Engineers
Planners
Economists
Scientists

March 14, 1991

SFO28830.A1

Mr. Wilbur Sprague
Associated Services
2128 Tice Creek Drive #3
Walnut Creek, CA 94595

Subject: Quarterly monitoring data for Del Monte's Plant 35; West Parcel, removed gasoline tank site at 4204 Hollis Street, Emeryville, California

Dear Wilbur:

The quarterly monitoring data for the removed gasoline tank (monitoring Well MW7), at the Del Monte Plant No. 35; West Parcel in Emeryville, California are summarized in the attached table. The laboratory data sheets are also attached. This data needs to be submitted to the following:

[redacted]
Hazardous Materials Specialist
Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

Mr. Lester Feldman
Regional Water Quality Control Board
San Francisco Region
1800 Harrison, 7th Floor
Oakland, CA 94612

Well MW7 is downgradient from the removed gasoline tank near the proposed Haven Street location. Results of the groundwater monitoring program at Well MW7 show that benzene, ethylbenzene, and total petroleum hydrocarbon as gasoline (TPH-gas) concentrations have decreased since last quarter, while the concentrations of toluene and xylene have increased. According to the water quality goals promulgated by the Regional Water Quality Control Board (RWQCB), ethylbenzene, toluene, and xylene concentrations in Well MW7 are below the California's Primary

Drinking Water Standards, Maximum Contaminant Levels (MCL)(See Table). No MCLs have been established for TPH-gas in groundwater. The concentration of 1.8 µg/l benzene in Well MW-7 exceeds the MCL (1 µg/l benzene).

Based on the January 24, 1990 sampling results, continued groundwater monitoring of Well MW-7 is required until the groundwater quality complies with established regulatory criteria. Site closure will be implemented once continued regulatory compliance of the groundwater quality has been demonstrated.

If you have any questions, please call.

Sincerely,

Jeff Holloway
Project Manager

Enclosures

cc: Ron Thibault/Del Monte
Bill Riker/Del Monte
Liz Dodge/CH2M HILL

p35-1

DEL MONTE PLANT NO. 35
4204 HOLLIS STREET, EMERYVILLE, CA
QUARTERLY GROUNDWATER MONITORING RESULTS
(Removed Gasoline Tank)

Concentration (mg/l)

Monitoring Well	Sampling Date	TPH Gasoline	Benzene	Ethyl-benzene	Toluene	Xylene
MW7	12-May-89	1.000	0.0490	0.0045	0.0016	0.0059
MW7	10-Jul-89	0.500	0.0052	<0.0003	0.0006	0.0056
MW7	24-Oct-89	1.800	0.0081	<0.0003	<0.0003	0.0120
MW7	07-Feb-90	1.300	0.0100	0.0039	0.0010	0.0130
MW7	10-Jul-90	0.210	0.0006	<0.0003	0.0003	0.0010
MW7	17-Oct-90	0.640	0.0020	0.0030	0.0010	0.0014
MW7	24-Jan-91	0.300	0.0018	0.0024	0.0019	0.0053
WATER QUALITY STANDARDS						
	Cancer Risk	--	0.00066	--	--	--
	Primary MCL	--	0.001	0.68	2.0	1.75
	AATC (Freshwater)	--	5.3	32.0	17.0	--

Analytical Report

LOG NO: E91-01-528

Received: 24 JAN 91
Reported: 04 FEB 91

Mr. Jeff Holloway
CH2M Hill
6425 Christie Street, Suite 500
Emeryville, California 94608

Project: SF028830.A1

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
01-528-1	MW-7	24 JAN 91
01-528-2	MW-9	24 JAN 91
01-528-3	MW-10	24 JAN 91
01-528-4	MW-11	24 JAN 91
01-528-5	MW-8	24 JAN 91

PARAMETER	01-528-1	01-528-2	01-528-3	01-528-4	01-528-5
TPH-Volatile Hydrocarbons/BTEX					
Date Analyzed	01.26.91	---	---	---	---
Dilution Factor, Times	1	---	---	---	---
Benzene, ug/L	1.8	---	---	---	---
Ethylbenzene, ug/L	2.4	---	---	---	---
Toluene, ug/L	1.9	---	---	---	---
Total Xylene Isomers, ug/L	5.3	---	---	---	---
C4 to C12 Hydrocarbons, ug/L	300	---	---	---	---
Other TPH-Volatile Hydrocarbons/BTEX	---	---	---	---	---

1255 Powell Street
Emeryville, CA 94608

415/428-2300
Fax: 415/547-3643

BCA B C Analytical

Analytical Report

LOG NO: E91-01-528

Received: 24 JAN 91
Reported: 04 FEB 91

Mr. Jeff Holloway
CH2M Hill
6425 Christie Street, Suite 500
Emeryville, California 94608

Project: SF028830.A1

REPORT OF ANALYTICAL RESULTS

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
01-528-1	MW-7	24 JAN 91
01-528-2	MW-9	24 JAN 91
01-528-3	MW-10	24 JAN 91
01-528-4	MW-11	24 JAN 91
01-528-5	MW-8	24 JAN 91

PARAMETER	01-528-1	01-528-2	01-528-3	01-528-4	01-528-5
Halocarbons (EPA 601)					
Date Analyzed	---	01.29.91	01.25.91	01.30.91	01.25.91
Confirmation Date	---	01.27.91	01.27.91	01.27.91	01.27.91
Dilution Factor, Times	---	5	1	2	5
1,1,1-Trichloroethane, ug/L	---	<2	<0.5	<1	<2
1,1,2,2-Tetrachloroethane, ug/L	---	<2	<0.5	<1	<2
1,1,2-Trichloroethane, ug/L	---	<2	<0.5	<1	<2
1,1-Dichloroethane, ug/L	---	<2	<0.5	<1	<2
1,1-Dichloroethene, ug/L	---	<2	<0.5	<1	<2
1,2-Dichloroethane, ug/L	---	<2	<0.5	<1	5
1,2-Dichlorobenzene, ug/L	---	<2	<0.5	<1	<2
1,2-Dichloroethene (Total), ug/L	---	70	65	120	160
1,2-Dichloropropane, ug/L	---	<2	<0.5	<1	27
1,3-Dichlorobenzene, ug/L	---	<2	<0.5	<1	<2
1,4-Dichlorobenzene, ug/L	---	<2	<0.5	<1	<2
2-Chloroethylvinylether, ug/L	---	<2	<0.5	<1	<2
Bromodichloromethane, ug/L	---	<2	<0.5	<1	<2
Bromomethane, ug/L	---	<2	<0.5	<1	<2
Bromoform, ug/L	---	<2	<0.5	<1	<2
Chlorobenzene, ug/L	---	<2	<0.5	<1	<2
Carbon Tetrachloride, ug/L	---	<2	<0.5	<1	<2

Analytical Report

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Project: SF028830.A1

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LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
01-528-1	MW-7	24 JAN 91
01-528-2	MW-9	24 JAN 91
01-528-3	MW-10	24 JAN 91
01-528-4	MW-11	24 JAN 91
01-528-5	MW-8	24 JAN 91

PARAMETER	01-528-1	01-528-2	01-528-3	01-528-4	01-528-5
Chloroethane, ug/L	---	<2	<0.5	<1	<2
Chloroform, ug/L	---	<2	<0.5	<1	<2
Chloromethane, ug/L	---	<2	<0.5	<1	<2
Dibromochloromethane, ug/L	---	<2	<0.5	<1	<2
Dichlorodifluoromethane, ug/L	---	<2	<0.5	<1	<2
Freon 113, ug/L	---	<2	<0.5	<1	<2
Methylene chloride, ug/L	---	<2	<0.5	<1	<2
Trichloroethene, ug/L	---	220	14	29	450
Trichlorofluoromethane, ug/L	---	<2	<0.5	<1	<2
Tetrachloroethene, ug/L	---	23	31	29	13
Vinyl chloride, ug/L	---	<2	3.3	3	9
cis-1,2-Dichloroethene, ug/L	---	70	63	120	150
cis-1,3-Dichloropropene, ug/L	---	<2	<0.5	<1	<2
trans-1,2-Dichloroethene, ug/L	---	<2	2.4	3	4
trans-1,3-Dichloropropene, ug/L	---	<2	<0.5	<1	<2

Sim D. Lessley, Ph.D., Laboratory Director

1255 Powell Street
Emeryville, CA 94608

415/428-2300
Fax: 415/547-3643

B C Analytical

BATCH QC REPORT: Definitions and Terms

Accuracy	The ability of a procedure to determine the "true" concentration of an analyte
Precision	The reproducibility of a procedure demonstrated by the agreement between analyses performed on either duplicates of the same sample or a pair of duplicate spikes
Batch	A group of samples analyzed sequentially using the same calibration curve, reagents, and instrument
Laboratory Control Standard (LCS)	Laboratory reagent water spiked with known compounds and subjected to the same procedures as the samples. The LCS thus indicates the accuracy of the analytical method and, because it is prepared from a different source than the standard used to calibrate the instrument, it also serves to double-check the calibration
Matrix QC	Quality control tests performed on actual client samples. For most inorganic analyses, the laboratory uses a pair of duplicate samples and a spiked sample. For most organic analyses, the laboratory uses a pair of spiked samples (duplicate spikes)
LC Result	Laboratory result of an LCS analysis
LT Result	Expected result, or true value, of the LCS analysis
R1, R2 Result:	Result of the analysis of replicate aliquots of a sample, with R1 indicating the first analysis of the sample and R2 its corresponding duplicate; used to determine precision
S1, S2 Result	Result of the analysis of replicate spiked aliquots, with S1 indicating one spike of the sample and S2 the second spike; used to determine precision and accuracy
R Bar Result	The average of replicate analysis results
S Bar Result:	The average of spike analysis results
True value	The theoretical, or expected, result of a spike sample analysis
Percent Recovery	The percentage of analyte recovered. For LCS, the percent recovery calculation is: $LC + LT \times 100$ For spike recoveries, the percent recovery calculatiion is: $\frac{(\text{S Bar} - \text{Sample Concentration})}{\text{Spike Amount}} \times 100$
Relative Percent Difference (RPD)	Calculated using one of the following: $\frac{(R1 - R2) \times 100}{(R1 + R2) + 2}$ $\frac{(S1 - S2) \times 100}{(S1 + S2) + 2}$
Blank Result	The result of the analysis of a method blank,which is reagent water that is analysed using the same reagents, instruments and procedures as the samples in a batch; used to determine laboratory contamination
Reporting Detection Limit (RDL)	BCA-assigned limit based on—but not the same as—method detection limits (MDLs) determined using EPA guidelines

ORDER PLACED FOR CLIENT: CH2M Hill 9101528 :
BC ANALYTICAL : EMVL LAB : 09:43:34 07 FEB 1991 - P. 1 :

AMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE.... ANALYZED	METHOD.....	EQUIP.	BATCH	ID.NO
101528*1	MW-7	GAS.5030.BTEX	01.26.91	5030/8015	516-19	15	7258
101528*2	MW-9	VH.601	01.29.91	601	516-21	63	7553
101528*3	MW-10	VH.601	01.25.91	601	516-12	57	7835
101528*4	MW-11	VH.601	01.30.91	601	516-21	66	7553
101528*5	MW-8	VH.601	01.25.91	601	516-12	57	7835

**

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.

ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

ATE REPORTED : 02/07/91

LABORATORY CONTROL STANDARDS

ARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
PH-Volatile Hydrocarbons/BTEX						
Dilution Factor	01.26.91	15	1	1	Times	100
Benzene	01.26.91	15	24	25	ug/L	96
Ethylbenzene	01.26.91	15	25	25	ug/L	100
Toluene	01.26.91	15	27	25	ug/L	108
Total Xylene Isomers	01.26.91	15	57	50	ug/L	114
C4 to C12 Hydrocarbons	01.26.91	15	430	470	ug/L	91
PH-Volatile Hydrocarbons/BTEX						
Dilution Factor	01.26.91	15	1	1	Times	100
Benzene	01.26.91	15	24	25	ug/L	96
Ethylbenzene	01.26.91	15	26	25	ug/L	104
Toluene	01.26.91	15	29	25	ug/L	116
Total Xylene Isomers	01.26.91	15	59	50	ug/L	118
C4 to C12 Hydrocarbons	01.26.91	15	430	470	ug/L	91
alocarbons (EPA 601)						
Dilution Factor	01.29.91	63	1	1	Times	100
1,1,1-Trichloroethane	01.29.91	63	22	20	ug/L	110
1,1,2,2-Tetrachloroethane	01.29.91	63	21	20	ug/L	105
1,1,2-Trichloroethane	01.29.91	63	20	20	ug/L	100
1,1-Dichloroethane	01.29.91	63	19	20	ug/L	95
1,1-Dichloroethene	01.29.91	63	23	20	ug/L	115
1,2-Dichloroethane	01.29.91	63	23	20	ug/L	115
1,2-Dichlorobenzene	01.29.91	63	20	20	ug/L	100
1,2-Dichloroethene (Total)	01.29.91	63	43	40	ug/L	108
1,2-Dichloropropane	01.29.91	63	23	20	ug/L	115
1,3-Dichlorobenzene	01.29.91	63	21	20	ug/L	105
1,4-Dichlorobenzene	01.29.91	63	24	20	ug/L	120
2-Chloroethylvinylether	01.29.91	63	16	20	ug/L	80
Bromodichloromethane	01.29.91	63	24	20	ug/L	120
Bromomethane	01.29.91	63	18	20	ug/L	90
Bromoform	01.29.91	63	20	20	ug/L	100
Chlorobenzene	01.29.91	63	22	20	ug/L	110
Carbon Tetrachloride	01.29.91	63	22	20	ug/L	110
Chloroethane	01.29.91	63	18	20	ug/L	90
Chloroform	01.29.91	63	24	20	ug/L	120
Chloromethane	01.29.91	63	14	20	ug/L	70
Dibromochloromethane	01.29.91	63	22	20	ug/L	110
Dichlorodifluoromethane	01.29.91	63	10	20	ug/L	50
Freon 113	01.29.91	63	21	20	ug/L	105
Methylene chloride	01.29.91	63	25	20	ug/L	125

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

ATE REPORTED : 02/07/91

LABORATORY CONTROL STANDARDS

ARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
Trichloroethene	01.29.91	63	21	20	ug/L	105
Trichlorofluoromethane	01.29.91	63	25	20	ug/L	125
Tetrachloroethene	01.29.91	63	22	20	ug/L	110
Vinyl chloride	01.29.91	63	17	20	ug/L	85
cis-1,2-Dichloroethene	01.29.91	63	20	20	ug/L	100
cis-1,3-Dichloropropene	01.29.91	63	33	32	ug/L	103
trans-1,2-Dichloroethene	01.29.91	63	23	20	ug/L	115
trans-1,3-Dichloropropene	01.29.91	63	9.4	8.0	ug/L	118
PA Method 8010						
Dilution Factor	01.25.91	57	1	1	Times	100
1,1,1-Trichloroethane	01.25.91	57	25	20	ug/L	125
1,1,2,2-Tetrachloroethane	01.25.91	57	24	20	ug/L	120
1,1,2-Trichloroethane	01.25.91	57	22	20	ug/L	110
1,1-Dichloroethane	01.25.91	57	24	20	ug/L	120
1,1-Dichloroethene	01.25.91	57	21	20	ug/L	105
1,2-Dichloroethane	01.25.91	57	23	20	ug/L	115
1,2-Dichlorobenzene	01.25.91	57	22	20	ug/L	110
1,2-Dichloroethene (Total)	01.25.91	57	44	40	ug/L	110
1,2-Dichloropropane	01.25.91	57	25	20	ug/L	125
1,3-Dichlorobenzene	01.25.91	57	22	20	ug/L	110
1,4-Dichlorobenzene	01.25.91	57	25	20	ug/L	125
2-Chloroethylvinylether	01.25.91	57	17	20	ug/L	85
Bromodichloromethane	01.25.91	57	25	20	ug/L	125
Bromomethane	01.25.91	57	22	20	ug/L	110
Bromoform	01.25.91	57	23	20	ug/L	115
Chlorobenzene	01.25.91	57	22	20	ug/L	110
Carbon Tetrachloride	01.25.91	57	22	20	ug/L	110
Chloroethane	01.25.91	57	22	20	ug/L	110
Chloroform	01.25.91	57	23	20	ug/L	115
Chloromethane	01.25.91	57	19	20	ug/L	95
Dibromochloromethane	01.25.91	57	23	20	ug/L	115
Dichlorodifluoromethane	01.25.91	57	9.4	20	ug/L	47
Freon 113	01.25.91	57	19	20	ug/L	95
Methylene chloride	01.25.91	57	24	20	ug/L	120
Trichloroethene	01.25.91	57	23	20	ug/L	115
Trichlorofluoromethane	01.25.91	57	22	20	ug/L	110
Tetrachloroethene	01.25.91	57	22	20	ug/L	110
Vinyl chloride	01.25.91	57	19	20	ug/L	95

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

ATE REPORTED : 02/07/91

LABORATORY CONTROL STANDARDS

ARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
cis-1,2-Dichloroethene	01.25.91	57	20	20	ug/L	100
cis-1,3-Dichloropropene	01.25.91	57	30	30	ug/L	100
trans-1,2-Dichloroethene	01.25.91	57	23	20	ug/L	115
trans-1,3-Dichloropropene	01.25.91	57	13	10	ug/L	130
.PA Method 8010						
Dilution Factor	01.30.91	66	1	1	Times	100
1,1,1-Trichloroethane	01.30.91	66	22	20	ug/L	110
1,1,2,2-Tetrachloroethane	01.30.91	66	20	20	ug/L	100
1,1,2-Trichloroethane	01.30.91	66	20	20	ug/L	100
1,1-Dichloroethane	01.30.91	66	19	20	ug/L	95
1,1-Dichloroethene	01.30.91	66	22	20	ug/L	110
1,2-Dichloroethane	01.30.91	66	22	20	ug/L	110
1,2-Dichlorobenzene	01.30.91	66	20	20	ug/L	100
1,2-Dichloroethene (Total)	01.30.91	66	41	40	ug/L	103
1,2-Dichloropropane	01.30.91	66	23	20	ug/L	115
1,3-Dichlorobenzene	01.30.91	66	21	20	ug/L	105
1,4-Dichlorobenzene	01.30.91	66	23	20	ug/L	115
2-Chloroethylvinylether	01.30.91	66	16	20	ug/L	80
Bromodichloromethane	01.30.91	66	23	20	ug/L	115
Bromomethane	01.30.91	66	20	20	ug/L	100
Bromoform	01.30.91	66	20	20	ug/L	100
Chlorobenzene	01.30.91	66	20	20	ug/L	100
Carbon Tetrachloride	01.30.91	66	21	20	ug/L	105
Chloroethane	01.30.91	66	20	20	ug/L	100
Chloroform	01.30.91	66	24	20	ug/L	120
Chloromethane	01.30.91	66	20	20	ug/L	100
Dibromochloromethane	01.30.91	66	21	20	ug/L	105
Dichlorodifluoromethane	01.30.91	66	17	20	ug/L	85
Freon 113	01.30.91	66	20	20	ug/L	100
Methylene chloride	01.30.91	66	25	20	ug/L	125
Trichloroethene	01.30.91	66	20	20	ug/L	100
Trichlorofluoromethane	01.30.91	66	24	20	ug/L	120
Tetrachloroethene	01.30.91	66	20	20	ug/L	100
Vinyl chloride	01.30.91	66	19	20	ug/L	95
cis-1,2-Dichloroethene	01.30.91	66	20	20	ug/L	100
cis-1,3-Dichloropropene	01.30.91	66	31	32	ug/L	97
trans-1,2-Dichloroethene	01.30.91	66	21	20	ug/L	105
trans-1,3-Dichloropropene	01.30.91	66	8.9	8.0	ug/L	111

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

ATE REPORTED : 02/07/91

MATRIX QC PRECISION (DUPLICATE SPIKES)

ARAMETER	DATE ANALYZED	BATCH NUMBER	S1 RESULT	S2 RESULT	UNIT	RELATIVE %DIFF
PH-Volatile Hydrocarbons/BTEX						
Dilution Factor	01.26.91	15	1	1	Times	0
Benzene	01.26.91	15	24	24	ug/L	0
Ethylbenzene	01.26.91	15	26	26	ug/L	0
Toluene	01.26.91	15	28	29	ug/L	4
Total Xylene Isomers	01.26.91	15	58	61	ug/L	5
C4 to C12 Hydrocarbons	01.26.91	15	410	430	ug/L	5
PH-Volatile Hydrocarbons/BTEX						
Dilution Factor	01.26.91	15	1	1	Times	0
Benzene	01.26.91	15	30	30	ug/L	0
Ethylbenzene	01.26.91	15	29	30	ug/L	3
Toluene	01.26.91	15	29	29	ug/L	0
Total Xylene Isomers	01.26.91	15	53	64	ug/L	19
C4 to C12 Hydrocarbons	01.26.91	15	560	560	ug/L	0
alocarbons (EPA 601)						
Dilution Factor	01.29.91	63	10	10	Times	0
1,1,1-Trichloroethane	01.29.91	63	140	150	ug/L	7
1,1-Dichloroethane	01.29.91	63	140	160	ug/L	13
1,1-Dichloroethene	01.29.91	63	150	160	ug/L	6
1,2-Dichloroethane	01.29.91	63	140	150	ug/L	7
1,2-Dichlorobenzene	01.29.91	63	110	120	ug/L	9
1,2-Dichloropropane	01.29.91	63	150	160	ug/L	6
1,3-Dichlorobenzene	01.29.91	63	120	130	ug/L	8
1,4-Dichlorobenzene	01.29.91	63	140	150	ug/L	7
Bromodichloromethane	01.29.91	63	150	160	ug/L	6
Bromoform	01.29.91	63	120	130	ug/L	8
Carbon Tetrachloride	01.29.91	63	140	140	ug/L	0
Chloroform	01.29.91	63	160	170	ug/L	6
Dibromochloromethane	01.29.91	63	130	140	ug/L	7
Methylene chloride	01.29.91	63	160	170	ug/L	6
Trichloroethene	01.29.91	63	130	140	ug/L	7
Tetrachloroethene	01.29.91	63	140	140	ug/L	0
EPA Method 8010						
Dilution Factor	01.25.91	57	1	1	Times	0
1,1,1-Trichloroethane	01.25.91	57	14	15	ug/L	7
1,1-Dichloroethane	01.25.91	57	14	15	ug/L	7
1,1-Dichloroethene	01.25.91	57	11	13	ug/L	17
1,2-Dichloroethane	01.25.91	57	13	14	ug/L	7
1,2-Dichlorobenzene	01.25.91	57	12	13	ug/L	8
1,2-Dichloropropane	01.25.91	57	14	15	ug/L	7
1,3-Dichlorobenzene	01.25.91	57	12	13	ug/L	8

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

ATE REPORTED : 02/07/91

MATRIX QC PRECISION (DUPLICATE SPIKES)

ARAMETER	DATE ANALYZED	BATCH NUMBER	S1 RESULT	S2 RESULT	UNIT	RELATIVE %DIFF
1,4-Dichlorobenzene	01.25.91	57	14	15	ug/L	7
Bromodichloromethane	01.25.91	57	14	15	ug/L	7
Bromoform	01.25.91	57	12	13	ug/L	8
Chlorobenzene	01.25.91	57	12	13	ug/L	8
Carbon Tetrachloride	01.25.91	57	12	13	ug/L	8
Chloroform	01.25.91	57	13	14	ug/L	7
Dibromochloromethane	01.25.91	57	13	14	ug/L	7
Methylene chloride	01.25.91	57	13	14	ug/L	7
Trichloroethene	01.25.91	57	12	13	ug/L	8
Tetrachloroethene	01.25.91	57	12	13	ug/L	8
PA Method 8010						
Dilution Factor	01.30.91	66	1	1	Times	0
1,1,1-Trichloroethane	01.30.91	66	20	20	ug/L	0
1,1-Dichloroethane	01.30.91	66	15	16	ug/L	6
1,1-Dichloroethene	01.30.91	66	14	14	ug/L	0
1,2-Dichloroethane	01.30.91	66	15	15	ug/L	0
1,2-Dichloropropane	01.30.91	66	15	15	ug/L	0
Bromodichloromethane	01.30.91	66	15	16	ug/L	6
Bromoform	01.30.91	66	12	12	ug/L	0
Carbon Tetrachloride	01.30.91	66	14	14	ug/L	0
Chloroform	01.30.91	66	16	16	ug/L	0
Dibromochloromethane	01.30.91	66	14	14	ug/L	0
Methylene chloride	01.30.91	66	16	16	ug/L	0
Trichloroethene	01.30.91	66	14	14	ug/L	0
Tetrachloroethene	01.30.91	66	13	12	ug/L	8

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

ATE REPORTED : 02/07/91

MATRIX QC ACCURACY (SPIKES)

PARAMETER	DATE ANALYZED	BATCH NUMBER	SBAR RESULT	TRUE RESULT	RBAR RESULT	UNIT	PERCENT RECOVERY
PH-Volatile Hydrocarbons/BTEX							
Benzene	01.26.91	15	24	25	<0.5	ug/L	96
Ethylbenzene	01.26.91	15	26	25	<0.5	ug/L	104
Toluene	01.26.91	15	28.5	25	<0.5	ug/L	114
Total Xylene Isomers	01.26.91	15	59.5	50	<0.5	ug/L	119
C4 to C12 Hydrocarbons	01.26.91	15	420	470	<50	ug/L	89
PH-Volatile Hydrocarbons/BTEX							
Benzene	01.26.91	15	30	31	6.3	ug/L	96
Ethylbenzene	01.26.91	15	29.5	28	3.4	ug/L	106
Toluene	01.26.91	15	29	26	1.4	ug/L	112
Total Xylene Isomers	01.26.91	15	58.5	58	7.8	ug/L	101
C4 to C12 Hydrocarbons	01.26.91	15	560	620	150	ug/L	87
alocarbons (EPA 601)							
1,1,1-Trichloroethane	01.29.91	63	145	120	<5	ug/L	121
1,1-Dichloroethane	01.29.91	63	150	120	<5	ug/L	125
1,1-Dichloroethene	01.29.91	63	155	120	<5	ug/L	129
1,2-Dichloroethane	01.29.91	63	145	120	<5	ug/L	121
1,2-Dichlorobenzene	01.29.91	63	115	120	<5	ug/L	96
1,2-Dichloropropane	01.29.91	63	155	120	<5	ug/L	129
1,3-Dichlorobenzene	01.29.91	63	125	120	<5	ug/L	104
1,4-Dichlorobenzene	01.29.91	63	145	120	<5	ug/L	121
Bromodichloromethane	01.29.91	63	155	120	<5	ug/L	129
Bromoform	01.29.91	63	125	120	<5	ug/L	104
Carbon Tetrachloride	01.29.91	63	140	120	<5	ug/L	117
Chloroform	01.29.91	63	165	120	<5	ug/L	138
Dibromochloromethane	01.29.91	63	135	120	<5	ug/L	113
Methylene chloride	01.29.91	63	165	120	<5	ug/L	138
Trichloroethene	01.29.91	63	135	120	<5	ug/L	113
Tetrachloroethene	01.29.91	63	140	120	<5	ug/L	117
EPA Method 8010							
1,1,1-Trichloroethane	01.25.91	57	14.5	12	<0.5	ug/L	121
1,1-Dichloroethane	01.25.91	57	14.5	12	<0.5	ug/L	121
1,1-Dichloroethene	01.25.91	57	12	12	<0.5	ug/L	100
1,2-Dichloroethane	01.25.91	57	13.5	12	<0.5	ug/L	113
1,2-Dichlorobenzene	01.25.91	57	12.5	12	<0.5	ug/L	104
1,2-Dichloropropane	01.25.91	57	14.5	12	<0.5	ug/L	121
1,3-Dichlorobenzene	01.25.91	57	12.5	12	<0.5	ug/L	104
1,4-Dichlorobenzene	01.25.91	57	14.5	12	<0.5	ug/L	121
Bromodichloromethane	01.25.91	57	14.5	12	<0.5	ug/L	121
Bromoform	01.25.91	57	12.5	12	<0.5	ug/L	104
Chlorobenzene	01.25.91	57	12.5	12	<0.5	ug/L	104

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

)ATE REPORTED : 02/07/91

MATRIX QC ACCURACY (SPIKES)

?ARAMETER	DATE ANALYZED	BATCH NUMBER	SBAR RESULT	TRUE RESULT	RBAR RESULT	UNIT	PERCENT RECOVERY
Carbon Tetrachloride	01.25.91	57	12.5	12	<0.5	ug/L	104
Chloroform	01.25.91	57	13.5	12	<0.5	ug/L	113
Dibromochloromethane	01.25.91	57	13.5	12	<0.5	ug/L	113
Methylene chloride	01.25.91	57	13.5	12	<0.5	ug/L	113
Trichloroethene	01.25.91	57	12.5	12	<0.5	ug/L	104
Tetrachloroethene	01.25.91	57	12.5	12	<0.5	ug/L	104
EPA Method 8010							
1,1,1-Trichloroethane	01.30.91	66	20	17	4.9	ug/L	125
1,1-Dichloroethane	01.30.91	66	15.5	12	<0.5	ug/L	129
1,1-Dichloroethene	01.30.91	66	14	12	<0.5	ug/L	117
1,2-Dichloroethane	01.30.91	66	15	12	<0.5	ug/L	125
1,2-Dichloropropane	01.30.91	66	15	12	<0.5	ug/L	125
Bromodichloromethane	01.30.91	66	15.5	12	<0.5	ug/L	129
Bromoform	01.30.91	66	12	12	<0.5	ug/L	100
Carbon Tetrachloride	01.30.91	66	14	12	<0.5	ug/L	117
Chloroform	01.30.91	66	16	12	<0.5	ug/L	133
Dibromochloromethane	01.30.91	66	14	12	<0.5	ug/L	117
Methylene chloride	01.30.91	66	16	12	<0.5	ug/L	133
Trichloroethene	01.30.91	66	14	13	0.7	ug/L	108
Tetrachloroethene	01.30.91	66	12.5	12	<0.5	ug/L	104

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

)ATE REPORTED : 02/07/91

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)

'ARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT
'PH-Volatile Hydrocarbons/BTEX					
Date Analyzed	01.26.91	15	01.26.91	NA	Date
Dilution Factor	01.26.91	15	1	NA	Times
Benzene	01.26.91	15	0	0.5	ug/L
Ethylbenzene	01.26.91	15	0	0.5	ug/L
Toluene	01.26.91	15	0.3	0.5	ug/L
Total Xylene Isomers	01.26.91	15	0.2	0.5	ug/L
C4 to C12 Hydrocarbons	01.26.91	15	1.1	50	ug/L
ialocarbons (EPA 601)					
Date Analyzed	01.29.91	63	01.29.91	NA	Date
Dilution Factor	01.29.91	63	1	NA	Times
1,1,1-Trichloroethane	01.29.91	63	0	0.5	ug/L
1,1,2,2-Tetrachloroethane	01.29.91	63	0	0.5	ug/L
1,1,2-Trichloroethane	01.29.91	63	0	0.5	ug/L
1,1-Dichloroethane	01.29.91	63	0	0.5	ug/L
1,1-Dichloroethene	01.29.91	63	0	0.5	ug/L
1,2-Dichloroethane	01.29.91	63	0	0.5	ug/L
1,2-Dichlorobenzene	01.29.91	63	0	0.5	ug/L
1,2-Dichloroethene (Total)	01.29.91	63	0	0.5	ug/L
1,2-Dichloropropane	01.29.91	63	0	0.5	ug/L
1,3-Dichlorobenzene	01.29.91	63	0	0.5	ug/L
1,4-Dichlorobenzene	01.29.91	63	0	0.5	ug/L
2-Chloroethylvinylether	01.29.91	63	0	0.5	ug/L
Bromodichloromethane	01.29.91	63	0	0.5	ug/L
Bromomethane	01.29.91	63	0	0.5	ug/L
Bromoform	01.29.91	63	0	0.5	ug/L
Chlorobenzene	01.29.91	63	0	0.5	ug/L
Carbon Tetrachloride	01.29.91	63	0	0.5	ug/L
Chloroethane	01.29.91	63	0	0.5	ug/L
Chloroform	01.29.91	63	0	0.5	ug/L
Chloromethane	01.29.91	63	0	0.5	ug/L
Dibromochloromethane	01.29.91	63	0	0.5	ug/L
Dichlorodifluoromethane	01.29.91	63	0	0.5	ug/L
Freon 113	01.29.91	63	0	0.5	ug/L
Methylene chloride	01.29.91	63	0	0.5	ug/L
Trichloroethene	01.29.91	63	0	0.5	ug/L
Trichlorofluoromethane	01.29.91	63	0	0.5	ug/L
Tetrachloroethene	01.29.91	63	0	0.5	ug/L
Vinyl chloride	01.29.91	63	0	0.5	ug/L

BC ANALYTICAL

BATCH QC REPORT
ORDER: E9101528

DATE REPORTED : 02/07/91

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT
cis-1,2-Dichloroethene	01.29.91	63	0	0.5	ug/L
cis-1,3-Dichloropropene	01.29.91	63	0	0.5	ug/L
trans-1,2-Dichloroethene	01.29.91	63	0	0.5	ug/L
trans-1,3-Dichloropropene	01.29.91	63	0	0.5	ug/L
EPA Method 8010					
Date Analyzed	01.25.91	57	01.25.91	NA	Date
Dilution Factor	01.25.91	57	1	NA	Times
1,1,1-Trichloroethane	01.25.91	57	0	0.5	ug/L
1,1,2,2-Tetrachloroethane	01.25.91	57	0	0.5	ug/L
1,1,2-Trichloroethane	01.25.91	57	0	0.5	ug/L
1,1-Dichloroethane	01.25.91	57	0	0.5	ug/L
1,1-Dichloroethene	01.25.91	57	0	0.5	ug/L
1,2-Dichloroethane	01.25.91	57	0	0.5	ug/L
1,2-Dichlorobenzene	01.25.91	57	0	0.5	ug/L
1,2-Dichloroethene (Total)	01.25.91	57	0	0.5	ug/L
1,2-Dichloropropane	01.25.91	57	0	0.5	ug/L
1,3-Dichlorobenzene	01.25.91	57	0	0.5	ug/L
1,4-Dichlorobenzene	01.25.91	57	0	0.5	ug/L
2-Chloroethylvinylether	01.25.91	57	0	0.5	ug/L
Bromodichloromethane	01.25.91	57	0	0.5	ug/L
Bromomethane	01.25.91	57	0	0.5	ug/L
Bromoform	01.25.91	57	0	0.5	ug/L
Chlorobenzene	01.25.91	57	0	0.5	ug/L
Carbon Tetrachloride	01.25.91	57	0	0.5	ug/L
Chloroethane	01.25.91	57	0	0.5	ug/L
Chloroform	01.25.91	57	0	0.5	ug/L
Chloromethane	01.25.91	57	0	0.5	ug/L
Dibromochloromethane	01.25.91	57	0	0.5	ug/L
Dichlorodifluoromethane	01.25.91	57	0	0.5	ug/L
Freon 113	01.25.91	57	0	0.5	ug/L
Methylene chloride	01.25.91	57	0	0.5	ug/L
Trichloroethene	01.25.91	57	0	0.5	ug/L
Trichlorofluoromethane	01.25.91	57	0	0.5	ug/L
Tetrachloroethene	01.25.91	57	0	0.5	ug/L
Vinyl chloride	01.25.91	57	0	0.5	ug/L
cis-1,2-Dichloroethene	01.25.91	57	0	0.5	ug/L
cis-1,3-Dichloropropene	01.25.91	57	0	0.5	ug/L
trans-1,2-Dichloroethene	01.25.91	57	0	0.5	ug/L

TE REPORTED : 02/07/91

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)

RAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT
trans-1,3-Dichloropropene	01.25.91	57	0	0.5	ug/L
PA Method 8010					
Date Analyzed	01.30.91	66	01.30.91	NA	Date
Dilution Factor	01.30.91	66	1	NA	Times
1,1,1-Trichloroethane	01.30.91	66	0	0.5	ug/L
1,1,2,2-Tetrachloroethane	01.30.91	66	0	0.5	ug/L
1,1,2-Trichloroethane	01.30.91	66	0	0.5	ug/L
1,1-Dichloroethane	01.30.91	66	0	0.5	ug/L
1,1-Dichloroethene	01.30.91	66	0	0.5	ug/L
1,2-Dichloroethane	01.30.91	66	0	0.5	ug/L
1,2-Dichlorobenzene	01.30.91	66	0	0.5	ug/L
1,2-Dichloroethene (Total)	01.30.91	66	0	0.5	ug/L
1,2-Dichloropropane	01.30.91	66	0	0.5	ug/L
1,3-Dichlorobenzene	01.30.91	66	0	0.5	ug/L
1,4-Dichlorobenzene	01.30.91	66	0	0.5	ug/L
2-Chloroethylvinylether	01.30.91	66	0	0.5	ug/L
Bromodichloromethane	01.30.91	66	0	0.5	ug/L
Bromomethane	01.30.91	66	0	0.5	ug/L
Bromoform	01.30.91	66	0	0.5	ug/L
Chlorobenzene	01.30.91	66	0	0.5	ug/L
Carbon Tetrachloride	01.30.91	66	0	0.5	ug/L
Chloroethane	01.30.91	66	0	0.5	ug/L
Chloroform	01.30.91	66	0	0.5	ug/L
Chloromethane	01.30.91	66	0	0.5	ug/L
Dibromochloromethane	01.30.91	66	0	0.5	ug/L
Dichlorodifluoromethane	01.30.91	66	0	0.5	ug/L
Freon 113	01.30.91	66	0	0.5	ug/L
Methylene chloride	01.30.91	66	0	0.5	ug/L
Trichloroethene	01.30.91	66	0	0.5	ug/L
Trichlorofluoromethane	01.30.91	66	0	0.5	ug/L
Tetrachloroethene	01.30.91	66	0	0.5	ug/L
Vinyl chloride	01.30.91	66	0	0.5	ug/L
cis-1,2-Dichloroethene	01.30.91	66	0	0.5	ug/L
cis-1,3-Dichloropropene	01.30.91	66	0	0.5	ug/L
trans-1,2-Dichloroethene	01.30.91	66	0	0.5	ug/L
trans-1,3-Dichloropropene	01.30.91	66	0	0.5	ug/L

CH2M HILL CHAIN OF CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
SFO 288330.A1	DEL MONTE; PLANT # 35

CLIENT NAME: DEL MONTE CORP

REPORT TO: J. HOLLOWAY | COPY TO: —

REQUESTED COMPLETION DATE: STD TAT | LABORATORY: BCA

STA NO	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION	NUMBER OF CONTAINERS	EPA 601	TPH as Gas + BTEX
MW-7	1/24/91	9:10 AM		X	-1	3		3
MW-9	1/24/91	9:45 AM		X	-2	3	3	
MW-10	1/24/91	10:25 AM		X	-3	3	3	
MW-11	1/24/91	10:45 AM		X	-4	3	3	
MW-8	1/24/91	11:10 AM		X	-5	3	3	

ANALYSES REQUESTED

FOR LAB USE ONLY

LAB # _____

PROJ # _____

ACK _____ VERIFIED _____

DATE INVOICED _____

NO. OF SAMPLES _____ pg _____ of _____

DISPOSITION: D R _____ DATE

REMARKS

[redacted]

Acct # 910622B

SAMPLED BY AND TITLE (SIGNATURE)	DATE/TIME	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME
1 RW Lyon	1/24/91 11:45 AM	2 RW Lyon	1/24/91 11:45 AM	3	

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY LAB: (SIGNATURE)	DATE/TIME
4		5		6		[redacted]	1/24/91 12:00

REMARKS: Dropped off at GCA ≈ 11:50 AM 1/24/91

SAMPLING PROGRAM: SDWA ☐ NPDES ☐ RCRA ☐ OTHER _____ (SPECIFY)

SAMPLE SHIPPED VIA: ☐ UPS ☐ BUS ☐ FED-EX ☐ HAND OTHER _____

AIR BUS BILL NUMBER

ORIGINAL ACCOMPANIES SHIPMENT PINK — COPY TO COORDINATOR FIELD FILES YELLOW — CLIENT

REV. 6/87 FORM 340

Engineers
Planners
Economists
Scientists

March 14, 1991

SFO28830.A1

Mr. Wilbur Sprague
Associated Services
2128 Tice Creek Drive #3
Walnut Creek, CA 94595

Subject: Quarterly monitoring data for Del Monte's Plant 35; West Parcel, removed fuel tanks area at 4202 Hollis Street, Emeryville, California

Dear Wilbur:

The quarterly monitoring data for the removed fuel tanks area (monitoring Wells MW8 through MW11) at the Del Monte Plant No. 35; West Parcel in Emeryville, California are summarized in the attached table. This table is prepared to correspond with the quarterly monitoring reports previously submitted to the Alameda County Health Agency (ACHA). The laboratory data sheets are also attached. This data needs to be submitted to the following:

[redacted]
Hazardous Materials Specialist
Alameda County Health Agency
Division of Hazardous Materials
80 Swan Way, Room 200
Oakland, CA 94621

Mr. Lester Feldman
Regional Water Quality Control Board
San Francisco Region
1800 Harrison, 7th Floor
Oakland, CA 94612

Results of the groundwater monitoring program at the removed fuel tank site show that chlorinated organic compound concentrations in Well MW8 have either increased or remained relatively unchanged. Well MW8 is adjacent and downgradient of the removed fuel oil tanks. Concentrations in Wells MW9 (upgradient), MW10, and MW11 (downgradient) generally show the same trend as

seen in MW8. Fluctuations in the order of "parts-per-billion" of the levels of contaminants of concern at the Plant suggests that conditions have generally stabilized.

According to the water quality goals promulgated by the RWQCB, concentrations of TCE and PCE in Wells MW8 through MW11 and VC in Wells MW8, MW10, and MW11 exceed California's Primary Drinking Water Standards Maximum Contaminant Levels. Based on these regulatory criteria, additional monitoring is required at the removed fuel tanks site.

If you have any questions, please call.

Sincerely,

Jeff Holloway
Project Manager

Enclosures

cc: ~~Vijay Rode~~/Del Monte
Bill Riker/Del Monte
Liz Dodge/CH2M HILL

p35-2

DEL MONTE PLANT NO. 35
4204 HOLLIS STREET, EMERYVILLE, CA
QUARTERLY GROUNDWATER MONITORING RESULTS
(Removed Fuel Oil Tanks Site)

Monitoring Well	Sampling Date	Concentration (mg/l) 1,2-DCE(a)	1,1-DCE(b)	1,2-DCA(c)	TCE(d)	PCE(e)	VC(f)	1,2-DP(g)
MW8	12-May-89	0.29	<0.0100	<0.0100	1.400	0.020	0.0780	<0.0100
MW8	10-Jul-89	0.14	<0.0025	<0.0025	0.330	0.014	0.0170	<0.0025
MW8-dup	10-Jul-89	0.13	<0.0025	<0.0025	0.310	0.012	0.0160	<0.0025
MW8	24-Oct-89	0.10	<0.0020	<0.0020	0.330	0.024	0.0040	<0.0020
MW8	07-Feb-90	0.10	<0.0020	<0.0020	0.520	0.018	0.0120	<0.0020
MW8	10-Jul-90	0.005	<0.0002	<0.0005	0.091	0.036	0.0030	<0.0005
MW8	17-Oct-90	0.059	<0.0010	<0.0010	0.160	0.021	0.0020	<0.0010
MW8	24-Jan-91	0.160	<0.0020	0.0050	0.450	0.013	0.0090	0.0270
MW9	10-Jul-89	0.0630	<0.0005	<0.0005	0.013	0.038	0.0160	<0.0005
MW9	24-Oct-89	0.0064	<0.0005	<0.0005	0.029	0.048	0.0230	<0.0005
MW9	07-Feb-90	0.0550	<0.0005	<0.0005	0.015	0.030	0.0071	<0.0005
MW9	10-Jul-90	0.0030	<0.0002	<0.0005	0.009	0.043	0.0100	<0.0005
MW9	17-Oct-90	0.0700	<0.0005	<0.0005	0.014	0.032	0.0046	<0.0005
MW9	24-Jan-91	0.0700	<0.0020	<0.0020	0.220	0.023	<0.0020	<0.0020
MW10	10-Jul-89	0.0850	0.0008	<0.0005	0.027	0.042	0.0280	<0.0005
WATER QUALITY STANDARDS								
Primary MCL		---	0.006	0.0005	0.005	0.005	0.0005	---
Cancer Risk		---	0.000033	0.00094	0.0027	0.0008	0.002	---
AATC (Freshwater)		23.2	11.6	118	45	5.28	---	23

a total 1,2-Dichloroethene*
b 1,1-Dichloroethene
c 1,2-Dichloroethane
d Trichloroethene
e Tetrachloroethene
f Vinyl chloride
g 1,2-Dichloropropane
* Sum of cis-1,2-Dichloroethene and trans-1,2-Dichloroethene

DEL MONTE PLANT NO. 35
4204 HOLLIS STREET, EMERYVILLE, CA
QUARTERLY GROUNDWATER MONITORING RESULTS
(Removed Fuel Oil Tanks Site)

Monitoring Well	Sampling Date	Concentration (mg/l) 1,2-DCE(a)	1,1-DCE(b)	1,2-DCA(c)	TCE(d)	PCE(e)	VC(f)	1,2-DP(g)
MW10	24-Oct-89	0.1048	<0.0005	<0.0005	0.037	0.028	0.0069	<0.0005
MW10	07-Feb-90	0.0500	<0.0005	<0.0005	0.011	0.008	0.0053	<0.0005
MW10	10-Jul-90	0.0090	<0.0002	<0.0005	0.030	0.076	0.054	<0.0005
MW10-dup	10-Jul-90	0.010	0.005	<0.0005	0.028	0.069	0.017	<0.0005
MW10	17-Oct-90	0.140	<0.0005	<0.0005	0.035	0.037	0.013	<0.0005
MW10	24-Jan-91	0.065	<0.0005	<0.0005	0.014	0.031	0.0033	<0.0005
MW11	10-Jul-89	0.073	<0.0010	0.0040	0.160	0.012	0.0160	0.0057
MW11	24-Oct-89	0.188	<0.0020	0.0100	0.410	0.015	0.0220	0.0200
MW11	07-Feb-90	0.105	<0.0020	0.0020	0.270	0.008	0.0110	0.0130
MW11	10-Jul-90	0.004	<0.0002	0.0230	0.046	0.018	0.0150	<0.0005
MW11	17-Oct-90	0.150	<0.0020	0.0110	0.300	0.008	<0.002	0.0310
MW11	24-Jan-91	0.120	<0.0010	<0.0010	0.029	0.029	0.0030	<0.0010
WATER QUALITY STANDARDS								
Primary MCL		---	0.006	0.0005	0.005	0.005	0.0005	---
Cancer Risk		---	0.000033	0.00094	0.0027	0.0008	0.002	---
AATC (Freshwater)		23.2	11.6	118	45	5.28	---	23

a total 1,2-Dichloroethene*
b 1,1-Dichloroethene
c 1,2-Dichloroethane
d Trichloroethene
e Tetrachloroethene
f Vinyl chloride
g 1,2-Dichloropropane
* Sum of cis-1,2-Dichloroethene and trans-1,2-Dichloroethene