extracted: April 9, 1997

Run#: 6195 Analyzed: April 10, 1997

RESULT

LIMIT (ug/L)

REPORTING

BLANK RESULT SPIKE

BLANK DILUTION FACTOR

(ug/L)N.D.

500

(uq/L)

(%)

MOTOR OIL

Bruce Havlik

Chemist

Semivolatiles Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

May 14, 1997

Submission #: 9705162

Atten: MCLAREN-HART, Keith Hoofard

Project: VALENT DUBLIN

Received: May 12, 1997

Project#: 01.0602875.001.001

re: One sample for TEPH analysis.

Method: EPA 8015M

Client Sample ID: MW-2

Spl#: 131584

Sampled: April 8, 1997

Matrix: WATER Run#: 6195

Extracted: April 9, 1997

Analyzed: April 10, 1997

REPORTING BLANK BLANK DILUTION RESULT LIMIT RESULT SPIKE FACTOR (ug/L) N.D. (ug/L) 500 (ug/L) MOTOR OIL

Bruce Havlik Chemist

Alex Tam

Semivolatiles Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

May 14, 1997

Submission #: 9705162

Atten: MCLAREN-HART, Keith Hoofard

Project: VALENT DUBLIN

Received: May 12, 1997

Project#:

01.0602875.001.001

re: One sample for TEPH analysis.

Method: EPA 8015M

Client Sample ID: MW-3

Sp1#: 131585

Sampled: April 8, 1997

Matrix: WATER

Extracted: April 9, 1997

Run#: 6195 Analyzed: April 10, 1997

REPORTING BLANK BLANK DILUTION
RESULT LIMIT RESULT SPIKE FACTOR
ANALYTE (uq/L) (uq/L) (ty/L) (ty/L)
MOTOR OIL N.D. 500 N.D. -- 1

Bruce Havlik Chemist

Alex Tam

Semivolatiles Supervisor