



HARTCROWSER

353 Sacramento Street, Suite 1140
San Francisco, California 94111
FAX 415.391.2216
415.391.1885

Earth and Environmental Technologies

October 8, 1993

Mr. Raymond Elliott
PACCAR Automotive, Inc.
7200 Edgewater Drive
Oakland, California 94621

Reference: Quarterly Status Report
Grand Auto Facility
4240 East 14th Street
Oakland, California I-6077

Dear Mr. Elliott:

Hart Crowser, Inc. has prepared this Quarterly Status Report on behalf of PACCAR Automotive, Inc. for the above-referenced site. The following sections present summaries of environmental activities completed at the site prior to July 1993 (Previous Site Activities), during the period of July 1, 1993 to September 30, 1993 (Current Activities) and the activities planned for the next quarter, October to December 1993 (Proposed Activities).

PREVIOUS SITE ACTIVITIES

The Grand Auto retail facility is located on an approximate 1.2 acre site. The site is currently used as an auto service and retail merchandise facility. The site was previously used for retail gasoline sales, with underground fuel storage tanks and a car wash with an associated drainage sump. The underground fuel tanks were removed in 1986. In July 1992, Hart Crowser drilled two borings (B-4 and B-5) in the vicinity of the former location of the underground fuel storage tanks (Figure 1).

The car wash sump was removed on August 7, 1992. A soil sample (S2C) was collected from beneath the sump at a depth of 8.5 feet below ground surface (BGS) (Figure 1). Analytical results indicated the presence of petroleum hydrocarbons, halogenated hydrocarbons, and some metals in the soil beneath the sump. **A groundwater monitoring well (MW-1) was installed within ten feet southwest of the sump,** which, according to regional information, is the downgradient direction. Despite some slightly wet conditions encountered at eight feet BGS, free groundwater was not encountered until approximately 36 feet BGS. There appears to be a discontinuous perching layer at the site at approximately 8 feet BGS. The monitoring well was sampled again on January 19, 1993.

During April 1993, we drilled five soil borings (B-8 to B-12) and converted three of them to groundwater monitoring wells (MW-2, MW-3, MW-4). Hart Crowser also installed a groundwater monitoring well (HC-1) at the neighboring former Super Tire facility. We have included the results from this well as part of the assessment for the Grand Auto site. The wells were developed and then sampled in April 1993. The results of this phase of the assessment were summarized in a report, "Supplemental Site Investigation", June 18, 1993.

CURRENT ACTIVITIES

On August 4, 1993, Hart Crowser measured groundwater elevations in, and collected groundwater samples from, all four groundwater monitoring wells onsite (MW-1, MW-2, MW-3, and MW-4) and from the well at the former Super Tire store (HC-1). Approximately three to four well volumes of water were purged from each monitoring well before the sample was collected. Field parameters including pH, conductivity and temperature were recorded to verify stabilization prior to sampling. Pre-cleaned disposable bailers (single-use) were used to obtain samples from each well. All sampling equipment was decontaminated before use and between wells to minimize the potential for cross-contamination.

Groundwater samples were contained in hydrochloric acid preserved, laboratory cleaned, 40 milliliter glass vials with Teflon lined septa. After labeling, they were promptly stored in a cold ice chest. Strict chain-of-custody procedures were followed throughout sample acquisition, storage, and transport.

Samples were submitted to Superior Precision Analytical, Inc. for analysis of TPH with benzene, toluene, ethylbenzene, and xylene (BTEX) distinction by EPA Methods 5030/8015/8020, halogenated volatile organics by EPA Methods 5030/8010, and total chromium by EPA Method 6010. The laboratory results are summarized in Table 1. Certified Analytical Reports and a copy of the Chain-of-Custody record can be found in Appendix A.

An historic record of TPH and BTEX concentrations for individual wells is presented in Table 2. The analytical results from this sampling were generally consistent with previous results. TPH was detected in all wells, where previously it was detected only in MW-1 and MW-2. However, the laboratory reported that the chromatograph for these samples did not match a typical gasoline pattern. These reported values are probably due to interference from the halogenated compounds also detected in groundwater samples from these wells. Support for this hypothesis is provided in the non-detected to very minor concentrations of BTEX compounds reported for these TPH samples.

The concentrations of halogenated compounds were relatively the same as measured during the previous round of sampling in April 1993. Several of the detected compounds were not, however, detected in August 1993, namely freon, chloroform, trichloroethane, and dichloroethane.

Groundwater elevations measured on August 4, 1993 are presented in Table 3. The groundwater elevations for each well are shown on Figure 2 for this date. The measured groundwater elevations in all the wells was less than one foot higher than in April 1993. The groundwater gradient is again relatively flat, however there does appear to be a slight southwesterly flow direction.

PROPOSED ACTIVITIES

Future activities proposed for the site include the continuation of quarterly groundwater monitoring. We will also be evaluating the possible presence of fuel conveyance piping associated with the former underground fuel storage tanks. If found, they will be removed and samples will be collected in accordance with the Tri-Valley Regional Board Recommendations.



If you have any questions regarding work at this site, please contact our office at your earliest convenience.

Sincerely,

HART CROWSER, INC.

Eric Schniewind
Project Hydrogeologist

Dharme Rathnayake, P.E.
Technical Manager

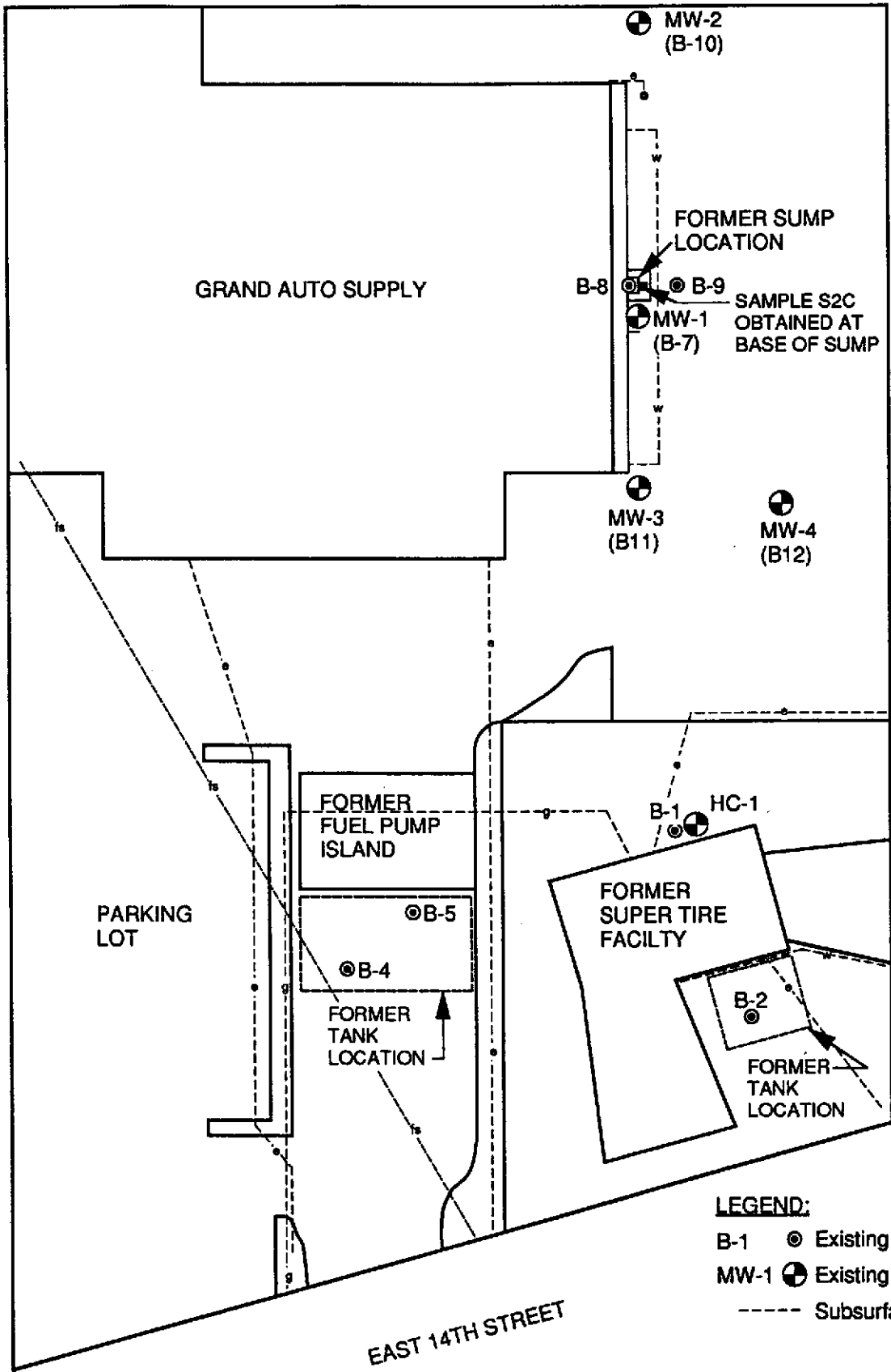
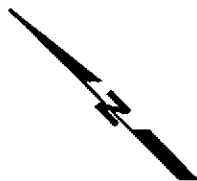
ETS/DR:pr

Attachments:

- Figure 1 - Site Plan
- Figure 2 - Groundwater Elevation Map 8/4/93
- Table 1 - Results of Lab. Analysis of GW Samples
- Table 2 - Historical GW Quality Data
- Table 3 - Monitoring Well Data
- Appendix A - Certified Analytical Reports

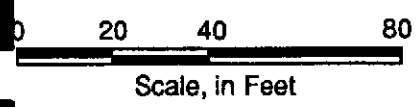
cc Ms. Lisa Robbins, PACCAR, Inc.
Mr. Paul Smith, Alameda County Health Department
Mr. Richard Hiatt, Regional Water Quality Control Board

FIGURES



LEGEND:

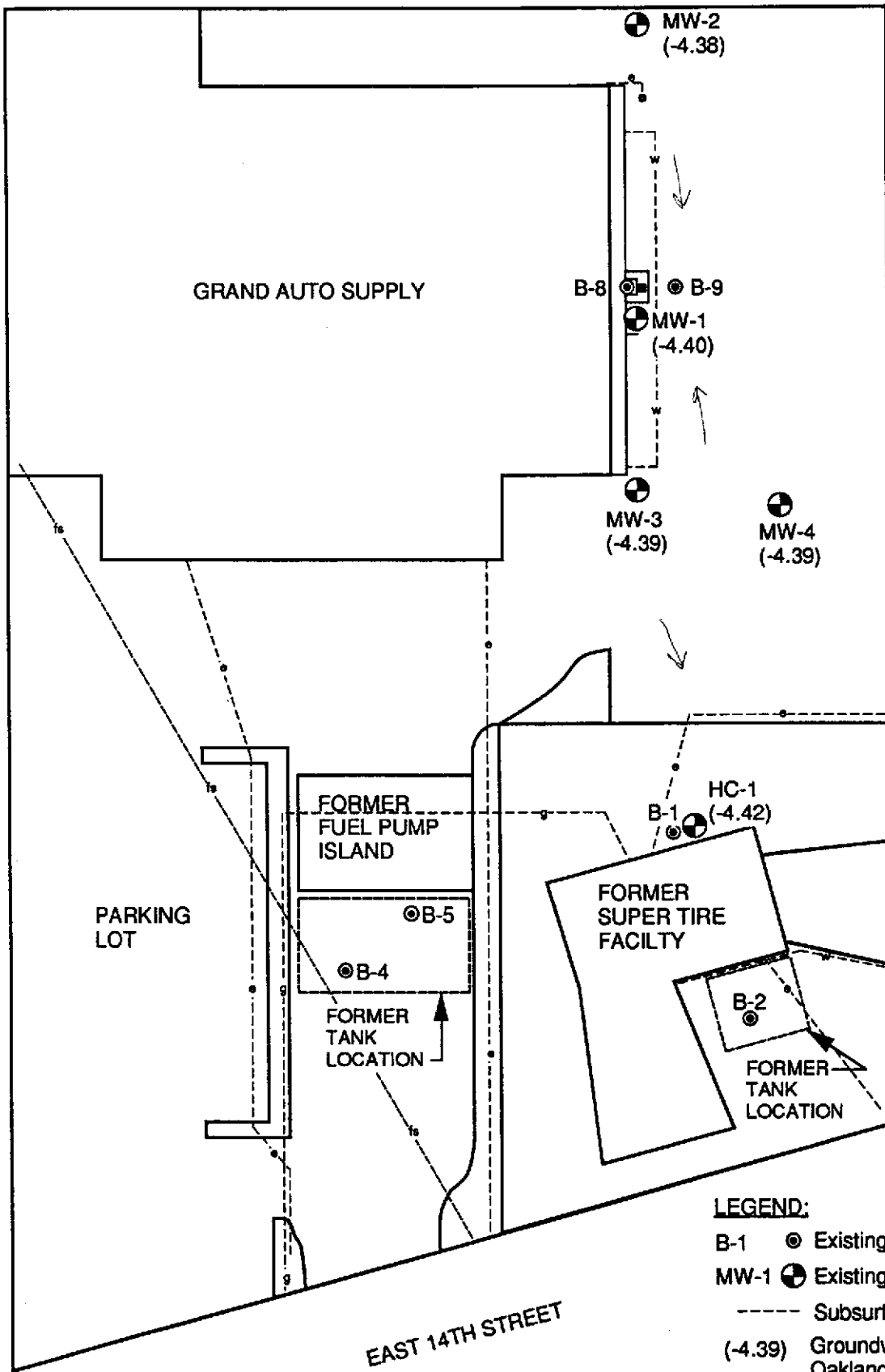
- B-1 ● Existing boring location
- MW-1 ● Existing well location
- Subsurface utility lines



SITE PLAN
GRAND AUTO RETAIL FACILITY
EAST 14TH & HIGH STREETS
OAKLAND, CALIFORNIA

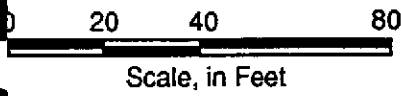
HARTCROWSER
 J-6077 10/93
 Figure 1

and/paccor cshland site v.1



LEGEND:

- B-1 ● Existing boring location
- MW-1 ⊕ Existing well location
- Subsurface utility lines
- (-4.39) Groundwater elevation in feet Oakland City Datum, on August 4, 1993.



GROUNDWATER ELEVATIONS
 SUPER TIRE FACILITY
 4256 EAST 14 TH STREET
 OAKLAND, CALIFORNIA

HARTCROWSER
 J-6077 10/93
 Figure 2

TABLES

TABLE 1

Summary of Groundwater Sample Results
 Grand Auto Facility
 Oakland, California
 (in µg/L)

<u>Analyte</u>	<u>Method</u>	<u>MW-1</u>	<u>MW-2</u>	<u>MW-3</u>	<u>MW-4</u>	<u>HC-1</u>
TPH as Gasoline	8015 mod	150*	120*	170*	110*	100*
Benzene	8020	ND 0.3	ND 0.3	0.3	ND 0.3	ND 0.3
Toluene	8020	0.3	0.3	0.4	0.4	ND 0.3
Ethyl Benzene	8020	ND 0.3	ND 0.3	ND 0.3	ND 0.3	ND 0.3
Xylenes	8020	ND 0.9	ND 0.9	ND 0.9	ND 0.9	ND 0.9
Chlorinated VOC's	8010					
cis 1,2 - Dichloroethene		10	22	ND 5	ND 5	15
Trichloroethene		23	110	28	16	27
Tetrachloroethene		290	7.2	170	110	83
Metals						
Chromium	6010	ND 50	ND 50	ND 50	ND 50	ND 50

Superficial Well

Note: * - does not match typical gasoline pattern. ND X - Denotes chemical not detected at a level of X.

TABLE 2
 HISTORICAL GROUNDWATER QUALITY DATA
 GRAND AUTO FACILITY
 OAKLAND, CALIFORNIA

WELL	DATE	TPH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	XYLENES (ug/L)	DCE (ug/L)	TCE (ug/L)	PCE (ug/L)	CHROMIUM (ug/L)
MW-1	9/10/92	150*	ND 0.3	ND 0.3	ND 0.3	ND 0.3	11	26	310	NA
	1/19/93	160	ND 1	ND 3	ND 3	ND 3	14	28	220	ND 50
	4/26/93	57*	ND 0.3	ND 0.3	ND 0.3	ND 0.9	8.7	22	300	ND 50
	8/4/93	150*	ND 0.3	0.3	ND 0.3	ND 0.9	10	23	290	ND 50
MW-2	4/26/93	70	0.8	1.1	ND 0.3	1.0	8.5	32	7.5	ND 50
	8/4/93	120*	ND 0.3	0.3	ND 0.3	ND 0.9	22	110	7.2	ND 50
MW-3	4/26/93	ND 50	ND 0.3	ND 0.3	ND 0.3	ND 0.9	9.7	21	79	170
	8/4/93	170*	0.3	0.4	ND 0.3	ND 0.9	ND 5	28	170	ND 50
MW-4	4/26/93	ND 50	ND 0.3	ND 0.3	ND 0.3	ND 0.9	3.9	17	78	60
	8/4/93	110*	ND 0.3	0.4	ND 0.3	ND 0.9	ND 5	16	110	ND 50
HC-1	4/26/93	ND 50	ND 0.3	ND 0.3	ND 0.3	ND 0.9	13	22	46	ND 50
	8/4/93	100*	ND 0.3	ND 0.3	ND 0.3	ND 0.9	15	27	83	ND 50

Notes: ND X - Not detected at detection limit X.
 NA - not analyzed
 * - does not match typical gasoline pattern

Table 3
Monitoring Well Data
 2400 Jefferson Street
 Napa, California

WELL	TOTAL DEPTH (feet BGS)	SCREENED INTERVAL (feet BGS)	SURFACE ELEVATION (feet above msl)	TOP OF CASING ELEVATION (feet above msl)	DEPTH TO GROUNDWATER (feet BGS)	GROUNDWATER ELEVATION (feet above msl)
MW-1	43	33-43	30.8	30.53	34.93	-4.4
MW-2	45	31-45	30.7	30.41	34.79	-4.38
MW-3	45	30-45	30.7	30.31	34.7	-4.39
MW-4	45	30-45	29.5	29.08	33.47	-4.39
HC-1	42	30-42	28.7	28.33	32.75	-4.42

Notes:

1. See Figure 1 for well locations.
2. BGS = below ground surface.
3. MSL = mean seal level
4. Depth to groundwater measured from top of casing in feet on August 4, 1993.

APPENDIX A
Certified Analytical Reports

RECEIVED AUG 20 1993



Superior Precision Analytical, Inc.

1555 Burke, Unit I ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

HARTCROWSER Inc
Attn: Eric Schniewind

Project J6077
Reported 08/09/93

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed Matrix
56886- 1	MW-1	08/04/93	08/07/93 Water
56886- 2	MW-2	08/04/93	08/07/93 Water
56886- 3	MW-3	08/04/93	08/07/93 Water
56886- 4	MW-4	08/04/93	08/07/93 Water
56886- 5	HC-1	08/04/93	08/07/93 Water

RESULTS OF ANALYSIS

Laboratory Number: 56886- 1 56886- 2 56886- 3 56886- 4 56886- 5

	150*	120*	170*	110*	100*
Gasoline:					
Benzene:	ND<0.3	ND<0.3	0.3	ND<0.3	ND<0.3
Toluene:	0.3	0.3	0.4	0.4	ND<0.3
Ethyl Benzene:	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<0.3
Xylenes:	ND<0.9	ND<0.9	ND<0.9	ND<0.9	ND<0.9
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L

Does not match typical gasoline pattern.

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Superior Precision Analytical, Inc.

1555 Burke, Unit I • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

C E R T I F I C A T E O F A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

Page 2 of 2
QA/QC INFORMATION
SET: 56886

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
ug/L = parts per billion (ppb)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Water: 5000ug/L

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Water: 50ug/L

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Water: 50ug/L

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Water: 0.3ug/L

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	87/90	3%	75-125
Benzene:	85/81	5%	75-125
Toluene:	91/85	7%	75-125
Ethyl Benzene:	106/99	7%	75-125
Xylenes:	109/102	7%	75-125

Cecilia J. Jaeger
Senior Chemist
Account Manager



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

HARTCROWSER Inc.
Attn: Eric Schniewind

Project J6077
Reported 11-August-1993

ANALYSIS OF CHROMIUM
by SW-846 METHOD 6010

Chronology

Laboratory Number 56886

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
MW-1	08/04/93	08/04/93	08/06/93	08/06/93		1
MW-2	08/04/93	08/04/93	08/06/93	08/06/93		2
MW-3	08/04/93	08/04/93	08/06/93	08/06/93		3
MW-4	08/04/93	08/04/93	08/06/93	08/06/93		4
HC-1	08/04/93	08/04/93	08/06/93	08/06/93		5

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Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

HARTCROWSER Inc.
Attn: Eric Schniewind

Project J6077
Reported 11-August-1993

Laboratory Number	Sample Identification	Matrix
56886- 1	MW-1	Water
56886- 2	MW-2	Water
56886- 3	MW-3	Water
56886- 4	MW-4	Water
56886- 5	HC-1	Water

RESULTS OF ANALYSIS

Laboratory Number:	56886- 1	56886- 2	56886- 3	56886- 4	56886- 5
TOTAL CHROMIUM:	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Concentration:	mg/L	mg/L	mg/L	mg/L	mg/L

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Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

Quality Assurance and Control Data - Water

Laboratory Number 56886

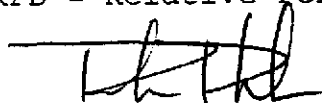
Compound	Method Blank (mg/L)	PQL (mg/L)	Average Spike Recovery (%)	Limits (%)	RPD (%)
TOTAL CHROMIUM:	ND<0.05	0.05	96%	75-125	1%

Definitions:

ND = Not Detected
PQL = Practical Quantitation Limit

RPD = Relative Percent Difference

QC File No. 56886

 8/12/93

Senior Analyst

HART CROWSER

RECEIVED AUG 2 0 1993 52826

Chain of Custody and Analysis Request

page ___ of ___

Section I

From: Superior Precision Analytical, Inc.
1555 Burke St. Unit I
San Francisco, CA 92124

Phone No. (415) 647-2081 Fax No. (415) 821-7123

Contact: ERIC SCHWEIND

P.O. No. 56077

Turn Around Time
(circle one)

Same Day 72 Hrs
 24 Hrs 5 Day
 48 Hrs 10 Day



Superior Precision Analytical, Inc.

P.O. Box 1545
 Martinez, California 94553

Work Subcontracted to: _____

Section II: Analysis Request

Laboratory Sample Identification	S = Soil A = Air W = Water Matrix	CAM17	Metals: <u>Chromium (Pb/Cd)</u>	418.1	8270	8080 (pest. and PCB's)	TAP-GA BTEX 8010	Client Sample Identification	Number of Containers	Preservative (yes or no)	Sampling Remarks	
											<input type="checkbox"/> Chevron	<input checked="" type="checkbox"/> Non-Chevron
1 MW-1	H ₂ O		X				X		5	4		
2 MW-2	↓		X				X		5	1		NORMAL TAT
3 MW-3	↓		X				X		5	↓		
4 MW-4	↓		X				X		5	↓		
5 Hc-1	↓		X				X		5	↓		
6												
7												
8												
9												
10												
11												
12												

**** Please Fax Results ****

Relinquished by [Signature]
 Organization HART CROWSER

Relinquished by _____
 Organization _____

Relinquished by _____
 Organization _____

Date/Time 8/4/93 1415 Received by _____ Date/Time _____
 Organization _____ Organization _____

Date/Time _____ Received by _____ Date/Time _____
 Organization _____ Organization _____

Date/Time _____ Received by f. ferner Date/Time 8/4/93 1420
 Organization Hygenic St Organization _____

Lab please initial the following:

Samples Stored in Ice [Signature]

Appropriate Containers [Signature]

Samples Preserved [Signature]

VOAs without Headspace [Signature]

Comments _____



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

HARTCROWSER Inc.
Attn: Eric Schniewind

Project J6077
Reported 12-August-1993

HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010.

Chronology

Laboratory Number 56886

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
MW-1	08/04/93	08/04/93	/ /	08/09/93		1
MW-2	08/04/93	08/04/93	/ /	08/12/93		2
MW-3	08/04/93	08/04/93	/ /	08/09/93		3
MW-4	08/04/93	08/04/93	/ /	08/10/93		4
HC-1	08/04/93	08/04/93	/ /	08/10/93		5

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Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

HARTCROWSER Inc.
Attn: Eric Schniewind

Project J6077
Reported 12-August-1993

HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010.

Laboratory Number	Sample Identification	Matrix
56886- 1	MW-1	Water
56886- 2	MW-2	Water
56886- 3	MW-3	Water
56886- 4	MW-4	Water
56886- 5	HC-1	Water

RESULTS OF ANALYSIS

Laboratory Number:	56886- 1	56886- 2	56886- 3	56886- 4	56886- 5
Chloromethane/Vinyl Ch:	ND<10	ND<2.4	ND<10	ND<10	ND<1
Bromomethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Chloroethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Trichlorofluoromethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,1-Dichloroethene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Dichloromethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
t-1,2-Dichloroethene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,1-Dichloroethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
c-1,2-Dichloroethene:	10	22	ND<5	ND<5	15
Chloroform:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,1,1-Trichloroethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Carbon tetrachloride:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,2-Dichloroethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Trichloroethene:	23	110	28	16	27
c-1,3-Dichloropropene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,2-Dichloropropane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
t-1,3-Dichloropropene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Bromodichloromethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,1,2-Trichloroethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Tetrachloroethene:	290	7.2	170	110	83
Dibromochloromethane:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Chlorobenzene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Bromoform:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,1,2,2-Tetrachloroeth:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,3-Dichlorobenzene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,2-Dichlorobenzene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
1,4-Dichlorobenzene:	ND<5	ND<1.2	ND<5	ND<5	ND<0.5
Concentration:	ug/L	ug/L	ug/L	ug/L	ug/L



Superior Precision Analytical, Inc.

825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

HALOGENATED VOLATILE ORGANICS by EPA SW-846 Methods 5030/8010. Quality Assurance and Control Data - Water

Laboratory Number 56886

Compound	Method Blank (ug/L)	PQL (ug/L)	Average Spike Recovery (%)	Limits (%)	RPD (%)
Chloromethane/Vinyl Ch:	ND<1	1			
Bromomethane:	ND<0.5	0.5			
Chloroethane:	ND<0.5	0.5			
Trichlorofluoromethane:	ND<0.5	0.5			
1,1-Dichloroethene:	ND<0.5	0.5	98%	75-125	16%
Dichloromethane:	ND<0.5	0.5			
t-1,2-Dichloroethene:	ND<0.5	0.5			
1,1-Dichloroethane:	ND<0.5	0.5			
c-1,2-Dichloroethene:	ND<0.5	0.5			
Chloroform:	ND<0.5	0.5			
1,1,1-Trichloroethane:	ND<0.5	0.5			
Carbon tetrachloride:	ND<0.5	0.5			
1,2-Dichloroethane:	ND<0.5	0.5			
Trichloroethene:	ND<0.5	0.5	98%	75-125	10%
c-1,3-Dichloropropene:	ND<0.5	0.5			
1,2-Dichloropropane:	ND<0.5	0.5			
t-1,3-Dichloropropene:	ND<0.5	0.5			
Bromodichloromethane:	ND<0.5	0.5			
1,1,2-Trichloroethane:	ND<0.5	0.5			
Tetrachloroethene:	ND<0.5	0.5			
Dibromochloromethane:	ND<0.5	0.5			
Chlorobenzene:	ND<0.5	0.5	111%	75-125	11%
Bromoform:	ND<0.5	0.5			
1,1,2,2-Tetrachloroeth:	ND<0.5	0.5			
1,3-Dichlorobenzene:	ND<0.5	0.5			
1,2-Dichlorobenzene:	ND<0.5	0.5			
1,4-Dichlorobenzene:	ND<0.5	0.5			
Definitions:					

ND = Not Detected
PQL = Practical Quantitation Limit

RPD = Relative Percent Difference

QC File No. 56886

8/18/93
Senior Analyst

Chain of Custody and Analysis Request

Section I

From: Superior Precision Analytical, Inc.
1555 Burke St. Unit I
San Francisco, CA 92124
 Phone No. (415) 647-2081 Fax No. (415) 821-7123
 Contact: ROXENA ROMERO
 P.O. No. 56886

Turn Around Time
 (circle one)
 Same Day 72 Hrs
 24 Hrs 5 Day
 48 Hrs 10 Day



Superior Precision Analytical, Inc.
 P.O. Box 1545
 Martinez, California 94553

Work Subcontracted to: MTZ

Section II: Analysis Request

Laboratory Sample Identification	S = Soil A = Air W = Water Matrix	CAM17	Metals: Total Ch/Bromine	418.1	8270	8080 (pest. and PCB's)	8010	Client Sample Identification	Number of Containers	Preservative (yes or no)	Sampling Remarks	
											<input type="checkbox"/> Chevron	<input checked="" type="checkbox"/> Non-Chevron
1 56886-1	W		X				X	mw-1	3	Y	** Please Fax Results ** Superior SF1 SS 40C	
2 -2	↓		X				X	mw-2	3			
3 -3	↓		X				X	mw-3	3			
4 -4	↓		X				X	mw-4	3			
5 -5	↓		X				X	HC-1	3	↓		
6											Lab please initial the following: Samples Stored in Ice _____ Appropriate Containers _____ Samples Preserved _____ VOAs without Headspace _____ Comments _____	
7												
8												
9												
10												
11												
12												

Relinquished by R. Romero Date/Time 3/4/73 1435 Organization Superior SF
 Received by Dejette Date/Time 3/4/73 5:30 Organization _____
 Relinquished by _____ Date/Time _____ Organization _____
 Received by _____ Date/Time _____ Organization _____
 Relinquished by _____ Date/Time _____ Organization _____
 Received by _____ Date/Time _____ Organization _____

Lab please initial the following:
 Samples Stored in Ice _____
 Appropriate Containers _____
 Samples Preserved _____
 VOAs without Headspace _____
 Comments _____

HART CROUSER

Chain of Custody and Analysis Request

Section I

From: Superior Precision Analytical, Inc.
1555 Burke St. Unit I
San Francisco, CA 92124

Phone No. (415) 647-2081 Fax No. (415) 821-7123

Contact: ERIC SCHNEWIND

P.D. No. 56077

Turn Around Time
(circle one)

Same Day 72 Hrs
 24 Hrs 5 Day
 48 Hrs 10 Day



Superior Precision Analytical, Inc.

P.O. Box 1545
 Martinez, California 94553

Work Subcontracted to: _____

Section II: Analysis Request

Laboratory Sample Identification	S = Soil A = Air W = Water Matrix	CAM17	Metals: Chromium (Pb/Cd)	418.1	8270	8080 (pest. and PCB's)	TPH-GA BTEX	8010	Client Sample Identification	Number of Containers	Preservative (yes or no)	Sampling Remarks	
												<input type="checkbox"/> Chevron	<input checked="" type="checkbox"/> Non-Chevron
1 MW-1	H ₂ O		X				X	X		5	Y	NORMAL TAT	** Please Fax Results **
2 MW-2			X				X	X		5			
3 MW-3			X				X	X		5			
4 MW-4			X				X	X		5			
5 HC-1			X				X	X		5			
6													
7													
8													
9													
10													
11													
12													

Relinquished by <u>HART CROUSER</u>	Date/Time <u>8/14/93 1415</u>	Received by _____	Date/Time _____	Lab please initial the following: Samples Stored in Ice <u>PP</u> Appropriate Containers _____ Samples Preserved _____ VOAs without Headspace _____ Comments _____
Relinquished by _____	Date/Time _____	Received by _____	Date/Time _____	
Relinquished by _____	Date/Time _____	Received by <u>F. Romero</u>	Date/Time <u>8/14/93 1420</u>	