



HARTCROWSER

Earth and Environmental Technologies

ENVIRONMENTAL
PROTECTION

95 APR 20 PM 2:35

Hart Crowser, Inc.
353 Sacramento Street, Suite 1140
San Francisco, California 94111-3624
Fax 415.391.2216
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April 18, 1995

Ms. Madhula Logan
Hazardous Materials Division
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502

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

Dear Ms. Logan:

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 October 1994 (Previous Site Activities), during the period of October 1994 to March 1995 (Current Activities) and the activities planned for the next quarter, April 1995 to June 1995 (Proposed Activities).

PREVIOUS SITE ACTIVITIES

The Grand Auto retail facility is located on an approximately 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 performed a site investigation as outlined in "Sampling and Analysis Plan, Grand Auto/Super Tire Facilities," July 6, 1992. The investigation included drilling two borings (B-4 and B-5) in the vicinity of the former location of the underground fuel storage tanks (Figure 1). Analytical results of soil samples from these borings did not show significant petroleum hydrocarbon concentrations.





The car wash drainage 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 perched zone of groundwater at the site at approximately 8 feet BGS. The results of this phase of the investigation were summarized in the report, "Preliminary Site Investigation Report," dated November 20, 1992.

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 an off-site groundwater monitoring well (HC-1) at the adjacent 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.

During October 1993, fuel conveyance piping associated with the former underground fuel storage tanks was excavated and removed from the site. Verification soil samples were taken from the base of the excavation at the four locations shown on Figure 1. Each sample was analyzed for TPH as gasoline with BTEX distinction, and all samples reported non-detectable concentrations of all compounds.

CURRENT ACTIVITIES

On January 31, 1995, Hart Crowser measured groundwater elevations in, and collected groundwater samples from, the four groundwater monitoring wells onsite (MW-1, MW-2, MW-3, and MW-4) and from the offsite well (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 laboratory cleaned, 40 milliliter glass vials with Teflon lined septa and preserved with hydrochloric acid. After labeling, the samples 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 Sequoia Analytical, Inc. for analysis of halogenated volatile organics by EPA Method 8010. 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.

Petroleum hydrocarbons as gasoline were not analyzed for during this sampling event due to five previous quarters of sampling that indicated that petroleum hydrocarbons were not present at the site. The five metals (cadmium, chromium, lead, nickel, and zinc) were also dropped from the list of analyses, because five previous rounds of sampling indicated that the metals were not present in the groundwater.

The analytical results from this sampling were generally consistent with previous results. The concentrations of halogenated compounds were relatively similar for wells MW-2, MW-3, MW-4, and HC-1 as compared to the results for the two previous rounds of sampling in June and September 1994. The concentrations of halogenated compounds detected in MW-1 were, on average, less than one-half of the concentrations previously detected in MW-1. Tetrachloroethylene (PCE) continues to be detected in all five monitoring wells, with the highest concentration of 160 $\mu\text{g}/\text{L}$ found in MW-3. Reportable concentrations of trichloroethylene (TCE) and cis-1,2-dichloroethylene (cis-1,2-DCE) were also found in all five monitoring wells, and the highest concentrations of these constituents again were reported in the sample from MW-2.

Groundwater elevations measured on January 31, 1995 are presented in Table 2. The measured groundwater gradient is again relatively flat, and does not appear to exhibit a preferential flow direction.






PROPOSED ACTIVITIES

Future activities proposed for the site include the continuation of quarterly groundwater monitoring for halogenated volatile organics only. The next sampling event is scheduled for April 1995. We are currently formulating a plan to further characterize the distribution of halogenated volatile organic compounds in groundwater.

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

Sincerely,

HART CROWSER, INC.


Eric Schniewind, R.G.
Senior Project Hydrogeologist


Dharme Rathnayake, P.E.
Sr. Technical Manager

ETS/DR:pr

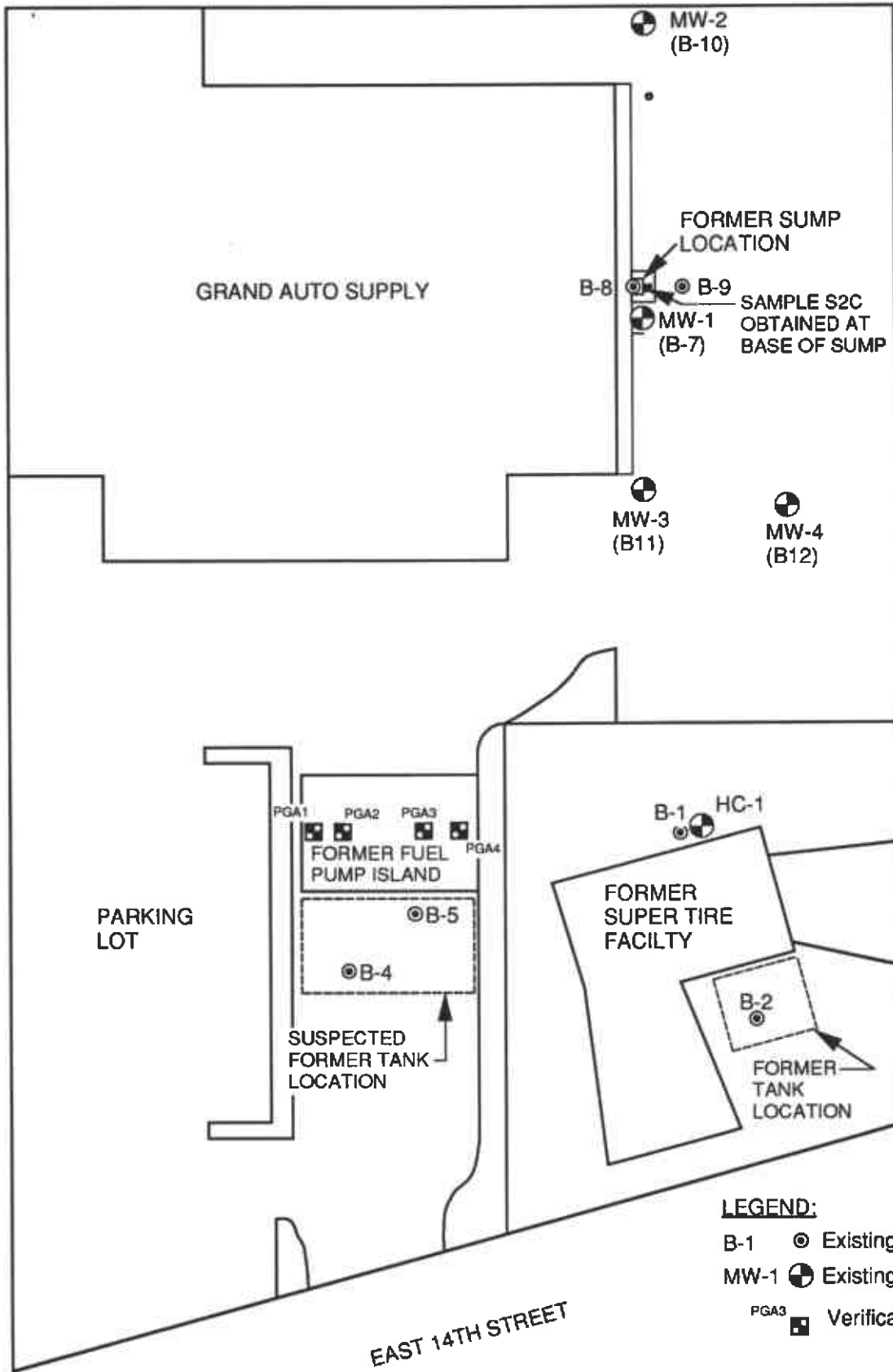
Attachments: Figure 1 - Site Plan

 Table 1 - Historical GW Quality Data - Halogenated Hydrocarbons
 Table 2 - Monitoring Well Data

 Appendix A - Certified Analytical Reports

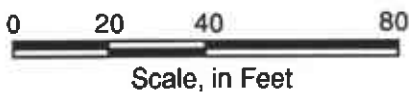
cc: Ms. Lisa Robbins, PACCAR, Inc.
 Mr. Raymond Elliott, PACCAR, Inc.
 Mr. Richard Hiatt, Regional Water Quality Control Board





LEGEND:

- B-1 ● Existing boring location
- MW-1 ⊕ Existing well location
- PGA3 ■ Verification sample location



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

TABLE 1
HISTORICAL GROUNDWATER QUALITY DATA -HALOGENATED HYDROCARBONS
GRAND AUTO, OAKLAND

WELL	DATE	Freon 1,2 (ug/L)	cis-1,2-DCE (ug/L)	Chloroform (ug/L)	1,1,1-TCA (ug/L)	1,2-DCA (ug/L)	TCE (ug/L)	PCE (ug/L)
MW-1	9/10/92	NR	11	1.1	ND 0.5	ND 0.5	26	310
GC/MS	1/19/93	NR	14	ND 3	ND 3	ND 1	28	220
	4/26/93	37	8.7	1	ND 0.5	ND 0.5	22	300
(d)	4/26/93	110	8.7	1.1	0.6	ND 0.5	22	300
	8/4/93	NR	10	ND 5	ND 5	ND 5	23	290
	11/17/93	NR	15	1.8	ND 0.5	ND 0.5	28	230
	2/18/94	NR	12	1	ND 0.5	ND 0.5	25	200
	6/7/94	NR	25	1.6	ND 0.5	ND 0.5	28	200
(d)	6/7/94	NR	22	1.5	ND 0.5	ND 0.5	35	340
	9/20/94	NR	19	ND 5	ND 5	ND 5	37	270
(d)	9/20/94	NR	18	ND 5	ND 5	ND 5	36	270
	1/31/95	NR	9.7	ND1	ND1	ND1	13	54
(d)	1/31/95	NR	9.3	ND1	ND1	ND1	13	54
MW-2	4/26/93	31	8.5	0.9	0.6	0.6	32	7.5
	8/4/93	NR	22	ND 1.2	ND 1.2	ND 1.2	110	7.2
	11/17/93	NR	8.7	ND 0.5	ND 0.5	ND 0.5	32	6.1
	2/18/94	NR	25	ND 0.5	ND 0.5	1.5	75	4.8
	6/7/94	NR	31	ND 0.5	ND 0.5	1.8	120	6.9
	9/20/94	NR	36	ND 5	ND 5	ND 5	130	6
	1/31/95	NR	17	ND1	ND1	ND1	60	3

TABLE 1
HISTORICAL GROUNDWATER QUALITY DATA -HALOGENATED HYDROCARBONS
GRAND AUTO, OAKLAND

WELL	DATE	Freon 1,2 (ug/L)	cis-1,2-DCE (ug/L)	Chloroform (ug/L)	1,1,1-TCA (ug/L)	1,2-DCA (ug/L)	TCE (ug/L)	PCE (ug/L)
MW-3	4/26/93	35	9.7	ND 0.5	0.8	ND 0.5	21	79
	8/4/93	NR	ND 5	ND 5	ND 5	ND 5	28	170
	11/17/93	NR	12	1.3	0.8	ND 0.5	29	170
	2/18/94	NR	5	0.7	ND 0.5	ND 0.5	19	85
	6/7/94	NR	8.3	0.6	0.6	ND 0.5	34	160
	9/20/94	NR	11	ND 5	ND 5	ND 5	37	240
	1/31/95	NR	6.2	ND1	ND1	ND1	34	160
MW-4	4/26/93	28	3.9	0.6	ND 0.5	ND 0.5	17	78
	8/4/93	NR	ND 5	ND 5	ND 5	ND 5	16	110
	11/17/93	NR	6.6	1	ND 0.5	ND 0.5	20	87
	2/18/94	NR	6	1.9	0.7	ND 0.5	31	120
	6/7/94	NR	7.1	0.9	0.9	ND 0.5	28	140
	9/20/94	NR	5	ND 5	ND 5	ND 5	32	220
	1/31/95	NR	4.7	ND1	ND1	ND1	20	140
HC-1	4/26/93	47	13	ND 0.5	ND 0.5	ND 0.5	22	46
	8/4/93	NR	15	ND 0.5	ND 0.5	ND 0.5	27	83
	11/17/93	NR	16	1.1	0.7	ND 0.5	27	130
	2/18/94	NR	13	0.7	ND 0.5	ND 0.5	30	140
(d)	2/18/94	NR	11	0.6	ND 0.5	ND 0.5	22	150
	6/7/94	NR	22	1	ND 0.5	ND 0.5	42	180
	9/20/94	NR	15	ND 5	ND 5	ND 5	37	190
	1/31/95	NR	11	ND1	ND1	ND1	27	120

Notes: ND - Not detected at specified detection limit.

NR - Not reported

GC/MS - denotes that EPA Method 8240 was used, all other results for EPA Method 8010.

(d) - denotes results are for a duplicate sample.

Table 2
Monitoring Well Data
 January 31, 1995
 Grand Auto Supply
 Oakland, 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	30.83	-0.3
MW-2	45	31-45	30.7	30.41	30.71	-0.3
MW-3	45	30-45	30.7	30.31	30.62	-0.31
MW-4	45	30-45	29.5	29.08	29.38	-0.3
HC-1	42	30-42	28.7	28.33	28.65	-0.32

- Notes:
1. See Figure 1 for well locations.
 2. BGS = below ground surface.
 3. MSL = mean seal level



RECEIVED FEB 21 1995

Hart-Crowser 353 Sacramento St, Suite 1140 San Francisco, CA 94111 Attention: Jay Ach	Client Proj. ID: 6077 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: EPA 8010 Lab Number: 9502123-01	Sampled: 01/31/95 Received: 02/01/95 Analyzed: 02/07/95 Reported: 02/15/95
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QC Batch Number: GC020695801015A
Instrument ID: GCHP15

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	2.0	N.D.
Carbon Tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethylvinyl ether	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	9.7
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	54
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	1.0	13
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Surrogates	Control Limits %	% Recovery
1-Chloro-2-fluorobenzene	70 130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vytas Ankaitis
Project Manager





Hart-Crowser 353 Sacramento St, Suite 1140 San Francisco, CA 94111 Attention: Jay Ach	Client Proj. ID: 6077 Sample Descript: MW-1D Matrix: LIQUID Analysis Method: EPA 8010 Lab Number: 9502123-06	Sampled: 01/31/95 Received: 02/01/95 Analyzed: 02/07/95 Reported: 02/15/95
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QC Batch Number: GC020695801015A
Instrument ID: GCHP15

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	2.0	N.D.
Carbon Tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethylvinyl ether	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	9.3
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	54
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	1.0	13
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Surrogates	Control Limits %	% Recovery
1-Chloro-2-fluorobenzene	70 130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vytas Ankaitis
 Project Manager





Hart-Crowser
353 Sacramento St, Suite 1140
San Francisco, CA 94111

Client Proj. ID: 6077
Sample Descript: MW-2
Matrix: LIQUID
Analysis Method: EPA 8010
Lab Number: 9502123-02

Sampled: 01/31/95
Received: 02/01/95

Analyzed: 02/07/95
Reported: 02/15/95

Attention: Jay Ach

QC Batch Number: GC020695801015A
Instrument ID: GCHP15

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	1.0	N.D.
Bromoform	1.0	N.D.
Bromomethane	2.0	N.D.
Carbon Tetrachloride	1.0	N.D.
Chlorobenzene	1.0	N.D.
Chloroethane	2.0	N.D.
2-Chloroethylvinyl ether	2.0	N.D.
Chloroform	1.0	N.D.
Chloromethane	2.0	N.D.
Dibromochloromethane	1.0	N.D.
1,2-Dichlorobenzene	1.0	N.D.
1,3-Dichlorobenzene	1.0	N.D.
1,4-Dichlorobenzene	1.0	N.D.
1,1-Dichloroethane	1.0	N.D.
1,2-Dichloroethane	1.0	N.D.
1,1-Dichloroethene	1.0	N.D.
cis-1,2-Dichloroethene	1.0	17
trans-1,2-Dichloroethene	1.0	N.D.
1,2-Dichloropropane	1.0	N.D.
cis-1,3-Dichloropropene	1.0	N.D.
trans-1,3-Dichloropropene	1.0	N.D.
Methylene chloride	10	N.D.
1,1,2,2-Tetrachloroethane	1.0	N.D.
Tetrachloroethene	1.0	3.0
1,1,1-Trichloroethane	1.0	N.D.
1,1,2-Trichloroethane	1.0	N.D.
Trichloroethene	1.0	60
Trichlorofluoromethane	1.0	N.D.
Vinyl chloride	2.0	N.D.

Surrogates
1-Chloro-2-fluorobenzene

Control Limits %
70 130

% Recovery
86

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vytas Ankaitis
Project Manager





Hart-Crowser 353 Sacramento St, Suite 1140 San Francisco, CA 94111 Attention: Jay Ach	Client Proj. ID: 6077 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: EPA 8010 Lab Number: 9502123-03	Sampled: 01/31/95 Received: 02/01/95 Analyzed: 02/10/95 Reported: 02/15/95
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QC Batch Number: GC021095801009A
Instrument ID: GCHP9

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	2.5	N.D.
Bromoform	2.5	N.D.
Bromomethane	5.0	N.D.
Carbon Tetrachloride	2.5	N.D.
Chlorobenzene	2.5	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	2.5	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	2.5	N.D.
1,2-Dichlorobenzene	2.5	N.D.
1,3-Dichlorobenzene	2.5	N.D.
1,4-Dichlorobenzene	2.5	N.D.
1,1-Dichloroethane	2.5	N.D.
1,2-Dichloroethane	2.5	N.D.
1,1-Dichloroethene	2.5	N.D.
cis-1,2-Dichloroethene	2.5	6.2
trans-1,2-Dichloroethene	2.5	N.D.
1,2-Dichloropropane	2.5	N.D.
cis-1,3-Dichloropropene	2.5	N.D.
trans-1,3-Dichloropropene	2.5	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	2.5	N.D.
Tetrachloroethene	2.5	160
1,1,1-Trichloroethane	2.5	N.D.
1,1,2-Trichloroethane	2.5	N.D.
Trichloroethene	2.5	34
Trichlorofluoromethane	2.5	N.D.
Vinyl chloride	5.0	N.D.

Surrogates	Control Limits %	% Recovery
1-Chloro-2-fluorobenzene	70 130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vytas Ankaftis
Project Manager





Hart-Crowser
353 Sacramento St, Suite 1140
San Francisco, CA 94111

Client Proj. ID: 6077
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8010
Lab Number: 9502123-04

Sampled: 01/31/95
Received: 02/01/95
Analyzed: 02/06/95
Reported: 02/15/95

Attention: Jay Ach

QC Batch Number: GC020695801015A
Instrument ID: GCHP15

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	2.5	N.D.
Bromoform	2.5	N.D.
Bromomethane	5.0	N.D.
Carbon Tetrachloride	2.5	N.D.
Chlorobenzene	2.5	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	2.5	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	2.5	N.D.
1,2-Dichlorobenzene	2.5	N.D.
1,3-Dichlorobenzene	2.5	N.D.
1,4-Dichlorobenzene	2.5	N.D.
1,1-Dichloroethane	2.5	N.D.
1,2-Dichloroethane	2.5	N.D.
1,1-Dichloroethene	2.5	N.D.
cis-1,2-Dichloroethene	2.5	4.7
trans-1,2-Dichloroethene	2.5	N.D.
1,2-Dichloropropane	2.5	N.D.
cis-1,3-Dichloropropene	2.5	N.D.
trans-1,3-Dichloropropene	2.5	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	2.5	N.D.
Tetrachloroethene	2.5	140
1,1,1-Trichloroethane	2.5	N.D.
1,1,2-Trichloroethane	2.5	N.D.
Trichloroethene	2.5	20
Trichlorofluoromethane	2.5	N.D.
Vinyl chloride	5.0	N.D.

Surrogates
1-Chloro-2-fluorobenzene

Control Limits %
70 130

% Recovery
96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210


Vytas Ankaitis
Project Manager





Hart-Crowser 353 Sacramento St, Suite 1140 San Francisco, CA 94111 Attention: Jay Ach	Client Proj. ID: 6077 Sample Descript: HC-1 Matrix: LIQUID Analysis Method: EPA 8010 Lab Number: 9502123-05	Sampled: 01/31/95 Received: 02/01/95 Analyzed: 02/06/95 Reported: 02/15/95
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QC Batch Number: GC020695801015A
Instrument ID: GCHP15

Halogenated Volatile Organics (EPA 8010)

Analyte	Detection Limit ug/L	Sample Results ug/L
Bromodichloromethane	2.5	N.D.
Bromoform	2.5	N.D.
Bromomethane	5.0	N.D.
Carbon Tetrachloride	2.5	N.D.
Chlorobenzene	2.5	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	2.5	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	2.5	N.D.
1,2-Dichlorobenzene	2.5	N.D.
1,3-Dichlorobenzene	2.5	N.D.
1,4-Dichlorobenzene	2.5	N.D.
1,1-Dichloroethane	2.5	N.D.
1,2-Dichloroethane	2.5	N.D.
1,1-Dichloroethene	2.5	N.D.
cis-1,2-Dichloroethene	2.5	11
trans-1,2-Dichloroethene	2.5	N.D.
1,2-Dichloropropane	2.5	N.D.
cis-1,3-Dichloropropene	2.5	N.D.
trans-1,3-Dichloropropene	2.5	N.D.
Methylene chloride	25	N.D.
1,1,2,2-Tetrachloroethane	2.5	N.D.
Tetrachloroethene	2.5	120
1,1,1-Trichloroethane	2.5	N.D.
1,1,2-Trichloroethane	2.5	N.D.
Trichloroethene	2.5	27
Trichlorofluoromethane	2.5	N.D.
Vinyl chloride	5.0	N.D.
Surrogates	Control Limits %	% Recovery
1-Chloro-2-fluorobenzene	70 130	96

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Vytas Arkaitis
Project Manager

