



50-204-0072-0502

June 28, 1993

Juliet Shin
Alameda County Department of
Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, CA 94621

Re: Revised Laboratory Report
Shell Service Station
WIC #204-0072-0502
2160 Otis Drive
Alameda, California
WA Job #81-429-01

Dear Ms. Shin:

We have recently discovered an error in the laboratory report included in the fourth quarter 1990 quarterly monitoring report for the site referenced above. Due to a unit error on the lab report, total petroleum hydrocarbons as gasoline (TPH-G) and benzene results for MW-2 were reported as 190 parts per million (ppm) and 55 ppm, respectively. The correct values are 0.190 ppm TPH-G and 0.055 ppm benzene. We are including the revised laboratory report for your files. Since tables 2A and 2B included in the first quarter 1993 quarterly monitoring reports contained errors, we have also included revised tables for your files.

Also, in response to your March 4, 1993 letter to Dan Kirk of Shell Oil Company, we are not aware of any previous site use or spills that could have introduced VOCs into the subsurface.

Ms. Juliet Shin
June 28, 1993

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Weiss Associates 

Please call me at (510) 450-6108 if you have any questions or comments.

Sincerely,
Weiss Associates



David Elias
Staff Geologist

JCW/DCE/NSM:jw

J:\HC_ENG\SHELL\ALAM-429\429L1JNS.WP

Attachments: A - Revised October 1990 Laboratory Report
B - Revised First Quarter 1993 Tables 2A and 2B

cc: Dan Kirk, Shell Oil Company, P.O. Box 5278, Concord, California 94520-9998
Richard Quarante, Alameda Fire Department, 1300 Park Street, Alameda, California
94501
Richard Hiett, Regional Water Quality Control Board - San Francisco Bay, 2101 Webster
Street, Suite 500, Oakland, California 94612

ATTACHMENT A
REVISED OCTOBER 1990 LABORATORY REPORT

Corrected copy
3/22/93 ADK/le
CFD COPY

CERTIFICATE OF ANALYSIS

Shell Oil Company
Weiss Associates
5500 Shellmound Street
Emeryville, CA 94608
Karen Sixt

Date: 10/29/90

Work Order: T0-10-166

P.O. Number: MOH 880-021 Vendor #I0002402

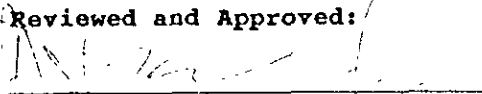
This is the Certificate of Analysis for the following samples:

Client Work ID: 81-429-01, 2160 Otis Dr., Al
Date Received: 10/11/90
Number of Samples: 4
Sample Type: aqueous

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8	T0-10-166-04	100-21

Reviewed and Approved:


Suzanne Veaudry
Project Manager

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories
American Association for Laboratory Accreditation

Company: Shell Oil Company

Date: 10/29/90

Client Work ID: 81-429-01, 2160, Otis Dr., Al

Work Order: T0-10-166

TEST NAME: Halocarbons by 8010/601

SAMPLE ID: 100-MW1

SAMPLE DATE: 10/09/90

LAB SAMPLE ID: T010166-01

SAMPLE MATRIX: aqueous

RECEIPT CONDITION: Cool

EXTRACTION DATE: N/A

ANALYSIS DATE: 10/22/90

RESULTS in Milligrams per Liter

PARAMETER	DETECTION LIMIT	DETECTED
Bromodichloromethane	0.0005	None
Bromoform	0.0005	None
Bromomethane	0.0005	None
Carbon tetrachloride	0.0005	None
Chlorobenzene	0.0005	None
Chloroethane	0.0005	None
Chloroform	0.0005	None
Chloromethane	0.0005	None
Dibromochloromethane	0.0005	None
1,2-Dichlorobenzene	0.0005	None
1,3-Dichlorobenzene	0.0005	None
1,4-Dichlorobenzene	0.0005	None
Dichlorodifluoromethane	0.0005	None
1,1-Dichloroethane	0.0005	None
1,2-Dichloroethane	0.0005	None
1,1-Dichloroethene	0.0005	None
cis-1,2-Dichloroethene	0.0005	None
trans-1,2-Dichloroethene	0.0005	None
1,2-Dichloropropane	0.0005	None
cis-1,3-Dichloropropene	0.0005	None
trans-1,3-Dichloropropene	0.0005	None
Methylene chloride	0.0005	None
1,1,2,2-Tetrachloroethane	0.0005	None
Tetrachloroethene	0.0005	None
1,1,1-Trichloroethane	0.0005	None
1,1,2-Trichloroethane	0.0005	None
Trichloroethene	0.0005	None
Trichlorofluoromethane	0.0005	None
1,1,2-Trichlorotrifluoroethane	0.0005	None
Vinyl chloride	0.0005	None

Company: Shell Oil Company

Date: 10/29/90

Client Work ID: 81-429-01, 2160 Otis Dr., Al

Work Order: T0-10-166

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: 100-MW1

SAMPLE DATE: 10/09/90

LAB SAMPLE ID: T010166-01

SAMPLE MATRIX: aqueous

RECEIPT CONDITION: Cool pH < 2

RESULTS in Milligrams per Liter:

	METHOD	EXTRACTION DATE	ANALYSIS DATE
BTEX	8020		10/18/90
Low Boiling Hydrocarbons	Mod.8015		10/18/90
Oil and Grease	503E	10/18/90	10/19/90

PARAMETER	DETECTION LIMIT	DETECTED
Low Boiling Hydrocarbons calculated as Gasoline	0.05	None
BTEX		
Benzene	0.0005	None
Toluene	0.0005	None
Ethylbenzene	0.0005	None
Xylenes (total)	0.0005	None
Oil and Grease	5.	None

Company: Shell Oil Company

Date: 10/29/90

Client Work ID: 81-429-01, 2160, Otis Dr., Al

Work Order: T0-10-166

TEST NAME: Halocarbons by 8010/601

SAMPLE ID: 100-MW2

SAMPLE DATE: 10/09/90

LAB SAMPLE ID: T010166-02

SAMPLE MATRIX: aqueous

RECEIPT CONDITION: Cool

EXTRACTION DATE: N/A

ANALYSIS DATE: 10/22/90

RESULTS in Milligrams per Liter

PARAMETER	DETECTION LIMIT	DETECTED
Bromodichloromethane	0.0005	None
Bromoform	0.0005	None
Bromomethane	0.0005	None
Carbon tetrachloride	0.0005	None
Chlorobenzene	0.0005	None
Chloroethane	0.0005	None
Chloroform	0.0005	0.015
Chloromethane	0.0005	None
Dibromochloromethane	0.0005	None
1,2-Dichlorobenzene	0.0005	None
1,3-Dichlorobenzene	0.0005	None
1,4-Dichlorobenzene	0.0005	None
Dichlorodifluoromethane	0.0005	None
1,1-Dichloroethane	0.0005	None
1,2-Dichloroethane	0.0005	None
1,1-Dichloroethene	0.0005	None
cis-1,2-Dichloroethene	0.0005	0.046
trans-1,2-Dichloroethene	0.0005	0.0067
1,2-Dichloropropane	0.0005	None
cis-1,3-Dichloropropene	0.0005	None
trans-1,3-Dichloropropene	0.0005	None
Methylene chloride	0.0005	None
1,1,2,2-Tetrachloroethane	0.0005	None
Tetrachloroethene	0.0005	0.0016
1,1,1-Trichloroethane	0.0005	None
1,1,2-Trichloroethane	0.0005	None
Trichloroethene	0.0005	0.0013
Trichlorofluoromethane	0.0005	None
1,1,2-Trichlorotrifluoroethane	0.0005	None
Vinyl chloride	0.0005	0.0025

Company: Shell Oil Company

Date: 10/29/90

Client Work ID: 81-429-01, 2160 Otis Dr., A1

Work Order: T0-10-166

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: 100-MW2

SAMPLE DATE: 10/09/90

LAB SAMPLE ID: T010166-02

SAMPLE MATRIX: aqueous

RECEIPT CONDITION: Cool pH < 2

RESULTS in Milligrams per Liter:

	METHOD	EXTRACTION DATE	ANALYSIS DATE
BTEX	8020		10/18/90
Low Boiling Hydrocarbons	Mod.8015		10/18/90
High Boiling Hydrocarbons	Mod.8015	10/19/90	10/19/90
Oil and Grease	503E	10/18/90	10/19/90

PARAMETER	DETECTION LIMIT	DETECTED
Low Boiling Hydrocarbons calculated as Gasoline	0.05	190. 0.190
BTEX		
Benzene	0.0005	55. 0.055
Toluene	0.0005	None
Ethylbenzene	0.0005	None
Xylenes (total)	0.0005	None
High Boiling Hydrocarbons calculated as Diesel	0.05	0.051 *
Oil and Grease	5.	None

Comments:

* Chromatographic pattern of compounds detected and calculated as diesel is similar to but does not match that of the diesel standard used for calibration.

Corrections by
ADK
Adeline I. Dreesman
3/22/93

Company: Shell Oil Company

Date: 10/29/90

Client Work ID: 81-429-01, 2160, Otis Dr., Al

Work Order: T0-10-166

TEST NAME: Halocarbons by 8010/601

SAMPLE ID: 100-S1

SAMPLE DATE: 10/09/90

LAB SAMPLE ID: T010166-03

SAMPLE MATRIX: aqueous

RECEIPT CONDITION: Cool

EXTRACTION DATE: N/A

ANALYSIS DATE: 10/22/90

RESULTS in Milligrams per Liter

PARAMETER	DETECTION LIMIT	DETECTED
Bromodichloromethane	0.0005	None
Bromoform	0.0005	None
Bromomethane	0.0005	None
Carbon tetrachloride	0.0005	None
Chlorobenzene	0.0005	None
Chloroethane	0.0005	None
Chloroform	0.0005	None
Chloromethane	0.0005	None
Dibromochloromethane	0.0005	None
1,2-Dichlorobenzene	0.0005	None
1,3-Dichlorobenzene	0.0005	None
1,4-Dichlorobenzene	0.0005	None
Dichlorodifluoromethane	0.0005	None
1,1-Dichloroethane	0.0005	None
1,2-Dichloroethane	0.0005	None
1,1-Dichloroethene	0.0005	None
cis-1,2-Dichloroethene	0.0005	None
trans-1,2-Dichloroethene	0.0005	None
1,2-Dichloropropane	0.0005	None
cis-1,3-Dichloropropene	0.0005	None
trans-1,3-Dichloropropene	0.0005	None
Methylene chloride	0.0005	None
1,1,2,2-Tetrachloroethane	0.0005	None
Tetrachloroethene	0.0005	None
1,1,1-Trichloroethane	0.0005	None
1,1,2-Trichloroethane	0.0005	None
Trichloroethene	0.0005	None
Trichlorofluoromethane	0.0005	None
1,1,2-Trichlorotrifluoroethane	0.0005	None
Vinyl chloride	0.0005	None

Company: Shell Oil Company

Date: 10/29/90

Client Work ID: 81-429-01, 2160 Otis Dr., Al

Work Order: T0-10-166

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: 100-S1

SAMPLE DATE: 10/09/90

LAB SAMPLE ID: T010166-03

SAMPLE MATRIX: aqueous

RECEIPT CONDITION: Cool pH < 2

RESULTS in Milligrams per Liter:

	METHOD	EXTRACTION DATE	ANALYSIS DATE
BTEX	8020		10/19/90
Low Boiling Hydrocarbons	Mod.8015		10/19/90
Oil and Grease	503E	10/18/90	10/19/90

PARAMETER	DETECTION LIMIT	DETECTED
Low Boiling Hydrocarbons calculated as Gasoline	0.05	None
BTEX		
Benzene	0.0005	None
Toluene	0.0005	None
Ethylbenzene	0.0005	None
Xylenes (total)	0.0005	None
Oil and Grease	5.	None

Company: Shell Oil Company

Date: 10/29/90

Client Work ID: 81-429-01, 2160, Otis Dr., Al

Work Order: T0-10-166

TEST NAME: Petroleum Hydrocarbons

SAMPLE ID: 100-21

SAMPLE DATE: 10/09/90

LAB SAMPLE ID: T010166-04

SAMPLE MATRIX: aqueous

RECEIPT CONDITION: Cool pH < 2

RESULTS in Milligrams per Liter:

	METHOD	EXTRACTION DATE	ANALYSIS DATE
BTEX	8020		10/18/90
Low Boiling Hydrocarbons	Mod.8015		10/18/90

PARAMETER	DETECTION LIMIT	DETECTED
Low Boiling Hydrocarbons calculated as Gasoline	0.05	None
BTEX		
Benzene	0.0005	None
Toluene	0.0005	None
Ethylbenzene	0.0005	None
Xylenes (total)	0.0005	None

ATTACHMENT B
REVISED FIRST QUARTER 1993 TABLES 2A AND 2B

Table 2A. Analytic Results for Ground Water - Petroleum Hydrocarbons - Shell Service Station WIC #204-0072-0502, 2160 Otis Drive, Alameda, California

Well ID	Date Sampled	Depth to Water (ft)	Analytical Lab	TPH-G	TPH-D	B	E	T	X	TOG
				-----parts per million (mg/L)-----						
S-1 (Annually) (1st Qtr)	09/04/87		IT	---	---	<0.005	<0.005	<0.005	<0.005	---
	09/11/89 ^a	4.29	IT	<0.05	<0.1	<0.0005	<0.001	<0.001	<0.003	<1.0
	04/11/90	4.00	NET	<0.050	<0.050	<0.0005	<0.0005	<0.0005	<0.0005	<10
	07/10/90	4.25	NET	<0.090	---	<0.0005	<0.0005	<0.0005	<0.0005	<10
	10/09/90	4.46	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	<5
	01/17/91	4.53	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	04/09/91	4.20	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	07/10/91	4.42	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	10/09/91	4.87	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	01/24/92	4.90	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	04/23/92	4.66	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	07/01/92	4.85	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	10/02/92	5.80	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	01/05/93	5.38	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	MW-1 (Annually) (1st Qtr)	04/11/90	5.23	NET	<0.050	<0.050	<0.0005	<0.0005	<0.0005	<0.0005
07/10/90		5.40	NET	0.10	---	<0.0005	<0.0005	<0.0005	<0.0005	<10
10/09/90		5.61	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	<5
01/17/91		5.66	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
04/09/91		4.96	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
07/10/91		5.52	IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
10/09/91		5.70	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
01/24/92		5.51	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
04/23/92		5.14	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
07/01/92		4.48	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
10/02/92		4.80	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
01/05/93		5.34	AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
MW-2 (Quarterly)	04/11/90	4.51	NET	0.20 ^b	0.22	0.0027	<0.0005	0.0005	0.0024	<10
	07/10/90	4.61	NET	0.57 ^b	0.45	0.15	<0.0005	0.0009	0.0031	<10
	10/09/90	4.74	IT	0.190 ^b	0.051	0.055	<0.0005	<0.0005	<0.0005	<5
	01/17/91	4.73	IT	0.35 ^b	<0.05	0.051	<0.0005	<0.0005	<0.0005	---
	04/09/91	4.09	IT	---	<0.05	0.021	<0.0005	<0.0005	<0.0005	---
	07/10/91	4.66	IT	0.05 ^b	<0.05	0.0084	<0.0005	<0.0005	<0.0005	---
	10/09/91	4.81	AMX	0.15	---	0.022	<0.0005	<0.0005	<0.0005	---
	01/24/92	4.66	AMX	<0.05	---	0.0048	<0.0005	<0.0005	<0.0005	---
	04/23/92	4.51	AMX	<0.05	---	0.0023	0.0015	<0.0005	<0.0005	---
	07/01/92	4.57	AMX	0.13	---	0.019	<0.0005	<0.0005	<0.0005	---
	10/02/92	4.80	AMX	0.12	---	0.0078	<0.0005	<0.0005	<0.0008	---
	01/05/93	4.39	AMX	0.20	---	0.009	<0.0005	0.0006	0.0018	---
BH-C	12/17/92	5.0		<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	---
BH-D	12/17/92	5.0		<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	---

-- Table 2A continues on next page --



Table 2A. Analytic Results for Ground Water - Petroleum Hydrocarbons - Shell Service Station WIC #204-0072-0502, 2160 Otis Drive, Alameda, California (continued)

Well ID	Date Sampled	Depth to Water (ft)	Analytical Lab	TPH-G	TPH-D	B	E	T	X	TOG
				<-----parts per million (mg/L)----->						
BH-E	12/17/92	5.5		<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	---
Trip	07/10/90		NET	<0.050	---	<0.0005	<0.0005	<0.0005	<0.0005	---
Blank	10/09/90		IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	01/17/91		IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	04/09/91		IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	07/10/91		IT	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	10/09/91		AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	01/24/92		AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	04/23/92		AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	07/01/92		AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	10/02/92		AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
	01/05/93		AMX	<0.05	---	<0.0005	<0.0005	<0.0005	<0.0005	---
DTSC MCLs				NE	NE	0.001	0.680	0.10 ^c	1.75	---

Abbreviations:

TPH-G = Total petroleum hydrocarbons as gasoline by Modified EPA Method 8015
 TPH-D = Total petroleum hydrocarbons as diesel by Modified EPA Method 8015
 B = Benzene by EPA Method 602, 624, 8020, or 8240
 E = Ethylbenzene by EPA Method 602, 624, 8020, or 8240
 T = Toluene by EPA Method 602, 624, 8020, or 8240
 X = Xylenes by EPA Method 602, 624, 8020, or 8240
 POG = Petroleum oil and grease by American Public Health Association Standard Methods 503
 DTSC MCLs = Department of Toxic Substances Control maximum contaminant levels
 <n = Not detected above detection limit of n ppm
 NE = DTSC MCL not established
 BH-C = Grab Ground Water Sample

Notes:

a = 0.090 ppm chromium, 0.090 ppm lead and 0.10 ppm Zn detected; no cadmium detected above detection limit of 0.010 ppm by EPA Method 6010. No semi-volatile organic compounds or PCBs detected by EPA Method 625. DHS MCLs for Cr = 0.05 ppm; Pb = 0.05 ppm; secondary MCL for Zn = 5 ppm.
 b = Chromatographic pattern not typical for gasoline; according to the laboratory, the concentration is due mostly to lighter hydrocarbon compounds.
 c = DTSC recommended action level for drinking water; MCL not established



Table 2B. Analytic Results for Ground Water - Volatile Organic Compounds - Shell Service Station WIC #204-0072-0502, 2160 Otis Drive, Alameda, California

Well ID	Date Sampled	Depth to Water (ft)	TCE	TCA	PCE	Chloroform	cis-1,2-DCE	trans-1,2-DCE	1,2-DCA	Carbon Disulfate	Vinyl Chloride
			-----Parts Per Million (mg/l)-----								
S-1	09/04/87 ^a	---	---	---	---	---	---	---	---	---	---
	09/11/89	4.29	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/11/90	4.00	<0.0004	<0.0004	<0.0004	0.0017	<0.0004	<0.0004	<0.0004	---	<0.0004
	07/10/90	9.25	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	---	<0.002
	10/09/90	4.96	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	---	<0.002
MW-1	04/11/90	5.23	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	---	<0.0004
	07/10/90	5.40	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	---	<0.002
	10/09/90	5.61	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	---	<0.002
MW-2	04/11/90	4.51	0.0012	<0.0004	<0.0004	0.0045	<0.0004	0.016	<0.0004	---	<0.002
	07/10/90	4.61	0.00093	<0.0004	<0.0004	0.0017	<0.0004	0.011	0.00044	---	<0.002
	10/09/90	4.74	0.0013	<0.0005	0.0016	0.015	0.046	0.0067	<0.0005	---	0.0025
	01/17/91 ^b	4.73	0.0012	<0.0005	0.0006	0.0026	0.074	0.012	0.0005	---	0.0030
	04/09/91 ^c	4.09	<0.005	<0.005	<0.005	<0.005	0.064	<0.005	<0.005	<0.0005	<0.010
	07/10/91 ^d	4.66	<0.0005	<0.0005	0.0069	0.043	<0.0005	<0.0005	<0.0005	0.014	<0.010
	10/09/91	4.81	0.0019	<0.001	0.028	0.0074	0.054	0.016	<0.001	---	0.0017
	01/24/92	4.66	0.0025	<0.0005	0.0070	0.0190	0.0160	0.0043	0.0006	---	<0.0005
	04/23/92	4.51	<0.003	<0.003	0.003	<0.003	0.084	0.018	<0.003	---	<0.003
	07/01/92	4.57	0.002	<0.001	0.002	<0.001	0.054	0.014	<0.001	---	0.001
	10/92/92	4.80	0.001	<0.001	<0.001	<0.001	0.061	0.012	<0.001	---	<0.001
	01/05/93	4.39	0.0017	<0.0005	0.0022	<0.0005	0.033	0.0087	<0.0005	---	0.00067
BH-C	12/17/93	5.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	---	0.002
BH-D	12/17/93	5.0	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	---	0.002
BH-E	12/17/93	5.5	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	---	0.002
DTSC MCLs			0.005	0.200	0.005	NE	0.006	0.01	0.0005	NE	0.0005

Abbreviations:

TCE = Trichloroethene by EPA Method 601/8010 or 8240
 TCA = 1,1,1-Trichloroethane by EPA Method 601/8010 or 8240
 PCE = Tetrachloroethene by EPA Method 601/8010 or 8240
 cis-1,2-DCE = cis-1,2-Dichloroethene by EPA Method 601/8010 or 8240
 trans-1,2-DCE = trans-1,2-Dichloroethene by EPA Method 601/8010 or 8240
 --- = Not analyzed
 <0.0004 = Not detected, detection limit not known
 1,2-DCA = 1,2 dichloroethane by EPA Method 601/8010 or 8240

DTSC MCLs = Department of Toxic Substance control maximum contaminant levels

NE = DTSC MCL not established
 ND = Analyte not detected, detection limit not known

Notes:

a = 0.007 ppm unknown alcohol and 0.27 ppm acetone detected
 b = 0.005 ppm chlorobenzene detected
 c = 0.064 ppm 1,2-DCE detected
 d = 0.0092 ppm benzene detected by EPA Method 8240

