



April 30, 1993

SFO28830.A1

Mr. Brian Oliva  
Hazardous Materials Specialist  
Alameda County Health Agency  
Division of Hazardous Materials  
80 Swan Way, Room 200  
Oakland, CA 94621

Subject: Quarterly Groundwater Monitoring and Groundwater Extraction and Treatment System Status Report for Del Monte Plant 35 - West Parcel, 4204 Hollis Street, Emeryville, California

Dear Mr. Oliva:

Enclosed is the Quarterly Groundwater Monitoring and Groundwater Extraction and Treatment System Status Report for Del Monte Plant 35 - West Parcel located at 4204 Hollis Street in Emeryville, California. If you have any questions or comments, please call me at (510) 251-2888 (ext. 2118).

Sincerely,

CH2M HILL

Bern Baumgartner  
Project Manager

beb/

cc: Mr. Rich Hiett/RWQCB  
Mr. Stan Archacki/EBMUD  
Mr. Ron Thibault/Del Monte  
Mr. Steve Ronzone/Del Monte  
Mr. Lee Bosche/Del Monte  
Mr. Bharat Shah/Del Monte  
Mr. Mark Rosenquist/Del Monte  
Mr. Ken Lewis/CH2M HILL

## **INTRODUCTION**

This report presents the quarterly groundwater monitoring analytical data and the status of the groundwater extraction and treatment (GET) system located at Del Monte Plant 35 - West Parcel, at 4204 Hollis Street in Emeryville, California.

## **BACKGROUND**

Del Monte Plant 35 is located in an industrial area and was a food processing plant from the late 1920s through 1989. Plant 35 is located on approximately 13 acres; the West Parcel, located at 4204 Hollis Street, is approximately 2 acres in size and the East Parcel, located at 1250 Park Avenue, is approximately 11 acres in size (Figure 1).

Plant 35 is underlaid by approximately 5 to 8 feet of fill which is composed primarily of clay containing gravel. Native silty clay extends from beneath the fill to a depth of approximately 15 to 20 feet below ground surface. This silty clay zone is underlaid with silty sand. Shallow groundwater exists beneath the property at a depth of approximately 7 to 10 feet below ground surface.

Del Monte removed four 50-gallon underground tanks from the West Parcel in March 1989 as described in "Property Assessment and Tank Removal Report, Del Monte Plant No. 35, Southwest Corner" (CH2M HILL, September 1989). These tanks were located adjacent to a building that Del Monte had previously leased to medical research companies. The tanks were used to store fuel oil; however, prior to removal of the tanks, tank content sampling revealed the presence of chlorinated hydrocarbon compounds. Subsequent groundwater investigations revealed the presence of chlorinated hydrocarbon compounds in the shallow groundwater in the vicinity of the former fuel oil tank area. Del Monte has been monitoring the groundwater in the vicinity of the former fuel oil tank area since May 1989.

Del Monte demolished and removed the building located at the southwest corner of the West Parcel during December 1992. The removal of this building provided access to soil that could not be removed during the removal of the four fuel oil tanks in 1989.

## **GROUNDWATER MONITORING**

Monitoring wells MW-7, MW-9, MW-10, and MW-11 were sampled on March 30, 1993. Monitoring well MW-8 was removed during construction of the GET system and therefore could not be sampled; however, the groundwater extraction pit is located in the vicinity of the former monitoring well MW-8 location. The monitoring well locations are shown on Figure 1. The analytical results of the March 30, 1993 monitoring event and previous monitoring events are summarized on Table 1. The laboratory report is contained in Attachment A.

The groundwater monitoring results indicate decreasing concentration levels of chlorinated hydrocarbons in monitoring wells MW-10 and MW-11 since the startup of the GET system (January 14, 1993). No significant changes in groundwater quality have

occurred in monitoring wells MW-7 and MW-9. Applicable State of California Maximum Contaminant Levels (MCLs) are included at the bottom of Table 1.

## **GROUNDWATER EXTRACTION AND TREATMENT SYSTEM**

Del Monte began construction of a GET system on January 11, 1993 and began operating this GET system on January 14, 1993. The objective of the GET system is to extract and treat groundwater containing chlorinated hydrocarbons thereby reducing levels of chlorinated hydrocarbons in the shallow groundwater beneath the West Parcel. Del Monte is planning on operating the GET system for approximately six months.

The GET system extracts groundwater through one of two 16-inch diameter perforated pipes installed in the pea gravel at the bottom of the excavation pit. The extracted groundwater is pumped to a 20,000-gallon covered settling tank to settle out silt and fine sand. An automatic shutoff device does not allow for more than 7,000 gallons of water to be contained within the 20,000-gallon settling tank at any time. After the settling tank, the extracted groundwater gravity flows to a 100-gallon holding tank prior to treatment. Treatment consists of two activated carbon canisters in series. The treated groundwater is then discharged to the sanitary sewer; Del Monte obtained a Wastewater Discharge Permit from the East Bay Municipal Utility District (EBMUD). A schematic of the GET system is shown on Figure 2. Four water sample ports (SP-A, SP-B, SP-C, and SP-D) used to monitor the GET system are also shown on Figure 2.

Del Monte collects monthly water samples from the GET system sample ports. The samples are analyzed for chlorinated hydrocarbons and BTEX. The results of these analyses are summarized on Table 2. The laboratory reports for these samples are included in Attachment B.

The results of the GET system sampling indicate that the GET system is effectively removing chlorinated hydrocarbons prior to discharge; EBMUD's discharge limitation for total chlorinated hydrocarbons is 500  $\mu\text{g/l}$ . BTEX compounds have not been detected in any of the GET system samples collected.

According to Table 2, chlorinated hydrocarbons were detected in the effluent stream of the first carbon canister (SP-B) on February 26, 1993 and in the effluent stream of the second carbon canister (SP-A) on April 6, 1993. However, total chlorinated hydrocarbon concentrations in the GET system influent have not exceeded EBMUD's discharge criteria since startup of the GET system. Therefore, the existing carbon canisters are currently not scheduled to be replaced.

As of April 13, 1993, the GET system extracted and treated 477,251 gallons of water at a rate of approximately 4 gallons per minute. GET system inspection logs are contained in Attachment C.

## **FUTURE ACTIVITIES**

System operation and maintenance inspections will be conducted weekly and future GET system water samples will be collected monthly. The next quarterly monitoring well sampling event is scheduled for June 30, 1993 and the next quarterly report is scheduled to be prepared by July 30, 1993.

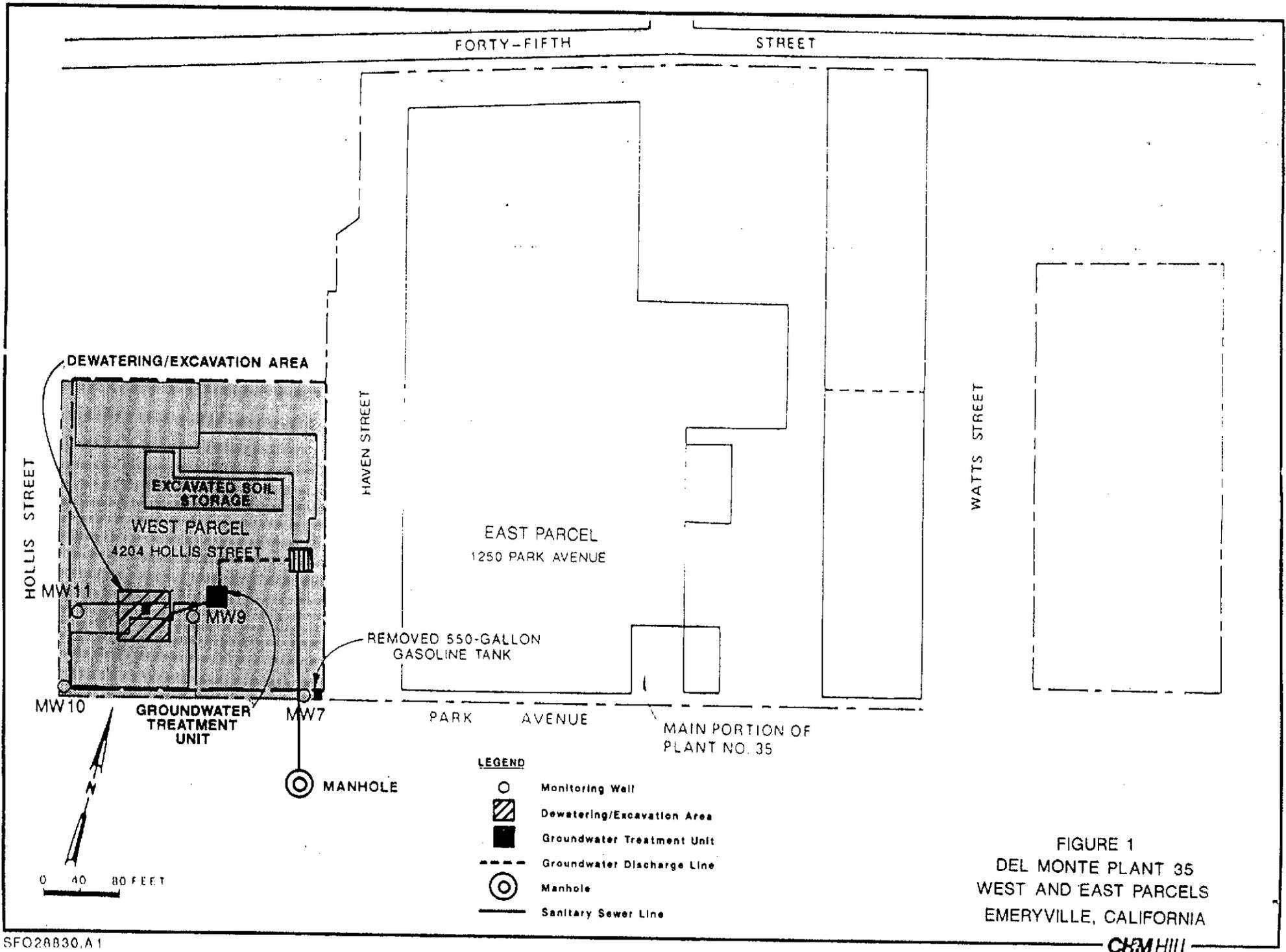


FIGURE 1  
 DEL MONTE PLANT 35  
 WEST AND EAST PARCELS  
 EMERYVILLE, CALIFORNIA

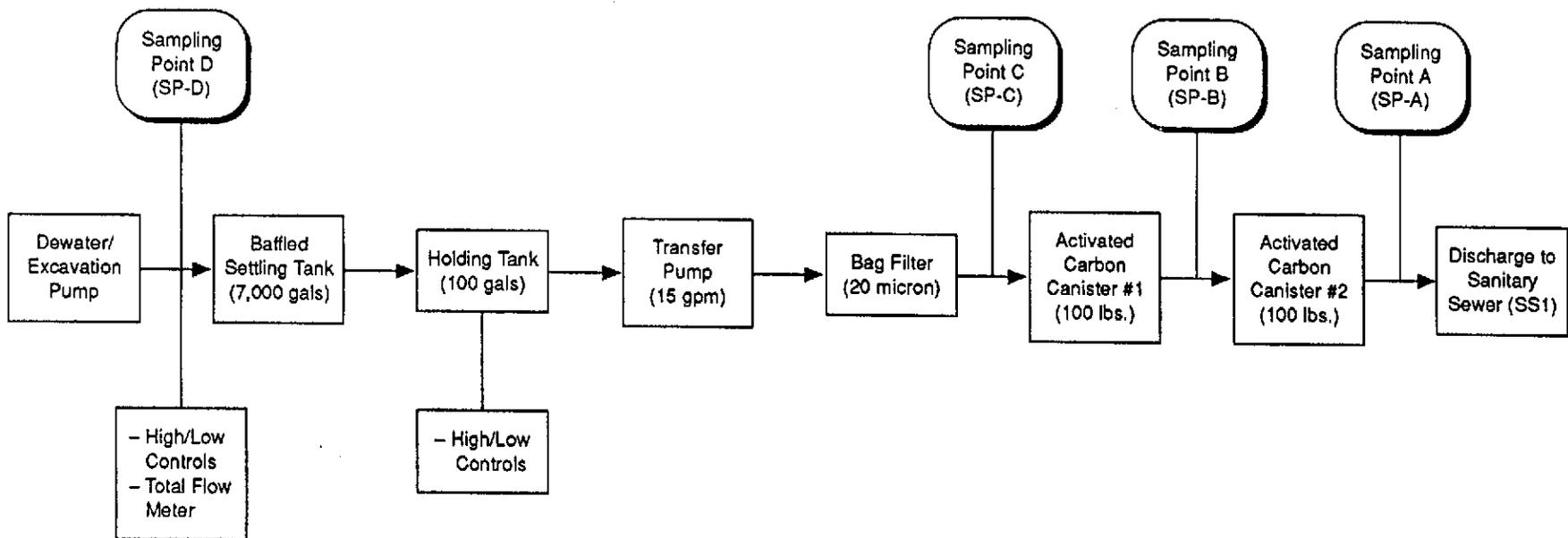


Figure 2  
Del Monte Plant 35  
Groundwater Treatment Unit

TABLE 1  
 DEL MONTE PLANT NO. 36, WEST PARCEL  
 4204 HOLLIS STREET, EMERYVILLE, CA  
 QUARTERLY GROUNDWATER MONITORING RESULTS

Monitoring Well	Sampling Date	Concentration (ug/l)						
		1,2-DCE(a)	1,1-DCE(b)	1,2-DCA(c)	TCE(d)	PCE(e)	VCI(f)	1,2-DP(g)
MW7	17-Apr-91	85.0	<0.5	<0.5	23.0	14.0	5.1	<0.5
MW7	31-Jul-91	100.0	<0.5	<0.5	29.0	19.0	5.1	<0.5
MW7	22-Oct-91	130.0	<1.0	<1.0	30.0	20.0	3.0	<1.0
MW7	23-Jan-92	100.0	<0.5	<0.5	29.0	17.0	3.1	<0.5
MW7	23-Apr-92	92.0	<0.5	<0.5	46.0	28.0	<0.5	<0.5
MW7	17-Jul-92	93.0	<0.5	<0.5	51.0	30.0	1.8	<0.5
MW7	12-Oct-92	71.0	<0.5	<0.5	39.0	28.0	2.8	<0.5
MW7	13-Jan-93	54.0	<0.5	<0.5	25.0	16.0	2.1	<0.5
MW7	30-Mar-93	65.0	<0.5	<0.5	31.0	22.0	2.5	<0.5
MW8	12-May-89	290.0	<10.0	<10.0	1400.0	20.0	78.0	<10.0
MW8	10-Jul-89	140.0	<2.5	<2.5	330.0	14.0	17.0	<2.5
MW8-dup	10-Jul-89	130.0	<2.5	<2.5	310.0	12.0	16.0	<2.5
MW8	24-Oct-89	100.0	<2.0	<2.0	330.0	24.0	4.0	<2.0
MW8	07-Feb-90	100.0	<2.0	<2.0	520.0	18.0	12.0	<2.0
MW8	10-Jul-90	5.0	<0.2	<0.5	91.0	36.0	3.0	<0.5
MW8	17-Oct-90	59.0	<1.0	<1.0	160.0	21.0	2.0	<1.0
MW8	24-Jan-91	160.0	<2.0	<5.0	450.0	13.0	9.0	27.0
MW8	17-Apr-91	210.0	<5.0	<5.0	830.0	16.0	<5.0	<5.0
MW8	31-Jul-91	85.0	<2.0	<2.0	350.0	30.0	<2.0	<2.0
MW8	22-Oct-91	40.0	<5.0	<5.0	630.0	20.0	<5.0	<5.0
MW8	23-Jan-92	160.0	<5.0	<5.0	690.0	29.0	<5.0	<5.0
MW8	23-Apr-92	130.0	<10.0	<10.0	1600.0	30.0	<10.0	<10.0
MW8	17-Jul-92	35.0	<2.0	<2.0	490.0	11.0	<2.0	<2.0
MW8	12-Oct-92	22.0	<1.0	<1.0	110.0	24.0	1.3	<1.0

**TABLE 1**  
**DEL MONTE PLANT NO. 35, WEST PARCEL**  
**4204 HOLLIS STREET, EMERYVILLE, CA**  
**QUARTERLY GROUNDWATER MONITORING RESULTS**

Monitoring Well	Sampling Date	Concentration (ug/l)						
		1,1-DCE(a)	1,1-DCE(b)	1,2-DCA(c)	TCE(d)	PCE(e)	VC(f)	1,2-DP(g)
MW8 (SP-D)	19-Jan-93	37.0	<0.5	<0.5	620.0	4.9	3.0	<0.5
MW8 (SP-D)	26-Feb-93	50.0	<0.5	<0.5	350.0	14.0	<0.5	<0.5
MW8 (SP-D)	11-Mar-93	44.9	<0.5	<0.5	130.0	25.0	<0.5	<0.5
MW8 (SP-D)	06-Apr-93	48.0	<1.0	<1.0	160.0	21.0	<1.0	<1.0
MW9	10-Jul-89	63.0	<0.5	<0.5	13.0	38.0	16.0	<0.5
MW9	24-Oct-89	6.4	<0.5	<0.5	29.0	48.0	23.0	<0.5
MW9	07-Feb-90	55.0	<0.5	<0.5	15.0	30.0	7.1	<0.5
MW9	10-Jul-90	3.0	<0.2	<0.5	9.0	43.0	10.0	<0.5
MW9	17-Oct-90	70.0	<0.5	<0.5	14.0	32.0	4.6	<0.5
MW9	24-Jan-91	70.0	<2.0	<2.0	220.0	23.0	<2.0	<2.0
MW9	17-Apr-91	44.0	<0.5	<0.5	12.0	26.0	<0.5	<0.5
MW9	31-Jul-91	55.0	<0.5	<0.5	14.0	32.0	2.3	<0.5
MW9	22-Oct-91	71.0	<0.5	<0.5	15.0	33.0	2.8	<0.5
MW9	23-Jan-92	64.0	<0.5	<0.5	10.0	27.0	2.1	<0.5
MW9	23-Apr-92	22.0	<0.5	<0.5	11.0	29.0	<0.5	<0.5
MW9	17-Jul-92	26.0	<0.5	<0.5	13.0	32.0	<0.5	<0.5
MW9	12-Oct-92	41.0	<0.5	<0.5	17.0	36.0	3.0	<0.5
MW9	13-Jan-93	22.0	<0.5	<0.5	7.9	17.0	1.4	<0.5
MW9	30-Mar-93	26.0	<0.5	<0.5	9.6	22.0	2.1	<0.5

TABLE 1  
 DEL MONTE PLANT NO. 35, WEST PARCEL  
 4204 HOLLIS STREET, EMERYVILLE, CA  
 QUARTERLY GROUNDWATER MONITORING RESULTS

Monitoring Well	Sampling Date	Concentration (ug/l)						
		1,2-DCE(a)	1,1-DCE(b)	1,1-DCA(c)	TCE(d)	PCE(e)	VC(f)	1,2-DP(g)
MW10	10-Jul-89	85.0	0.8	<0.5	27.0	42.0	28.0	<0.5
MW10	24-Oct-89	104.8	<0.5	<0.5	37.0	28.0	6.9	<0.5
MW10	07-Feb-90	50.0	<0.5	<0.5	11.0	8.0	5.3	<0.5
MW10	10-Jul-90	9.0	<0.2	<0.5	30.0	76.0	54.0	<0.5
MW10-dup	10-Jul-90	10.0	5.0	<0.5	28.0	69.0	17.0	<0.5
MW10	17-Oct-90	140.0	<0.5	<0.5	35.0	37.0	13.0	<0.5
MW10	24-Jan-91	65.0	<0.5	<0.5	14.0	31.0	3.3	<0.5
MW10	17-Apr-91	210.0	<2.0	<2.0	48.0	52.0	10.0	<2.0
MW10	31-Jul-91	280.0	<2.0	<2.0	66.0	14.0	2.0	<2.0
MW10	22-Oct-91	160.0	<1.0	<1.0	40.0	40.0	5.0	<1.0
MW10	23-Jan-92	240.0	<2.0	<2.0	46.0	54.0	10.0	<2.0
MW10	23-Apr-92	210.0	<2.0	<2.0	89.0	110.0	<2.0	<2.0
MW10	17-Jul-92	180.0	<1.0	<1.0	78.0	82.0	15.0	<1.0
MW10	12-Oct-92	110.0	<1.0	<1.0	45.0	46.0	11.0	<1.0
MW10	13-Jan-93	190.0	<1.0	<1.0	78.0	110.0	19.0	<1.0
MW10	30-Mar-93	26.0	<0.5	<0.5	15.0	18.0	0.7	<0.5

**TABLE 1**  
**DEL MONTE PLANT NO. 36, WEST PARCEL**  
**4204 HOLLIS STREET, EMERYVILLE, CA**  
**QUARTERLY GROUNDWATER MONITORING RESULTS**

Monitoring Well	Sampling Date	Concentration (ug/l)						
		1,2-DCE(a)	1,1-DCE(b)	1,2-DCA(c)	TCE(d)	PCE(e)	VC(f)	1,2-DP(g)
MW11	10-Jul-89	73.0	<1.0	4.0	160.0	12.0	16.0	5.7
MW11	24-Oct-89	188.0	<2.0	10.0	410.0	15.0	22.0	20.0
MW11	07-Feb-90	105.0	<2.0	2.0	270.0	8.0	11.0	13.0
MW11	10-Jul-90	4.0	<2.0	23.0	46.0	18.0	15.0	<0.5
MW11	17-Oct-90	150.0	<2.0	11.0	300.0	8.0	<2.0	31.0
MW11	24-Jan-91	120.0	<1.0	<1.0	29.0	29.0	3.0	<1.0
MW11	17-Apr-91	100.0	<1.0	14.0	160.0	12.0	5.0	29.0
MW11	31-Jul-91	250.0	<2.0	<2.0	61.0	65.0	12.0	2.0
MW11	22-Oct-91	180.0	<2.0	5.0	560.0	20.0	5.0	30.0
MW11	23-Jan-92	160.0	<2.0	13.0	290.0	19.0	<2.0	21.0
MW11	23-Apr-92	30.0	<1.0	9.0	120.0	13.0	<1.0	14.0
MW11	17-Jul-92	26.0	<0.5	1.4	81.0	<0.5	<0.5	3.5
MW11	12-Oct-92	63.0	<3.0	4.4	450.0	16.0	5.2	17.0
MW11	13-Jan-93	29.0	<1.0	2.2	140.0	13.0	3.2	6.4
MW11	30-Mar-93	17.0	<0.5	<0.5	55.0	10.0	1.6	5.1

**WATER QUALITY STANDARDS**

Primary MCL	---	6	0.5	5	5	0.5	5
Cancer Risk	---	0.033	0.94	2.7	0.8	2	---
AATC (Freshwater)	23200	11600	118000	45000	5280	---	23000

a. total 1,2-Dichloroethene\*

b. 1,1-Dichloroethene

c. 1,2-Dichloroethene

d. Trichloroethene

e. Tetrachloroethene

\* Sum of cis-1,2-Dichloroethene and trans-1,2-Dichloroethene

f. Vinyl chloride

g. 1,2-Dichloropropane

**TABLE 2**  
**GROUNDWATER TREATMENT SYSTEM MONITORING RESULTS**  
**DEL MONTE PLANT 35**  
**EMERYVILLE, CALIFORNIA**

Sample Port	Date	Concentrations (ug/l)							
		B	T	E	X	PCE	TCE	VC	1,2-DCE
SP-A	01/14/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A	01/19/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A*	01/19/93	<0.5	<1.0	<1.0	<1.0	<1.0	<0.6	<1.0	<0.6
SP-A	01/27/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A	02/26/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A*	03/22/93	<0.5	<1.0	<1.0	<1.0	<1.0	<0.6	<1.0	<0.6
SP-A	04/06/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9
SP-B	01/14/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-B	01/19/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-B	01/27/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-B	02/26/93	<0.5	<0.5	<0.5	<0.5	5.9	<0.5	<0.5	<0.5
SP-B	04/06/93	<0.5	<0.5	<0.5	<0.5	<0.5	11	<0.5	27

NA = Not Analyzed

SP-A\* = Sample collected by East Bay Municipal Utility District

B - benzene, T - toluene, E - ethylbenzene, X - xylenes

PCE - perchloroethylene

TCE - trichloroethylene

VC - vinyl chloride

1,2-DCE - 1,2-Dichloroethylene (Total)

**TABLE 2**  
**GROUNDWATER TREATMENT SYSTEM MONITORING RESULTS**  
**DEL MONTE PLANT 35**  
**EMERYVILLE, CALIFORNIA**

Sample Port	Date	Concentrations (ug/l)							
		B	T	E	X	PCE	TCE	VC	1,2-DCE
SP-C	01/14/93	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5
SP-C	01/19/93	<0.5	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5
SP-C	01/27/93	<0.5	<0.5	<0.5	<0.5	6.6	250	<0.5	19
SP-C	02/26/93	<0.5	<0.5	<0.5	<0.5	12	220	<0.5	36
SP-C	03/11/93	NA	NA	NA	NA	17	100	<0.5	37
SP-C	04/06/93	<0.5	<0.5	<0.5	<0.5	13	130	<1.0	34
SP-D	01/14/93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-D	01/19/93	<0.5	<0.5	<0.5	<0.5	4.9	620	3.0	37
SP-D	02/26/93	<0.5	<0.5	<0.5	<0.5	14	350	<0.5	50
SP-D	03/11/93	NA	NA	NA	NA	25	130	<0.5	44.9
SP-D	04/06/93	NA	NA	NA	NA	21	160	<1.0	48

NA = Not Analyzed

SP-A\* = Sample collected by East Bay Municipal Utility District

B - benzene, T - toluene, E - ethylbenzene, X - xylenes

PCE - perchloroethylene

TCE - trichloroethylene

VC - vinyl chloride

1,2-DCE - 1,2-Dichloroethylene (Total)

**ATTACHMENT A**

**Monitoring Well Laboratory Report**

# ANALYTICAL REPORT

## BC Analytical

1255 Powell Street  
Emeryville, CA 94608  
510/428-2300  
Fax: 510/547-3643

LOG NO: E93-03-766

Received: 30 MAR 93

Mailed: MAR 15 1993

Mr. Bern Baumgartner  
CH2M Hill  
1111 Broadway, Suite 1200  
Oakland, California 94607-4046

### REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED			
03-766-1	Groundwater MW-9	30 MAR 93			
03-766-2	Groundwater MW-7	30 MAR 93			
03-766-3	Groundwater MW-10	30 MAR 93			
03-766-4	Groundwater MW-11	30 MAR 93			
PARAMETER		03-766-1	03-766-2	03-766-3	03-766-4
<b>Halocarbons (EPA 601)</b>					
Date Analyzed		04.06.93	04.05.93	04.06.93	04.06.93
Confirmation Date		04.06.93	04.05.93	04.06.93	04.06.93
Dilution Factor, Times		1	1	1	1
1,1,1-Trichloroethane, ug/L		<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane, ug/L		<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane, ug/L		<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane, ug/L		<0.5	<0.5	<0.5	2.9
1,1-Dichloroethene, ug/L		<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane, ug/L		<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene, ug/L		<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethene (Total), ug/L		26	65	28	17
1,2-Dichloropropane, ug/L		<0.5	<0.5	<0.5	5.1
1,3-Dichlorobenzene, ug/L		<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene, ug/L		<0.5	<0.5	<0.5	<0.5
2-Chloroethylvinylether, ug/L		<0.5	<0.5	<0.5	<0.5
Bromodichloromethane, ug/L		<0.5	<0.5	<0.5	<0.5
Bromomethane, ug/L		<0.5	<0.5	<0.5	<0.5
Bromoform, ug/L		<0.5	<0.5	<0.5	<0.5
Chlorobenzene, ug/L		<0.5	<0.5	<0.5	<0.5
Carbon Tetrachloride, ug/L		<0.5	<0.5	<0.5	<0.5
Chloroethane, ug/L		<0.5	<0.5	<0.5	<0.5
Chloroform, ug/L		<0.5	<0.5	4.3	<0.5
Chloromethane, ug/L		<0.5	<0.5	<0.5	<0.5
Dibromochloromethane, ug/L		<0.5	<0.5	<0.5	<0.5

# BC Analytical

1255 Powell Street  
Emeryville, CA 94608  
510/428-2300  
Fax: 510/547-3643

LOG NO: E93-03-766

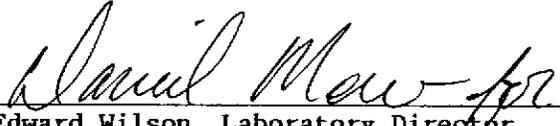
Received: 30 MAR 93

Mr. Bern Baumgartner  
CH2M Hill  
1111 Broadway, Suite 1200  
Oakland, California 94607-4046

## REPORT OF ANALYTICAL RESULTS

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LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED			
03-766-1	Groundwater MW-9	30 MAR 93			
03-766-2	Groundwater MW-7	30 MAR 93			
03-766-3	Groundwater MW-10	30 MAR 93			
03-766-4	Groundwater MW-11	30 MAR 93			
PARAMETER	03-766-1	03-766-2	03-766-3	03-766-4	
Dichlorodifluoromethane, ug/L	<0.5	<0.5	<0.5	<0.5	
Freon 113, ug/L	<1	<1	<1	<1	
Methylene chloride, ug/L	<0.5	<0.5	<0.5	<0.5	
Trichloroethene, ug/L	9.6	31	15	55	
Trichlorofluoromethane, ug/L	<0.5	<0.5	<0.5	<0.5	
Tetrachloroethene, ug/L	22	22	18	10	
Vinyl chloride, ug/L	2.1	2.5	0.66	1.6	
cis-1,2-Dichloroethene, ug/L	24	60	26	16	
cis-1,3-Dichloropropene, ug/L	<0.5	<0.5	<0.5	<0.5	
trans-1,2-Dichloroethene, ug/L	2.0	5.2	1.7	0.91	
trans-1,3-Dichloropropene, ug/L	<0.5	<0.5	<0.5	<0.5	

  
Edward Wilson, Laboratory Director

## 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 twenty samples or less, of similar matrix type, prepped together or analyzed together if no sample preparation is required, under the same conditions and with the same reagents. The batch must include a method blank, LCS and matrix QC.
Laboratory Control Standard (LCS)	A blank that is spiked with a known amount of analyte and subjected to the same procedures as the samples. The LCS indicates the accuracy of the analytical method. It also serves to double-check the calibration because it is prepared from a different source than the standard used to calibrate the instrument.
Matrix QC	Quality control tests performed on actual client samples. The matrix spike is a client’s sample spiked with known compounds and subjected to the same procedures as the samples. For most analyses, the laboratory performs matrix spikes in duplicate (duplicate spikes).
Method Blank	A sample that contains no analyte. For water analysis, organic-free or deionized water is used. For solids analysis, analyte-free solvent is used. The method blank serves to measure contamination associated with laboratory storage, preparation or instrumentation.
Batch Number	Numeric designation for a batch of samples and the associated QC. The batch number sequence is unique for each determination.
LC Result	Laboratory result of an LCS analysis
LT Result	Expected result, or true value, of the LCS analysis
Percent Recovery	The percentage of analyte recovered. For LCS, the percent recovery is: $LC/LT \times 100$
LC1, LC2 Result	Result of analyzing two separately prepared LCSs, with LC1 indicating one LCS and LC2 indicating the second LCS; used to determine precision.
R1, R2 Result	Result of analyzing 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.
Relative Percent Difference (RPD)	Calculated using one of the following: $\frac{(R1 - R2) \times 100}{(R1 + R2) \div 2} \quad \frac{(S1 - S2) \times 100}{(S1 + S2) \div 2} \quad \frac{(LC1 - LC2) \times 100}{(LC1 + LC2) \div 2}$
S1, S2 Recovery	The percentage of analyte recovered. The percent recovery calculation is: S1 Recovery: $\frac{(S1 - R1) \times 100}{(True - R1)}$ S2 Recovery: $\frac{(S2 - R1) \times 100}{(True - R1)}$
True value	The theoretical, or expected, result of a spike sample analysis.
Blank Result	Laboratory result of analysis of the method blank.
RDL (Reporting Detection Limit)	BCA–assigned limit based on, but not the same as, method detection limits (MDLs) determined using EPA guidelines. Sample RDLs may differ from the blank RDL if the samples were diluted.

: ORDER PLACED FOR CLIENT: CH2M Hill 9303766 :  
: BC ANALYTICAL : EMVL LAB : 09:10:41 12 APR 1993 - P. 1 :  
=====

SAMPLES.....	SAMPLE DESCRIPTION..	DETERM.....	DATE....	METHOD.....	EQUIP.	BATCH	ID.NO
			ANALYZED				
9303766*1	Groundwater MW-9	VH.601	04.06.93	601	516-21	93117	7038
9303766*2	Groundwater MW-7	VH.601	04.05.93	601	516-21	93116	7038
9303766*3	Groundwater MW-10	VH.601	04.06.93	601	516-21	93117	7038
9303766*4	Groundwater MW-11	VH.601	04.06.93	601	516-21	93117	7038

\*\*\*

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

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## LABORATORY CONTROL STANDARDS

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
Halocarbons (EPA 601)						
1,1,1-Trichloroethane	04.06.93	93117	21.5	20.0	ug/L	108
1,1,2,2-Tetrachloroethane	04.06.93	93117	23.4	20.0	ug/L	117
1,1,2-Trichloroethane	04.06.93	93117	24.3	20.0	ug/L	122
1,1-Dichloroethane	04.06.93	93117	24.0	20.0	ug/L	120
1,1-Dichloroethene	04.06.93	93117	27.8	20.0	ug/L	139
1,2-Dichloroethane	04.06.93	93117	23.3	20.0	ug/L	117
1,2-Dichlorobenzene	04.06.93	93117	22.4	20.0	ug/L	112
1,2-Dichloroethene (Total)	04.06.93	93117	47.3	40.0	ug/L	118
1,2-Dichloropropane	04.06.93	93117	21.9	20.0	ug/L	110
1,3-Dichlorobenzene	04.06.93	93117	21.7	20.0	ug/L	109
1,4-Dichlorobenzene	04.06.93	93117	23.2	20.0	ug/L	116
2-Chloroethylvinylether	04.06.93	93117	22.1	20.0	ug/L	111
Bromodichloromethane	04.06.93	93117	21.5	20.0	ug/L	108
Bromomethane	04.06.93	93117	24.7	20.0	ug/L	124
Bromoform	04.06.93	93117	22.8	20.0	ug/L	114
Chlorobenzene	04.06.93	93117	20.9	20.0	ug/L	105
Carbon Tetrachloride	04.06.93	93117	21.3	20.0	ug/L	107
Chloroethane	04.06.93	93117	27.1	20.0	ug/L	136
Chloroform	04.06.93	93117	22.3	20.0	ug/L	112
Chloromethane	04.06.93	93117	27.5	20.0	ug/L	138
Dibromochloromethane	04.06.93	93117	22.1	20.0	ug/L	111
Dichlorodifluoromethane	04.06.93	93117	24.8	20.0	ug/L	124
Freon 113	04.06.93	93117	31.9	20.0	ug/L	160
Methylene chloride	04.06.93	93117	28.7	20.0	ug/L	144
Trichloroethene	04.06.93	93117	22.1	20.0	ug/L	111
Trichlorofluoromethane	04.06.93	93117	27.2	20.0	ug/L	136
Tetrachloroethene	04.06.93	93117	23.0	20.0	ug/L	115
Vinyl chloride	04.06.93	93117	26.7	20.0	ug/L	134
cis-1,2-Dichloroethene	04.06.93	93117	21.3	20.0	ug/L	107
cis-1,3-Dichloropropene	04.06.93	93117	20.3	18.9	ug/L	107
trans-1,2-Dichloroethene	04.06.93	93117	26.0	20.0	ug/L	130
trans-1,3-Dichloropropene	04.06.93	93117	22.5	21.1	ug/L	107
Halocarbons (EPA 601)						
1,1,1-Trichloroethane	04.05.93	93116	23.8	20.0	ug/L	119
1,1,2,2-Tetrachloroethane	04.05.93	93116	24.5	20.0	ug/L	123
1,1,2-Trichloroethane	04.05.93	93116	25.3	20.0	ug/L	127

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## LABORATORY CONTROL STANDARDS

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
1,1-Dichloroethane	04.05.93	93116	24.2	20.0	ug/L	121
1,1-Dichloroethene	04.05.93	93116	31.6	20.0	ug/L	158
1,2-Dichloroethane	04.05.93	93116	25.0	20.0	ug/L	125
1,2-Dichlorobenzene	04.05.93	93116	24.1	20.0	ug/L	121
1,2-Dichloroethene (Total)	04.05.93	93116	56.8	40.0	ug/L	142
1,2-Dichloropropane	04.05.93	93116	23.6	20.0	ug/L	118
1,3-Dichlorobenzene	04.05.93	93116	23.6	20.0	ug/L	118
1,4-Dichlorobenzene	04.05.93	93116	25.4	20.0	ug/L	127
2-Chloroethylvinylether	04.05.93	93116	22.7	20.0	ug/L	114
Bromodichloromethane	04.05.93	93116	23.3	20.0	ug/L	117
Bromomethane	04.05.93	93116	24.5	20.0	ug/L	123
Bromoform	04.05.93	93116	23.8	20.0	ug/L	119
Chlorobenzene	04.05.93	93116	21.7	20.0	ug/L	109
Carbon Tetrachloride	04.05.93	93116	23.2	20.0	ug/L	116
Chloroethane	04.05.93	93116	26.6	20.0	ug/L	133
Chloroform	04.05.93	93116	24.0	20.0	ug/L	120
Chloromethane	04.05.93	93116	26.7	20.0	ug/L	134
Dibromochloromethane	04.05.93	93116	23.8	20.0	ug/L	119
Dichlorodifluoromethane	04.05.93	93116	23.1	20.0	ug/L	116
Freon 113	04.05.93	93116	35.0	20.0	ug/L	175
Methylene chloride	04.05.93	93116	30.5	20.0	ug/L	153
Trichloroethene	04.05.93	93116	23.5	20.0	ug/L	118
Trichlorofluoromethane	04.05.93	93116	30.5	20.0	ug/L	153
Tetrachloroethene	04.05.93	93116	25.0	20.0	ug/L	125
Vinyl chloride	04.05.93	93116	27.8	20.0	ug/L	139
cis-1,2-Dichloroethene	04.05.93	93116	22.5	20.0	ug/L	113
cis-1,3-Dichloropropene	04.05.93	93116	21.6	18.9	ug/L	114
trans-1,2-Dichloroethene	04.05.93	93116	34.3	20.0	ug/L	172
trans-1,3-Dichloropropene	04.05.93	93116	23.3	21.1	ug/L	110

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## MATRIX QC PRECISION (DUPLICATE SPIKES)

PARAMETER	DATE ANALYZED	BATCH NUMBER	S1 RESULT	S2 RESULT	UNIT	RELATIVE ZDIFF
EPA Method 8010						
1,1,1-Trichloroethane	04.06.93	93117	22.6	21.8	ug/L	4
1,1-Dichloroethane	04.06.93	93117	19.9	21.6	ug/L	8
1,1-Dichloroethene	04.06.93	93117	27.6	26.4	ug/L	4
1,2-Dichloroethane	04.06.93	93117	22.9	22.8	ug/L	0
1,2-Dichloroethene (Total)	04.06.93	93117	21.6	21.7	ug/L	0
1,2-Dichloropropane	04.06.93	93117	23.3	21.6	ug/L	8
Bromodichloromethane	04.06.93	93117	22.5	21.3	ug/L	5
Bromoform	04.06.93	93117	21.4	22.8	ug/L	6
Carbon Tetrachloride	04.06.93	93117	22.0	21.3	ug/L	3
Chloroform	04.06.93	93117	22.5	22.4	ug/L	0
Dibromochloromethane	04.06.93	93117	22.2	22.3	ug/L	0
Methylene chloride	04.06.93	93117	27.6	26.8	ug/L	3
Trichloroethene	04.06.93	93117	32.4	30.6	ug/L	6
Tetrachloroethene	04.06.93	93117	24.8	23.1	ug/L	7
cis-1,2-Dichloroethene	04.06.93	93117	21.6	21.7	ug/L	0
Halocarbons (EPA 601)						
1,1,1-Trichloroethane	04.05.93	93116	24.4	21.6	ug/L	12
1,1-Dichloroethane	04.05.93	93116	24.4	21.1	ug/L	15
1,1-Dichloroethene	04.05.93	93116	30.1	26.4	ug/L	13
1,2-Dichloroethane	04.05.93	93116	26.9	23.2	ug/L	15
1,2-Dichloropropane	04.05.93	93116	25.2	21.7	ug/L	15
Bromodichloromethane	04.05.93	93116	24.3	20.8	ug/L	16
Bromoform	04.05.93	93116	24.4	21.2	ug/L	14
Carbon Tetrachloride	04.05.93	93116	23.8	21.1	ug/L	12
Chloroform	04.05.93	93116	26.1	22.5	ug/L	15
Dibromochloromethane	04.05.93	93116	25.5	22.0	ug/L	15
Methylene chloride	04.05.93	93116	31.6	27.3	ug/L	15
Trichloroethene	04.05.93	93116	50.0	44.3	ug/L	12
Tetrachloroethene	04.05.93	93116	43.8	38.8	ug/L	12

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MATRIX QC ACCURACY (SPIKES)

PARAMETER	DATE ANALYZED	BATCH NUMBER	SBAR RESULT	TRUE RESULT	RBAR RESULT	PERCENT UNIT RECOVERY
EPA Method 8010						
1,1,1-Trichloroethane	04.06.93	93117	22.2	20.9	0.94	ug/L 107
1,1-Dichloroethane	04.06.93	93117	20.75	20.0	<0.5	ug/L 104
1,1-Dichloroethene	04.06.93	93117	27	20.7	0.66	ug/L 131
1,2-Dichloroethane	04.06.93	93117	22.85	20.0	<0.5	ug/L 114
1,2-Dichloroethene (Total)	04.06.93	93117	21.65	21.1	0.79	ug/L 103
1,2-Dichloropropane	04.06.93	93117	22.45	20.0	<0.5	ug/L 112
Bromodichloromethane	04.06.93	93117	21.9	20.0	<0.5	ug/L 110
Bromoform	04.06.93	93117	22.1	20.0	<0.5	ug/L 111
Carbon Tetrachloride	04.06.93	93117	21.65	20.0	<0.5	ug/L 108
Chloroform	04.06.93	93117	22.45	20.0	<0.5	ug/L 112
Dibromochloromethane	04.06.93	93117	22.25	20.0	<0.5	ug/L 111
Methylene chloride	04.06.93	93117	27.2	20.0	<0.5	ug/L 136
Trichloroethene	04.06.93	93117	31.5	30.0	10	ug/L 108
Tetrachloroethene	04.06.93	93117	23.95	20.0	<0.5	ug/L 120
cis-1,2-Dichloroethene	04.06.93	93117	21.65	21.1	0.79	ug/L 103
Halocarbons (EPA 601)						
1,1,1-Trichloroethane	04.05.93	93116	23	20.0	<0.5	ug/L 115
1,1-Dichloroethane	04.05.93	93116	22.75	20.0	<0.5	ug/L 114
1,1-Dichloroethene	04.05.93	93116	28.25	20.0	<0.5	ug/L 141
1,2-Dichloroethane	04.05.93	93116	25.05	20.0	<0.5	ug/L 125
1,2-Dichloropropane	04.05.93	93116	23.45	20.0	<0.5	ug/L 117
Bromodichloromethane	04.05.93	93116	22.55	20.0	<0.5	ug/L 113
Bromoform	04.05.93	93116	22.8	20.0	<0.5	ug/L 114
Carbon Tetrachloride	04.05.93	93116	22.45	20.0	<0.5	ug/L 112
Chloroform	04.05.93	93116	24.3	20.0	<0.5	ug/L 122
Dibromochloromethane	04.05.93	93116	23.75	20.0	<0.5	ug/L 119
Methylene chloride	04.05.93	93116	29.45	20.0	<0.5	ug/L 147
Trichloroethene	04.05.93	93116	47.15	51.0	31	ug/L 81
Tetrachloroethene	04.05.93	93116	41.3	42.0	22	ug/L 97

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METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
<b>Halocarbons (EPA 601)</b>						
Date Analyzed	04.06.93	93117	04.06.93	NA	Date	601
1,1,1-Trichloroethane	04.06.93	93117	0	0.5	ug/L	601
1,1,2,2-Tetrachloroethane	04.06.93	93117	0	0.5	ug/L	601
1,1,2-Trichloroethane	04.06.93	93117	0	0.5	ug/L	601
1,1-Dichloroethane	04.06.93	93117	0	0.5	ug/L	601
1,1-Dichloroethene	04.06.93	93117	0	0.5	ug/L	601
1,2-Dichloroethane	04.06.93	93117	0	0.5	ug/L	601
1,2-Dichlorobenzene	04.06.93	93117	0	0.5	ug/L	601
1,2-Dichloroethene (Total)	04.06.93	93117	0	0.5	ug/L	601
1,2-Dichloropropane	04.06.93	93117	0	0.5	ug/L	601
1,3-Dichlorobenzene	04.06.93	93117	0	0.5	ug/L	601
1,4-Dichlorobenzene	04.06.93	93117	0	0.5	ug/L	601
2-Chloroethylvinylether	04.06.93	93117	0	0.5	ug/L	601
Bromodichloromethane	04.06.93	93117	0	0.5	ug/L	601
Bromomethane	04.06.93	93117	0	0.5	ug/L	601
Bromoform	04.06.93	93117	0	0.5	ug/L	601
Chlorobenzene	04.06.93	93117	0	0.5	ug/L	601
Carbon Tetrachloride	04.06.93	93117	0	0.5	ug/L	601
Chloroethane	04.06.93	93117	0	0.5	ug/L	601
Chloroform	04.06.93	93117	0	0.5	ug/L	601
Chloromethane	04.06.93	93117	0	0.5	ug/L	601
Dibromochloromethane	04.06.93	93117	0	0.5	ug/L	601
Dichlorodifluoromethane	04.06.93	93117	0	0.5	ug/L	601
Freon 113	04.06.93	93117	0	1	ug/L	601
Methylene chloride	04.06.93	93117	0	0.5	ug/L	601
Trichloroethene	04.06.93	93117	0	0.5	ug/L	601
Trichlorofluoromethane	04.06.93	93117	0	0.5	ug/L	601
Tetrachloroethene	04.06.93	93117	0	0.5	ug/L	601
Vinyl chloride	04.06.93	93117	0	0.5	ug/L	601
cis-1,2-Dichloroethene	04.06.93	93117	0	0.5	ug/L	601
cis-1,3-Dichloropropene	04.06.93	93117	0	0.5	ug/L	601
trans-1,2-Dichloroethene	04.06.93	93117	0	0.5	ug/L	601
trans-1,3-Dichloropropene	04.06.93	93117	0	0.5	ug/L	601
<b>Halocarbons (EPA 601)</b>						
Date Analyzed	04.05.93	93116	04.05.93	NA	Date	601
1,1,1-Trichloroethane	04.05.93	93116	0	0.5	ug/L	601

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## METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
1,1,2,2-Tetrachloroethane	04.05.93	93116	0	0.5	ug/L	601
1,1,2-Trichloroethane	04.05.93	93116	0	0.5	ug/L	601
1,1-Dichloroethane	04.05.93	93116	0	0.5	ug/L	601
1,1-Dichloroethene	04.05.93	93116	0	0.5	ug/L	601
1,2-Dichloroethane	04.05.93	93116	0	0.5	ug/L	601
1,2-Dichlorobenzene	04.05.93	93116	0	0.5	ug/L	601
1,2-Dichloroethene (Total)	04.05.93	93116	0	0.5	ug/L	601
1,2-Dichloropropane	04.05.93	93116	0	0.5	ug/L	601
1,3-Dichlorobenzene	04.05.93	93116	0	0.5	ug/L	601
1,4-Dichlorobenzene	04.05.93	93116	0	0.5	ug/L	601
2-Chloroethylvinylether	04.05.93	93116	0	0.5	ug/L	601
Bromodichloromethane	04.05.93	93116	0	0.5	ug/L	601
Bromomethane	04.05.93	93116	0	0.5	ug/L	601
Bromoform	04.05.93	93116	0	0.5	ug/L	601
Chlorobenzene	04.05.93	93116	0	0.5	ug/L	601
Carbon Tetrachloride	04.05.93	93116	0	0.5	ug/L	601
Chloroethane	04.05.93	93116	0	0.5	ug/L	601
Chloroform	04.05.93	93116	0	0.5	ug/L	601
Chloromethane	04.05.93	93116	0	0.5	ug/L	601
Dibromochloromethane	04.05.93	93116	0	0.5	ug/L	601
Dichlorodifluoromethane	04.05.93	93116	0	0.5	ug/L	601
Freon 113	04.05.93	93116	0	1	ug/L	601
Methylene chloride	04.05.93	93116	0	0.5	ug/L	601
Trichloroethene	04.05.93	93116	0	0.5	ug/L	601
Trichlorofluoromethane	04.05.93	93116	0	0.5	ug/L	601
Tetrachloroethene	04.05.93	93116	0	0.5	ug/L	601
Vinyl chloride	04.05.93	93116	0	0.5	ug/L	601
cis-1,2-Dichloroethene	04.05.93	93116	0	0.5	ug/L	601
cis-1,3-Dichloropropene	04.05.93	93116	0	0.5	ug/L	601
trans-1,2-Dichloroethene	04.05.93	93116	0	0.5	ug/L	601
trans-1,3-Dichloropropene	04.05.93	93116	0	0.5	ug/L	601

CHAIN OF CUSTODY RECORD

Baumgartner

BCA Log Number 4505110014

Client name <del>CHZM Hill</del> CHZM Hill			Project or PO#			Analyses required															
Address CHZM Hill 1111 Broadway Suite 1200			Phone # 257-2426 x218			<div style="border: 1px solid black; padding: 5px; transform: rotate(-45deg); display: inline-block;">                 601                  Hazardous sample                  Special handling required             </div>															
City, State, Zip Oakland CA. 94607			Report attention Bern Baumgartner																		
Lab Sample number	Date sampled	Time sampled	Type* See key below	Sampled by Ken Lewis	Number of containers											Remarks					
	Sample description																				
1	3/30/93	11:00		Groundwater MW-9	4	X															
2	3/30/93	12:00		Groundwater MW-7	4	↓															
3	3/30/93	1:15		Groundwater MW-10	4	↓															
4	3/30/93	2:30		Groundwater MW-11	4	↓															

Signature	Print Name	Company	Date	Time
Relinquished by	Ken Lewis	CHZM Hill	3/30/93	3:40
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by Laboratory	BONY BALDWIN	BCA	3/30/93	15:40

**BC ANALYTICAL**  
 1255 Powell Street, Emeryville, CA 94608 (510) 428-2300  
 801 Western Avenue, Glendale, CA 91201 (818) 247-5737  
 1200 Gene Autry Way, Anaheim, CA 92805 (714) 978-0113

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.  
 Disposal arrangements: \_\_\_\_\_

\*KEY: WW—Wastewater SU—Surface Water SO—Sog  
 SL—Sludge PE—Petroleum OT—Other  
 NA—Nonaqueous GW—Groundwater AQ—Aqueous

**ATTACHMENT B**

**GET System Laboratory Reports**

NOTIFICATION OF TEST RESULTS



RECEIVED

MICHAEL J. WALLIS  
DIRECTOR OF WASTEWATER

FEB 24 1993

CH2M HILL  
SAN FRANCISCO

February 19, 1993

Del Monte Plant 35  
c/o CH2M HILL  
1111 Broadway Suite 1200  
Oakland, CA 94607-4046

Sample Location: SS No. 1  
Lab Number: 930119153  
Sample Type: Grab @ 1413

Attention: Mr. Bern Baumgartner

Account No. 502-65111

EBMUD inspected your facility and sampled the wastewater discharged on January 19, 1993. The test results and corresponding discharge permit limitations are shown in the table below. No discharge limit violations were noted.

<u>Parameter</u>	<u>Test Result</u> mg/L	<u>Limitation</u> mg/L
Benzene	< 0.0005	0.005
Toluene	< 0.001	0.012
Ethylbenzene	< 0.001	0.005
Xylenes	< 0.001	0.011

If you have any questions regarding the inspection or the sample results, please contact me at (510)287-0333.

Sincerely,

Stan Archacki  
Wastewater Control Representative  
Source Control Division

SAA:saa

Attachments

cc:Mr. Mark Rosenquist  
Del Monte Corporation  
205 N. Wiget Lane  
Walnut Creek, CA 94598

EBMUD LAB RESULTS

16-Feb-1993

Page 1

Account No.: -  
 Lab Number : 93 01 19 153  
 Sample Type: Grab

Station Name: DEL35  
 Side Sewer : 1

ACROLEIN	<	5.000	ug/L
ACRYLONITRILE	<	5.000	ug/L
BENZENE	<	.500	ug/L
BROMODICHLOROMETHANE-GC/MS	<	.400	ug/L
BROMOFORM-GC/MS	<	.600	ug/L
BROMOMETHANE	<	1.000	ug/L
CARBON TETRACHLORIDE	<	.800	ug/L
CHLOROBENZENE	<	.900	ug/L
CHLOROETHANE	<	.800	ug/L
2-CHLOROETHYLVINYL ETHER	<	1.000	ug/L
CHLOROFORM	<	.300	ug/L
CHLOROMETHANE	<	1.000	ug/L
DIBROMOCHLOROMETHANE	<	.500	ug/L
1,2-DICHLOROBENZENE	<	.300	ug/L
1,3-DICHLOROBENZENE	<	.700	ug/L
1,4-DICHLOROBENZENE	<	.400	ug/L
1,1-DICHLOROETHANE	<	.400	ug/L
1,2-DICHLOROETHANE	<	1.000	ug/L
1,1-DICHLOROETHENE	<	1.000	ug/L
TRANS-1,2-DICHLOROETHENE	<	.600	ug/L
1,2-DICHLOROPROPANE	<	1.000	ug/L
CIS-1,2-DICHLOROPROPENE	<	1.000	ug/L
TRANS-1,3-DICHLOROPROPENE	<	.900	ug/L
ETHYL BENZENE	<	1.000	ug/L
METHYLENE CHLORIDE	<	1.000	ug/L
1,1,2,2-TETRACHLOROETHANE	<	.700	ug/L
✓ TETRACHLOROETHENE	<	1.000	ug/L
TOLUENE	<	1.000	ug/L
1,1,1-TRICHLOROETHANE	<	1.000	ug/L
1,1,2-TRICHLOROETHANE	<	.700	ug/L
✓ TRICHLOROETHENE	<	.600	ug/L
VINYL CHLORIDE	<	1.000	ug/L
ACETONE	<	10.000	ug/L
DIBROMOCHLOROPROPANE	<	1.000	ug/L
ETHYLENE DIBROMIDE	<	.900	ug/L
METHYLETHYL KETONE	<	10.000	ug/L
METHYL ISOBUTYL KETONE	<	2.000	ug/L
STYRENE	<	.800	ug/L
TETRAHYDROFURAN	<	20.000	ug/L
FREON 113	<	.800	ug/L
SATURATED HYDROCARBONS	<	20.000	ug/L
UNSATURATED HYDROCARBONS	<	20.000	ug/L
AROMATIC HYDROCARBONS	<	20.000	ug/L
XYLENES	<	1.000	ug/L
1,2,4-TRICHLOROBENZENE	<	.800	ug/L
FLUOROTRICHLOROMETHANE	<	.800	ug/L
DICHLORODIFLUOROMETHANE	<	.800	ug/L
M-CHLOROTOLUENE	<	.700	ug/L
DIBROMOMETHANE	<	.900	ug/L
1,3-DICHLOROPROPANE	<	1.000	ug/L
BROMOCHLOROMETHANE	<	.500	ug/L
1,2,3-TRICHLOROPROPANE	<	1.000	ug/L

## E B M U D   L A B   R E S U L T S

16-Feb-1993

Page 2

Account No.: -  
Lab Number : 93 01 19 153  
Sample Type: Grab

Station Name: DEL35  
Side Sewer : 1

1,2,3-TRICHLOROBENZENE	<	.800	ug/L
N-PROPYLBENZENE	<	1.000	ug/L
1,1,1,2-TETRACHLOROETHANE	<	.700	ug/L
PENTACHLOROETHANE	<	1.000	ug/L
BIS (2-CHLOROISOPROPYL) ETHER	<	3.000	ug/L
SEC-DICHLOROPROPANE	<	1.000	ug/L
1,2,4-TRIMETHYLBENZENE	<	1.000	ug/L
N-BUTYLBENZENE	<	1.000	ug/L
NAPHTHALENE	<	1.000	ug/L
HEXACHLOROBUTADIENE	<	.800	ug/L
P-CHLOROTOLUENE	<	.800	ug/L
1,3,5-TRIMETHYLBENZENE	<	.990	ug/L
P-ISOPROPYLTOLUENE	<	1.000	ug/L
1,1-DICHLOROPROPANE	<	1.000	ug/L
ISOPROPYLBENZENE	<	1.000	ug/L
TERT-BUTYLBENZENE	<	1.000	ug/L
SEC-BUTYLBENZENE	<	1.000	ug/L
BROMOBENZENE	<	.900	ug/L
CIS-1,2-DICHLOROETHENE	<	.600	ug/L
O-CHLOROTOLUENE	<	.600	ug/L
CARBON DISULFIDE	<	1.000	ug/L
1,1-DICHLOROPROPENE	<	.700	ug/L
ETHYL ACETATE	<	1.000	ug/L
2-HEXANONE	<	1.000	ug/L
VINYL ACETATE	<	1.000	ug/L
1,3-BUTADIENE	<	1.000	ug/L
1,4-DIOXANE	<	1,000.000	ug/L
VOLATILE REGULATED ORGANICS	<	.001	mg/L
VOLATILE CHLOR. HYDROCARBONS	<	.001	mg/L
VOA TOTAL TOXIC ORGANICS	<	.010	mg/L

## E B M U D   L A B   R E S U L T S

16-Feb-1993

Page 1

Account No.: -  
Lab Number : 93 01 19 154  
Sample Type: Grab

Station Name: TRIPQC  
Side Sewer : 1

ACROLEIN	<	5.000	ug/L
ACRYLONITRILE	<	5.000	ug/L
BENZENE	<	.500	ug/L
BROMODICHLOROMETHANE-GC/MS	<	.400	ug/L
BROMOFORM-GC/MS	<	.600	ug/L
BROMOMETHANE	<	1.000	ug/L
CARBON TETRACHLORIDE	<	.800	ug/L
CHLOROBENZENE	<	.900	ug/L
CHLOROETHANE	<	.800	ug/L
2-CHLOROETHYLVINYL ETHER	<	1.000	ug/L
CHLOROFORM	<	.300	ug/L
CHLOROMETHANE	<	1.000	ug/L
DIBROMOCHLOROMETHANE	<	.500	ug/L
1,2-DICHLOROBENZENE	<	.300	ug/L
1,3-DICHLOROBENZENE	<	.700	ug/L
1,4-DICHLOROBENZENE	<	.400	ug/L
1,1-DICHLOROETHANE	<	.400	ug/L
1,2-DICHLOROETHANE	<	1.000	ug/L
1,1-DICHLOROETHENE	<	1.000	ug/L
TRANS-1,2-DICHLOROETHENE	<	.600	ug/L
1,2-DICHLOROPROPANE	<	1.000	ug/L
CIS-1,2-DICHLOROPROPENE	<	1.000	ug/L
TRANS-1,3-DICHLOROPROPENE	<	.900	ug/L
ETHYL BENZENE	<	1.000	ug/L
METHYLENE CHLORIDE	<	1.000	ug/L
1,1,2,2-TETRACHLOROETHANE	<	.700	ug/L
TETRACHLOROETHENE	<	1.000	ug/L
TOLUENE	<	1.000	ug/L
1,1,1-TRICHLOROETHANE	<	1.000	ug/L
1,1,2-TRICHLOROETHANE	<	.700	ug/L
TRICHLOROETHENE	<	.600	ug/L
VINYL CHLORIDE	<	1.000	ug/L
ACETONE		29.000	ug/L
DIBROMOCHLOROPROPANE	<	1.000	ug/L
ETHYLENE DIBROMIDE	<	.900	ug/L
METHYLETHYL KETONE	<	10.000	ug/L
METHYL ISOBUTYL KETONE	<	2.000	ug/L
STYRENE	<	.800	ug/L
TETRAHYDROFURAN	<	20.000	ug/L
FREON 113	<	.800	ug/L
SATURATED HYDROCARBONS	<	20.000	ug/L
UNSATURATED HYDROCARBONS	<	20.000	ug/L
AROMATIC HYDROCARBONS	<	20.000	ug/L
XYLENES	<	1.000	ug/L
1,2,4-TRICHLOROBENZENE	<	.800	ug/L
FLUOROTRICHLOROMETHANE	<	.800	ug/L
DICHLORODIFLUOROMETHANE	<	.800	ug/L
M-CHLOROTOLUENE	<	.700	ug/L
DIBROMOMETHANE	<	.900	ug/L
1,3-DICHLOROPROPANE	<	1.000	ug/L
BROMOCHLOROMETHANE	<	.500	ug/L
1,2,3-TRICHLOROPROPANE	<	1.000	ug/L

## E B M U D   L A B   R E S U L T S

16-Feb-1993

Page 2

Account No.: -  
Lab Number : 93 01 19 154  
Sample Type: Grab

Station Name: TRIPQC  
Side Sewer : 1

1,2,3-TRICHLOROENZENE	<	.800	ug/L
N-PROPYLBENZENE	<	1.000	ug/L
1,1,1,2-TETRACHLOROETHANE	<	.700	ug/L
PENTACHLOROETHANE	<	1.000	ug/L
BIS (2-CHLOROISOPROPYL) ETHER	<	3.000	ug/L
SEC-DICHLOROPROPANE	<	1.000	ug/L
1,2,4-TRIMETHYLBENZENE	<	1.000	ug/L
N-BUTYLBENZENE	<	1.000	ug/L
NAPHTHALENE	<	1.000	ug/L
HEXACHLOROBUTADIENE	<	.800	ug/L
P-CHLOROTOLUENE	<	.800	ug/L
1,3,5-TRIMETHYLBENZENE	<	.990	ug/L
P-ISOPROPYLTOLUENE	<	1.000	ug/L
1,1-DICHLOROPROPANE	<	1.000	ug/L
ISOPROPYLBENZENE	<	1.000	ug/L
TERT-BUTYLBENZENE	<	1.000	ug/L
SEC-BUTYLBENZENE	<	1.000	ug/L
BROMOBENZENE	<	.900	ug/L
CIS-1,2-DICHLOROETHENE	<	.600	ug/L
O-CHLOROTOLUENE	<	.600	ug/L
CARBON DISULFIDE	<	1.000	ug/L
1,1-DICHLOROPROPENE	<	.700	ug/L
ETHYL ACETATE	<	1.000	ug/L
2-HEXANONE	<	1.000	ug/L
VINYL ACETATE	<	1.000	ug/L
1,3-BUTADIENE	<	1.000	ug/L
1,4-DIOXANE	<	1,000.000	ug/L
VOLATILE REGULATED ORGANICS	<	.029	mg/L
VOLATILE CHLOR. HYDROCARBONS	<	.001	mg/L
VOA TOTAL TOXIC ORGANICS	<	.010	mg/L

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 2, 1993

Chromalab File No.: 0193201

CH2M HILL

ATTN: Peter Schoon/Decon ~~Bern Baumgartner/Hill SPO~~

RE: Three water samples for BTEX analysis

2118

Project Name: DEL MONTE PLANT 35

Project Number: 01049 / DECON #943

Date Sampled: Jan. 27, 1993

Date Analyzed: Feb. 1, 1993

Date Submitted: Jan. 27, 1993

RESULTS:

Sample I.D.	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)
A	N.D.	N.D.	N.D.	N.D.
B	N.D.	N.D.	N.D.	N.D.
C	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	107%	113%	111%	111%
DUP SPIKE RECOVERY	107%	109%	112%	108%
DETECTION LIMIT	0.5	0.5	0.5	0.5
METHOD OF ANALYSTS	602	602	602	602

Chromalab, Inc.

*Billy Thach*  
Billy Thach  
Analytical Chemist

*Eric Tau*  
Eric Tau  
Laboratory Director

cc

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 2, 1993

ChromaLab File # 0193201

CH2M HILL  
 Baumgartner/Hill SFO

Attn: Peter Schoen/Decon & Bern

Project Name: DEL MONTE PLANT 35  
 Date Sampled: Jan. 27, 1993  
 Date Submitted: Jan. 27, 1993  
 Date of Analysis: Jan. 29, 1993  
 Sample I.D.: A

Project No: 01049 / DECON #943  
 Method of Analysis: EPA 601  
 Matrix: Water  
 Reporting Det. Limit: 0.5 µg/L  
 Dilution Factor: None

COMPOUND NAME	µg/L	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	---
METHYLENE CHLORIDE	N.D.	98% 93%
1,2-DICHLOROETHENE (TRANS)	N.D.	---
1,2-DICHLOROETHENE (CIS)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	108% 92%
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYL VINYL ETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	103% 88%
CHLOROBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	105% 93%
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---

ChromaLab, Inc.

*Mary Cappelli*  
 Mary Cappelli  
 Analytical Chemist

*[Signature]*  
 Eric Tam  
 Laboratory Director

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 2, 1993

ChromaLab File # 0193201

CH2M HILL  
 Baumgartner/Hill SFO

Attn: Peter Schoen/Decon & Bern

Project Name: DEL MONTE PLANT 35  
 Date Sampled: Jan. 27, 1993  
 Date Submitted: Jan. 27, 1993  
 Date of Analysis: Jan. 29, 1993  
 Sample I.D.: B

Project No: 01049 / DECON #943  
 Method of Analysis: EPA 601  
 Matrix: Water  
 Reporting Det. Limit: 0.5 µg/L  
 Dilution Factor: None

COMPOUND NAME	µg/L	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	---
METHYLENE CHLORIDE	N.D.	98% 93%
1,2-DICHLOROETHENE (TRANS)	N.D.	---
1,2-DICHLOROETHENE (CIS)	N.D.	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
TRICHLOROETHENE	N.D.	---
1,2-DICHLOROPROPANE	N.D.	108% 92%
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYL VINYL ETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	N.D.	---
DIBROMOCHLOROMETHANE	N.D.	103% 88%
CHLOROBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	---
1,3-DICHLOROBENZENE	N.D.	105% 93%
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---

ChromaLab, Inc.

*Mary Cappelli*  
 Mary Cappelli  
 Analytical Chemist

*Eric Tam*  
 Eric Tam  
 Laboratory Director

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 2, 1993

ChromaLab File # 0193201

CH2M HILL  
 Baumgartner/Hill SFO

Attn: Peter Schoen/Decon & Bern

Project Name: DEL MONTE PLANT 35  
 Date Sampled: Jan. 27, 1993  
 Date Submitted: Jan. 27, 1993  
 Date of Analysis: Jan. 29, 1993  
 Sample I.D.: C

Project No: 01049 / DECON #943  
 Method of Analysis: EPA 601  
 Matrix: Water  
 Reporting Det. Limit: 0.5 µg/L  
 Dilution factor: None

COMPOUND NAME	µg/l.	Spike Recovery
CHLOROMETHANE	N.D.	---
VINYL CHLORIDE	N.D.	---
BROMOMETHANE	N.D.	---
CHLOROETHANE	N.D.	---
TRICHLOROFLUOROMETHANE	N.D.	---
1,1-DICHLOROETHENE	N.D.	98% 93%
METHYLENE CHLORIDE	N.D.	---
1,2-DICHLOROETHENE (TOTAL)	19	---
1,1-DICHLOROETHANE	N.D.	---
CHLOROFORM	N.D.	---
1,1,1-TRICHLOROETHANE	N.D.	---
CARBON TETRACHLORIDE	N.D.	---
1,2-DICHLOROETHANE	N.D.	---
TRICHLOROETHENE	250	108% 92%
1,2-DICHLOROPROPANE	N.D.	---
BROMODICHLOROMETHANE	N.D.	---
2-CHLOROETHYL VINYLETHER	N.D.	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---
CIS-1,3-DICHLOROPROPENE	N.D.	---
1,1,2-TRICHLOROETHANE	N.D.	---
TETRACHLOROETHENE	6.6	103% 88%
DIBROMOCHLOROMETHANE	N.D.	---
CHLOROBENZENE	N.D.	---
BROMOFORM	N.D.	---
1,1,2,2-TETRACHLOROETHANE	N.D.	105% 93%
1,3-DICHLOROBENZENE	N.D.	---
1,4-DICHLOROBENZENE	N.D.	---
1,2-DICHLOROBENZENE	N.D.	---

ChromaLab, Inc.

*Mary Cappelli*  
 Mary Cappelli  
 Analytical Chemist

*Eric Tam*  
 Eric Tam  
 Laboratory Director

do

# CHROMALAB, INC.

Environmental Laboratory (1094)

# RECEIVED

MAR 10 1993

5 DAYS TURNAROUND

CH2M HILL  
SAN FRANCISCO

ChromaLab File No.: 0293261

March 3, 1993

DECON ENVIRONMENTAL SERVICES, INC.

Attn: Peter Schoen

RE: Four water samples for BTEX analysis

Project Name: DEL MONTE PLANT 35

Date Sampled: Feb. 26, 1993

Date Submitted: Feb. 26, 1993

Date Analyzed: March 2, 1993

### RESULTS:

<u>Sample</u> <u>I.D.</u>	<u>Benzene</u> <u>(µg/L)</u>	<u>Toluene</u> <u>(µg/L)</u>	<u>Ethyl</u> <u>Benzene</u> <u>(µg/L)</u>	<u>Total</u> <u>Xylenes</u> <u>(µg/L)</u>
SP-A	N.D.	N.D.	N.D.	N.D.
SP-B	N.D.	N.D.	N.D.	N.D.
SP-C	N.D.	N.D.	N.D.	N.D.
SP-D	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	83%	88%	85%	84%
DUP SPIKE RECOVERY	83%	85%	85%	85%
DETECTION LIMIT	0.5	0.5	0.5	0.5
METHOD OF ANALYSIS	602	602	602	602

ChromaLab, Inc.



Billy Knach  
Analytical Chemist



Eric Tam  
Laboratory Director

do

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

March 5, 1993

ChromaLab File # 0293261

DECON ENVIRONMENTAL SERVICES, INC. Attn: Peter Schoen

Project Name: DEL MONTE PLANT 35

Date Sampled: Feb. 26, 1993

Date Submitted: Feb. 26, 1993

Date of Analysis: March 3, 1993

Sample I.D.: SP-A

Method of Analysis: EPA 601

Matrix: Water

Reporting Det. Limit: 0.5 µg/L

Dilution Factor: None

<u>COMPOUND NAME</u>	<u>µg/L</u>	<u>Spike Recovery</u>	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	123%	121%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	---	---
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	N.D.	123%	121%
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYLVINYLETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---	---
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	114%	125%
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	---	---
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	124%	131%
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

ChromaLab, Inc.



David Wintergrass  
Analytical Chemist



Eric Tam  
Laboratory Director

do

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

March 5, 1993

ChromaLab File # 0293261

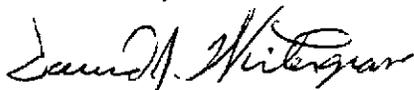
DECON ENVIRONMENTAL SERVICES, INC. Attn: Peter Schoen

Project Name: DEL MONTE PLANT 35  
Date Sampled: Feb. 26, 1993  
Date Submitted: Feb. 26, 1993  
Date of Analysis: March 3, 1993  
Sample I.D.: SP-B

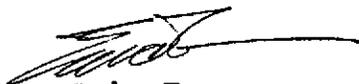
Method of Analysis: EPA 601  
Matrix: Water  
Reporting Det. Limit: 0.5 µg/L  
Dilution Factor: None

<u>COMPOUND NAME</u>	<u>µg/L</u>	<u>Spike Recovery</u>	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	123%	121%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	N.D.	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	---	---
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	5.9	123%	121%
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYLVINYLEETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---	---
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	N.D.	114%	125%
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	---	---
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	124%	131%
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

ChromaLab, Inc.



David Wintergrass  
Analytical Chemist



Eric Tam  
Laboratory Director

do

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

March 5, 1993

ChromaLab File # 0293261

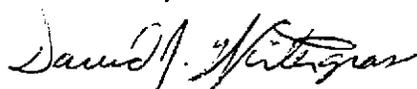
DECON ENVIRONMENTAL SERVICES, INC. Attn: Peter Schoen

Project Name: DEL MONTE PLANT 35  
Date Sampled: Feb. 26, 1993  
Date Submitted: Feb. 26, 1993  
Date of Analysis: March 3, 1993  
Sample I.D.: SP-C

Method of Analysis: EPA 601  
Matrix: Water  
Reporting Det. Limit: 0.5 µg/L  
Dilution Factor: None

COMPOUND NAME	µg/L	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	123%	121%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	36	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	---	---
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	220	123%	121%
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYLVINYLEETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---	---
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	12	114%	125%
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	---	---
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	124%	131%
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

ChromaLab, Inc.



David Wintergrass  
Analytical Chemist



Eric Tam  
Laboratory Director

do

# CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

March 5, 1993

ChromaLab File # 0293261

DECON ENVIRONMENTAL SERVICES, INC. Attn: Peter Schoen

Project Name: DEL MONTE PLANT 35

Date Sampled: Feb. 26, 1993

Date Submitted: Feb. 26, 1993

Date of Analysis: March 3, 1993

Sample I.D.: SP-D

Method of Analysis: EPA 601

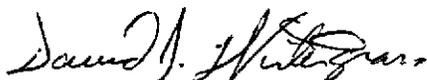
Matrix: Water

Reporting Det. Limit: 0.5 µg/L

Dilution Factor: None

COMPOUND NAME	µg/L	Spike Recovery	
CHLOROMETHANE	N.D.	---	---
VINYL CHLORIDE	N.D.	---	---
BROMOMETHANE	N.D.	---	---
CHLOROETHANE	N.D.	---	---
TRICHLOROFLUOROMETHANE	N.D.	---	---
1,1-DICHLOROETHENE	N.D.	123%	121%
METHYLENE CHLORIDE	N.D.	---	---
1,2-DICHLOROETHENE (TOTAL)	50	---	---
1,1-DICHLOROETHANE	N.D.	---	---
CHLOROFORM	N.D.	---	---
1,1,1-TRICHLOROETHANE	N.D.	---	---
CARBON TETRACHLORIDE	N.D.	---	---
1,2-DICHLOROETHANE	N.D.	---	---
TRICHLOROETHENE	350	123%	121%
1,2-DICHLOROPROPANE	N.D.	---	---
BROMODICHLOROMETHANE	N.D.	---	---
2-CHLOROETHYLVINYLEETHER	N.D.	---	---
TRANS-1,3-DICHLOROPROPENE	N.D.	---	---
CIS-1,3-DICHLOROPROPENE	N.D.	---	---
1,1,2-TRICHLOROETHANE	N.D.	---	---
TETRACHLOROETHENE	14	114%	125%
DIBROMOCHLOROMETHANE	N.D.	---	---
CHLOROBENZENE	N.D.	---	---
BROMOFORM	N.D.	---	---
1,1,2,2-TETRACHLOROETHANE	N.D.	124%	131%
1,3-DICHLOROBENZENE	N.D.	---	---
1,4-DICHLOROBENZENE	N.D.	---	---
1,2-DICHLOROBENZENE	N.D.	---	---

ChromaLab, Inc.



David Wintergrass  
Analytical Chemist



Eric Tam  
Laboratory Director

do

LOG NO: E93-03-403

Received: 11 MAR 93

Mr. Anthony Capella  
 Decon Environmental Services, Inc.  
 26102 Eden Landing Road, Suite 4  
 Hayward, California 94545

Purchase Order: 10168

Project: DELMONTEPLANT35

## REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED	
03-403-1	Influent SP-D	11 MAR 93	
03-403-2	Between Filter and 1st Carbon SP-C	11 MAR 93	
PARAMETER		03-403-1	03-403-2
Dibromochloromethane, ug/l		<0.5	<0.5
Dichlorodifluoromethane, ug/L		<0.5	<0.5
Freon 113, ug/L		<1	<1
Methylene chloride, ug/L		<0.5	<0.5
Trichloroethane, ug/L		130	100
Trichlorofluoromethane, ug/L		<0.5	<0.5
Tetrachloroethene, ug/L		25	17
Vinyl chloride, ug/L		<0.5	<0.5
cis-1,2-Dichloroethene, ug/L		42	35
cis-1,3-Dichloropropene, ug/L		<0.5	<0.5
trans-1,2-Dichloroethene, ug/L		2.9	2.0
trans-1,3-Dichloropropene, ug/L		<0.5	<0.5

---

 Edward Wilson, Laboratory Director

NOTIFICATION OF TEST RESULTS



MICHAEL J. WALLIS  
DIRECTOR OF WASTEWATER

April 5, 1993

Del Monte Plant 35  
c/o CH2M HILL  
1111 Broadway Suite 1200  
Oakland, CA 94607-4046

Sample Location: SS No. 1  
Lab Number: 930322127  
Sample Type: Grab @ 1007

Attention: Mr. Bern Baumgartner

Account No. 502-65111

EBMUD inspected your facility and sampled the wastewater discharged on March 22, 1993. The test results and corresponding discharge permit limitations are shown in the table below. No discharge limit violations were noted.

<u>Parameter</u>	<u>Test Result</u> <u>mg/L</u>	<u>Limitation</u> <u>mg/L</u>
Benzene	< 0.0005	0.005
Toluene	< 0.001	0.012
Ethylbenzene	< 0.001	0.005
Xylenes	< 0.001	0.011

If you have any questions regarding the inspection or the sample results, please contact me at (510)287-0333.

Sincerely,

Stan Archacki  
Wastewater Control Representative  
Source Control Division

SAA:saa

Attachments

cc:Mr. Mark Rosenquist  
Del Monte Corporation  
205 N. Wiget Lane  
Walnut Creek, CA 94598

RECEIVED

APR - 6 1993

CH2M HILL  
SAN FRANCISCO

## E B M U D   L A B   R E S U L T S

5-Apr-1993

Page 1

Account No.: -  
Lab Number : 93 03 22 127  
Sample Type: Grab

Station Name: DEL35  
Side Sewer : 1

ACROLEIN	<	5.000	ug/L
ACRYLONITRILE	<	5.000	ug/L
BENZENE	<	.500	ug/L
BROMODICHLOROMETHANE-GC/MS	<	.400	ug/L
BROMOFORM-GC/MS	<	.600	ug/L
BROMOMETHANE	<	1.000	ug/L
CARBON TETRACHLORIDE	<	.800	ug/L
CHLOROBENZENE	<	.900	ug/L
CHLOROETHANE	<	.800	ug/L
2-CHLOROETHYLVINYL ETHER	<	1.000	ug/L
CHLOROFORM	<	.300	ug/L
CHLOROMETHANE	<	1.000	ug/L
DIBROMOCHLOROMETHANE	<	.500	ug/L
1,2-DICHLOROBENZENE	<	.300	ug/L
1,3-DICHLOROBENZENE	<	.700	ug/L
1,4-DICHLOROBENZENE	<	.400	ug/L
1,1-DICHLOROETHANE	<	.400	ug/L
1,2-DICHLOROETHANE	<	1.000	ug/L
1,1-DICHLOROETHENE	<	1.000	ug/L
TRANS-1,2-DICHLOROETHENE	<	.600	ug/L
1,2-DICHLOROPROPANE	<	1.000	ug/L
CIS-1,2-DICHLOROPROPENE	<	1.000	ug/L
TRANS-1,3-DICHLOROPROPENE	<	.900	ug/L
ETHYL BENZENE	<	1.000	ug/L
METHYLENE CHLORIDE	<	1.000	ug/L
1,1,2,2-TETRACHLOROETHANE	<	.700	ug/L
TETRACHLOROETHENE	<	1.000	ug/L
TOLUENE	<	1.000	ug/L
1,1,1-TRICHLOROETHANE	<	1.000	ug/L
1,1,2-TRICHLOROETHANE	<	.700	ug/L
TRICHLOROETHENE	<	.600	ug/L
VINYL CHLORIDE	<	1.000	ug/L
ACETONE	<	10.000	ug/L
DIBROMOCHLOROPROPANE	<	1.000	ug/L
ETHYLENE DIBROMIDE	<	.900	ug/L
METHYLETHYL KETONE	<	10.000	ug/L
METHYL ISOBUTYL KETONE	<	2.000	ug/L
STYRENE	<	.800	ug/L
TETRAHYDROFURAN	<	20.000	ug/L
FREON 113	<	.800	ug/L
SATURATED HYDROCARBONS	<	20.000	ug/L
UNSATURATED HYDROCARBONS	<	20.000	ug/L
AROMATIC HYDROCARBONS	<	20.000	ug/L
XYLENES	<	1.000	ug/L
1,2,4-TRICHLOROBENZENE	<	.800	ug/L
FLUOROTRICHLOROMETHANE	<	.800	ug/L
DICHLORODIFLUOROMETHANE	<	.800	ug/L
M-CHLOROTOLUENE	<	.700	ug/L
DIBROMOMETHANE	<	.900	ug/L
1,3-DICHLOROPROPANE	<	1.000	ug/L
BROMOCHLOROMETHANE	<	.500	ug/L
1,2,3-TRICHLOROPROPANE	<	1.000	ug/L

E B M U D L A B R E S U L T S

5-Apr-1993

Page 2

Account No.: -  
 Lab Number : 93 03 22 127  
 Sample Type: Grab

Station Name: DEL35  
 Side Sewer : 1

1,2,3-TRICHLORO BENZENE	<	.800	ug/L
N-PROPYLBENZENE	<	1.000	ug/L
1,1,1,2-TETRACHLOROETHANE	<	.700	ug/L
PENTACHLOROETHANE	<	1.000	ug/L
BIS (2-CHLOROISOPROPYL) ETHER	<	3.000	ug/L
SEC-DICHLOROPROPANE	<	1.000	ug/L
1,2,4-TRIMETHYLBENZENE	<	1.000	ug/L
N-BUTYLBENZENE	<	1.000	ug/L
NAPHTHALENE	<	1.000	ug/L
HEXACHLOROBUTADIENE	<	.800	ug/L
P-CHLOROTOLUENE	<	.800	ug/L
1,3,5-TRIMETHYLBENZENE	<	.990	ug/L
P-ISOPROPYLTOLUENE	<	1.000	ug/L
1,1-DICHLOROPROPANE	<	1.000	ug/L
ISOPROPYLBENZENE	<	1.000	ug/L
TERT-BUTYLBENZENE	<	1.000	ug/L
SEC-BUTYLBENZENE	<	1.000	ug/L
BROMOBENZENE	<	.900	ug/L
CIS-1,2-DICHLOROETHENE	<	.600	ug/L
O-CHLOROTOLUENE	<	.600	ug/L
CARBON DISULFIDE	<	1.000	ug/L
1,1-DICHLOROPROPENE	<	.700	ug/L
ETHYL ACETATE	<	1.000	ug/L
2-HEXANONE	<	1.000	ug/L
VINYL ACETATE	<	1.000	ug/L
1,3-BUTADIENE	<	1.000	ug/L
1,4-DIOXANE	<	1,000.000	ug/L
VOLATILE REGULATED ORGANICS	<	.001	mg/L
VOLATILE CHLOR. HYDROCARBONS	<	.001	mg/L
VOA TOTAL TOXIC ORGANICS	<	.010	mg/L

EBMUD LAB RESULTS

5-Apr-1993

Page 1

Account No.: -  
 Lab Number : 93 03 22 128  
 Sample Type: Grab

Station Name: TRIPQC  
 Side Sewer :

ACROLEIN	<	5.000	ug/L
ACRYLONITRILE	<	5.000	ug/L
BENZENE	<	.500	ug/L
BROMODICHLOROMETHANE-GC/MS	<	.400	ug/L
BROMOFORM-GC/MS	<	.600	ug/L
BROMOMETHANE	<	1.000	ug/L
CARBON TETRACHLORIDE	<	.800	ug/L
CHLOROBENZENE	<	.900	ug/L
CHLOROETHANE	<	.800	ug/L
2-CHLOROETHYLVINYL ETHER	<	1.000	ug/L
CHLOROFORM	<	.300	ug/L
CHLOROMETHANE	<	1.000	ug/L
DIBROMOCHLOROMETHANE	<	.500	ug/L
1,2-DICHLOROBENZENE	<	.300	ug/L
1,3-DICHLOROBENZENE	<	.700	ug/L
1,4-DICHLOROBENZENE	<	.400	ug/L
1,1-DICHLOROETHANE	<	.400	ug/L
1,2-DICHLOROETHANE	<	1.000	ug/L
1,1-DICHLOROETHENE	<	1.000	ug/L
TRANS-1,2-DICHLOROETHENE	<	.600	ug/L
1,2-DICHLOROPROPANE	<	1.000	ug/L
CIS-1,2-DICHLOROPROPENE	<	1.000	ug/L
TRANS-1,3-DICHLOROPROPENE	<	.900	ug/L
ETHYL BENZENE	<	1.000	ug/L
METHYLENE CHLORIDE	<	1.000	ug/L
1,1,2,2-TETRACHLOROETHANE	<	.700	ug/L
TETRACHLOROETHENE	<	1.000	ug/L
TOLUENE	<	1.000	ug/L
1,1,1-TRICHLOROETHANE	<	1.000	ug/L
1,1,2-TRICHLOROETHANE	<	.700	ug/L
TRICHLOROETHENE	<	.600	ug/L
VINYL CHLORIDE	<	1.000	ug/L
ACETONE	<	10.000	ug/L
DIBROMOCHLOROPROPANE	<	1.000	ug/L
ETHYLENE DIBROMIDE	<	.900	ug/L
METHYLETHYL KETONE	<	10.000	ug/L
METHYL ISOBUTYL KETONE	<	2.000	ug/L
STYRENE	<	.800	ug/L
TETRAHYDROFURAN	<	20.000	ug/L
FREON 113	<	.800	ug/L
SATURATED HYDROCARBONS	<	20.000	ug/L
UNSATURATED HYDROCARBONS	<	20.000	ug/L
AROMATIC HYDROCARBONS	<	20.000	ug/L
XYLENES	<	1.000	ug/L
1,2,4-TRICHLOROBENZENE	<	.800	ug/L
FLUOROTRICHLOROMETHANE	<	.800	ug/L
DICHLORODIFLUOROMETHANE	<	.800	ug/L
M-CHLOROTOLUENE	<	.700	ug/L
DIBROMOMETHANE	<	.900	ug/L
1,3-DICHLOROPROPANE	<	1.000	ug/L
BROMOCHLOROMETHANE	<	.500	ug/L
1,2,3-TRICHLOROPROPANE	<	1.000	ug/L

## E B M U D   L A B   R E S U L T S

5-Apr-1993

Page 2

Account No.: -  
Lab Number : 93 03 22 128  
Sample Type: Grab

Station Name: TRIPQC  
Side Sewer :

1,2,3-TRICHLOROBENZENE	<	.800	ug/L
N-PROPYLBENZENE	<	1.000	ug/L
1,1,1,2-TETRACHLOROETHANE	<	.700	ug/L
PENTACHLOROETHANE	<	1.000	ug/L
BIS (2-CHLOROISOPROPYL) ETHER	<	3.000	ug/L
SEC-DICHLOROPROPANE	<	1.000	ug/L
1,2,4-TRIMETHYLBENZENE	<	1.000	ug/L
N-BUTYLBENZENE	<	1.000	ug/L
NAPHTHALENE	<	1.000	ug/L
HEXACHLOROBUTADIENE	<	.800	ug/L
P-CHLOROTOLUENE	<	.800	ug/L
1,3,5-TRIMETHYLBENZENE	<	.990	ug/L
P-ISOPROPYLTOLUENE	<	1.000	ug/L
1,1-DICHLOROPROPANE	<	1.000	ug/L
ISOPROPYLBENZENE	<	1.000	ug/L
TERT-BUTYLBENZENE	<	1.000	ug/L
SEC-BUTYLBENZENE	<	1.000	ug/L
BROMOBENZENE	<	.900	ug/L
CIS-1,2-DICHLOROETHENE	<	.600	ug/L
O-CHLOROTOLUENE	<	.600	ug/L
CARBON DISULFIDE	<	1.000	ug/L
1,1-DICHLOROPROPENE	<	.700	ug/L
ETHYL ACETATE	<	1.000	ug/L
2-HEXANONE	<	1.000	ug/L
VINYL ACETATE	<	1.000	ug/L
1,3-BUTADIENE	<	1.000	ug/L
1,4-DIOXANE	<	1,000.000	ug/L
VOLATILE REGULATED ORGANICS	<	.001	mg/L
VOLATILE CHLOR. HYDROCARBONS	<	.001	mg/L
VOA TOTAL TOXIC ORGANICS	<	.010	mg/L

1255 Powell Street  
Emeryville, CA 94608  
510/428-2300  
Fax: 510/547-3643

LOG NO: E93-04-069

Received: 06 APR 93

Mailed : 22 APR 93

Mr. Peter Schoen  
Decon Environmental Services, Inc.  
26102 Eden Landing Road, Suite 4  
Hayward, California 94545

**PRESENT** APR 27 1993

CC: Mr. Bern Baumgartner; CH2M.HIL

Project: 943.DELMONTE.PLANT.35

REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED		
04-069-1	SP-A	06 APR 93		
04-069-2	SP-B	06 APR 93		
04-069-3	SP-C	06 APR 93		
PARAMETER		04-069-1	04-069-2	04-069-3
<b>Aromatic Hydrocarbons</b>				
Date Analyzed		04.09.93	04.09.93	04.09.93
Dilution Factor, Times		1	1	1
Benzene, ug/L		<0.5	<0.5	<0.5
Ethylbenzene, ug/L		<0.5	<0.5	<0.5
Toluene, ug/L		<0.5	<0.5	<0.5
Total Xylene Isomers, ug/L		<0.5	<0.5	<0.5



# BC Analytical

1255 Powell Street  
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Project: 943.DELMONTE.PLANT.35

## REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED		
04-069-1	SP-A	06 APR 93		
04-069-2	SP-B	06 APR 93		
04-069-3	SP-C	06 APR 93		
PARAMETER		04-069-1	04-069-2	04-069-3
<b>Halocarbons (EPA 601)</b>				
Date Analyzed		04.13.93	04.13.93	04.14.93
Confirmation Date		04.13.93	04.13.93	04.14.93
Dilution Factor, Times		1	1	2
1,1,1-Trichloroethane, ug/L		<0.5	<0.5	<1
1,1,2,2-Tetrachloroethane, ug/L		<0.5	<0.5	<1
1,1,2-Trichloroethane, ug/L		<0.5	<0.5	<1
1,1-Dichloroethane, ug/L		<0.5	<0.5	<1
1,1-Dichloroethene, ug/L		<0.5	<0.5	<1
1,2-Dichloroethane, ug/L		<0.5	<0.5	<1
1,2-Dichlorobenzene, ug/L		<0.5	<0.5	<1
1,2-Dichloroethene (Total), ug/L		0.90	27	34
1,2-Dichloropropane, ug/L		<0.5	<0.5	<1
1,3-Dichlorobenzene, ug/L		<0.5	<0.5	<1
1,4-Dichlorobenzene, ug/L		<0.5	<0.5	<1
2-Chloroethylvinylether, ug/L		<0.5	<0.5	<1
Bromodichloromethane, ug/L		<0.5	<0.5	<1
Bromomethane, ug/L		<0.5	<0.5	<1
Bromoform, ug/L		<0.5	<0.5	<1
Chlorobenzene, ug/L		<0.5	<0.5	<1
Carbon Tetrachloride, ug/L		<0.5	<0.5	<1
Chloroethane, ug/L		<0.5	<0.5	<1
Chloroform, ug/L		<0.5	<0.5	<1
Chloromethane, ug/L		<0.5	<0.5	<1
Dibromochloromethane, ug/L		<0.5	<0.5	<1

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Project: 943.DELMONTE.PLANT.35

## REPORT OF ANALYTICAL RESULTS

Page 3

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED		
04-069-1	SP-A	06 APR 93		
04-069-2	SP-B	06 APR 93		
04-069-3	SP-C	06 APR 93		
PARAMETER		04-069-1	04-069-2	04-069-3
Dichlorodifluoromethane, ug/L		<0.5	<0.5	<1
Freon 113, ug/L		<1	<1	<2
Methylene chloride, ug/L		<0.5	<0.5	<1
Trichloroethene, ug/L		<0.5	11	130
Trichlorofluoromethane, ug/L		<0.5	<0.5	<1
Tetrachloroethene, ug/L		<0.5	<0.5	13
Vinyl chloride, ug/L		<0.5	<0.5	<1
cis-1,2-Dichloroethene, ug/L		0.90	27	34
cis-1,3-Dichloropropene, ug/L		<0.5	<0.5	<1
trans-1,2-Dichloroethene, ug/L		<0.5	<0.5	<1
trans-1,3-Dichloropropene, ug/L		<0.5	<0.5	<1

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CC: Mr. Bern Baumgartner; CH2M.HIL Project: 943.DELMONTE.PLANT.35

## REPORT OF ANALYTICAL RESULTS

Page 4

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
04-069-4	SP-D	06 APR 93
PARAMETER	04-069-4	
Halocarbons (EPA 601)		
Date Analyzed	04.15.93	
Confirmation Date	04.15.93	
Dilution Factor, Times	2	
1,1,1-Trichloroethane, ug/L	<1	
1,1,2,2-Tetrachloroethane, ug/L	<1	
1,1,2-Trichloroethane, ug/L	<1	
1,1-Dichloroethane, ug/L	<1	
1,1-Dichloroethene, ug/L	<1	
1,2-Dichloroethane, ug/L	<1	
1,2-Dichlorobenzene, ug/L	<1	
1,2-Dichloroethene (Total), ug/L	48	
1,2-Dichloropropane, ug/L	<1	
1,3-Dichlorobenzene, ug/L	<1	
1,4-Dichlorobenzene, ug/L	<1	
2-Chloroethylvinylether, ug/L	<1	
Bromodichloromethane, ug/L	<1	
Bromomethane, ug/L	<1	
Bromoform, ug/L	<1	
Chlorobenzene, ug/L	<1	
Carbon Tetrachloride, ug/L	<1	
Chloroethane, ug/L	<1	
Chloroform, ug/L	<1	
Chloromethane, ug/L	<1	
Dibromochloromethane, ug/L	<1	
Dichlorodifluoromethane, ug/L	<1	
Freon 113, ug/L	<2	

BCA

# BC Analytical

1255 Powell Street  
Emeryville, CA 94608  
510/428-2300  
Fax: 510/547-3643

LOG NO: E93-04-069

Received: 06 APR 93  
Mailed : 22 APR 93

Mr. Peter Schoen  
Decon Environmental Services, Inc.  
26102 Eden Landing Road, Suite 4  
Hayward, California 94545

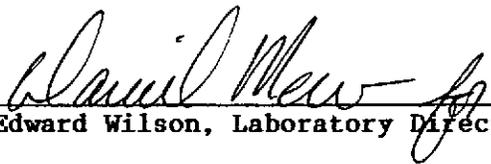
CC: Mr. Bern Baumgartner; CH2M.HIL

Project: 943.DELMONTE.PLANT.35

## REPORT OF ANALYTICAL RESULTS

Page 5

LOG NO	SAMPLE DESCRIPTION, GROUND WATER SAMPLES	DATE SAMPLED
04-069-4	SP-D	06 APR 93
PARAMETER	04-069-4	
Methylene chloride, ug/L	<1	
Trichloroethene, ug/L	160	
Trichlorofluoromethane, ug/L	<1	
Tetrachloroethene, ug/L	21	
Vinyl chloride, ug/L	<1	
cis-1,2-Dichloroethene, ug/L	46	
cis-1,3-Dichloropropene, ug/L	<1	
trans-1,2-Dichloroethene, ug/L	1.6	
trans-1,3-Dichloropropene, ug/L	<1	

  
Edward Wilson, Laboratory Director

**ATTACHMENT C**  
**GET System Inspection Logs**

Del Monte Plant #35

Date: 2-2-93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1 \_\_\_\_\_ ft. \_\_\_\_\_ time  
PW-2 \_\_\_\_\_ ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-9 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-10 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-11 \_\_\_\_\_ ft. \_\_\_\_\_ time

Total GET Effluent 99077 gal. 8:14 am time

Time req'd: \_\_\_\_\_

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 10-11 psi.

After bag filter: 10 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes \_\_\_ No ✓

Were all valves opened after replacing the filter bag?

Yes \_\_\_ No \_\_\_ NA

Were pumps turned ON after replacing the filter bag?

Yes \_\_\_ No \_\_\_ NA

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_ No ✓

*Mark  
Pouffier*



Del Monte Plant #35

Date: \_\_\_\_\_

If wet spots are noted, briefly describe location. \_\_\_\_\_

\_\_\_\_\_

Was sampling performed? Yes  No

If yes, please check from which sample port/s.

A  B  C  D

Time req'd: \_\_\_\_\_

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Misc. Field Notes: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): \_\_\_\_\_ Signature: \_\_\_\_\_

Start Time: \_\_\_\_\_ Finish Time: \_\_\_\_\_



Del Monte Plant #35

Date: 2-9-93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1 \_\_\_\_\_ ft. \_\_\_\_\_ time  
PW-2 \_\_\_\_\_ ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-9 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-10 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-11 \_\_\_\_\_ ft. \_\_\_\_\_ time

Total GET Effluent \_\_\_\_\_ gal. \_\_\_\_\_ time

Time req'd: \_\_\_\_\_

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 11 psi.  
After bag filter: 10 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes \_\_\_\_\_ No ✓

Were all valves opened after replacing the filter bag?

yes \_\_\_\_\_ No \_\_\_\_\_ NA

Were pumps turned ON after replacing the filter bag?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA

were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_\_\_ No ✓



Del Monte Plant #35

Date: 2-9-93

If wet spots are noted, briefly describe location. \_\_\_\_\_  
\_\_\_\_\_

Was sampling performed? Yes \_\_\_\_\_ No

If yes, please check from which sample port/s.

A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_

Time req'd: \_\_\_\_\_

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. NO

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Misc. Field Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): Mark Rosequist Signature: Mark Rosequist  
Start Time: 8:15 Finish Time: 8:20



DATA LOG & FIELD NOTES

JOB NO.: 943  
 PROJECT: Del Monte Plant No. 35  
 ADDRESS: 4240 Hollis Street,  
 Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1	<u>10.22</u>	ft.	<u>17:41</u>	time
PW-2	<u>9.35</u>	ft.	<u>17:48</u>	time

Monitoring Wells -

MW-7	<u>6.86</u>	ft.	<u>17:37</u>	time
MW-9	<u>10.38</u>	ft.	<u>17:44</u>	time
MW-10	<u>7.60</u>	ft.	<u>17:41</u>	time
MW-11	<u>8.09</u>	ft.	<u>17:48</u>	time

Total GET Effluent 144,788.0 gal. 17:50 time

Time req'd: 15 min.

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 10 psi.  
 After bag filter: 11 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes  No

Were all valves opened after replacing the filter bag?

Yes  No

Were pumps turned ON after replacing the filter bag?

Yes  No

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes  No



Del Monte Plant #35

Date: 2/10/83

If wet spots are noted, briefly describe location. \_\_\_\_\_

Was sampling performed? Yes \_\_\_\_\_ No

If yes, please check from which sample port/s.

A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_  
Time req'd: nk

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required.

Gun was reconstructed at end of Baker Tank (SW corner). Replaced w/ 3.5 tubing which was covered w/ slope. Checked out equipment - all OK!

Misc. Field Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): PETER SCHOEN Signature: Peter Sch  
Start Time: 16:45 Finish Time: 18:00



Del Monte Plant #35

Date: 2-17-93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1 \_\_\_\_\_ ft. \_\_\_\_\_ time  
PW-2 \_\_\_\_\_ ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-9 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-10 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-11 \_\_\_\_\_ ft. \_\_\_\_\_ time

Total GET Effluent 186573 gal. 8:59 hr time

Time req'd: \_\_\_\_\_

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 11 psi.  
After bag filter: 10 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes \_\_\_\_\_ No ✓

Were all valves opened after replacing the filter bag?

Yes \_\_\_\_\_ No NA

Were pumps turned ON after replacing the filter bag?

Yes \_\_\_\_\_ No NA

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_\_\_ No ✓



Del Monte Plant #35

Date: 2-17-93

If wet spots are noted, briefly describe location. \_\_\_\_\_

Was sampling performed? Yes  No

If yes, please check from which sample port/s.

A  B  C  D

Time req'd: \_\_\_\_\_

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. \_\_\_\_\_

No

Misc. Field Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): Mark Rosenquist Signature: Mark Rosenquist  
Start Time: 8 50 Finish Time: 9 30  
9 00



Del Monte Plant #35

Date: 2/26/93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1 4.50 ft. 11:47 time  
PW-2 3.44 ft. 11:48 time

Monitoring Wells -

MW-7 6.77 ft. 11:35 time  
MW-9 8.30 ft. 11:41 time  
MW-10 6.48 ft. 11:38 time  
MW-11 6.38 ft. 11:44 time

Total GET Effluent 214,737 gal. 11:50 time

Time req'd: 20 min

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 12 psi.

After bag filter: 10 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes  No

Were all valves opened after replacing the filter bag?

Yes  No

Were pumps turned ON after replacing the filter bag?

Yes  No

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes  No



Del Monte Plant #35

Date: 2/26/93

If wet spots are noted, briefly describe location. \_\_\_\_\_  
\_\_\_\_\_

Was sampling performed? Yes X No \_\_\_\_\_

If yes, please check from which sample port/s.

A \_\_\_\_\_ B X C X D X

Time req'd: 30 min

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Misc. Field Notes: system OFF upon arrival due to upper float switch not closing completely (same old problem)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): PETER SCLIPIN Signature: Peter Sclipin  
Start Time: 10:45 Finish Time: 12:00



Del Monte Plant #35

Date: 3-2-93

DATA LOG & FIELD NOTES

JOB NO.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depth:

Extraction Wells -

PW-1 \_\_\_\_\_ ft. \_\_\_\_\_ time  
PW-2 \_\_\_\_\_ ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-9 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-10 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-11 \_\_\_\_\_ ft. \_\_\_\_\_ time

Total GET Effluent 242 261 gal. 8:54 am time

Time req'd: \_\_\_\_\_

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 11.5 psi.  
After bag filter: 10 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes \_\_\_\_\_ No ✓

Were all valves opened after replacing the filter bag?

Yes \_\_\_\_\_ No NA

Were pumps turned ON after replacing the filter bag?

Yes \_\_\_\_\_ No NA

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_\_\_ No ✓



Del Monte Plant #35

Date: 3-2-93

If wet spots are noted, briefly describe location. \_\_\_\_\_  
\_\_\_\_\_

Was sampling performed? Yes \_\_\_\_\_ No

If yes, please check from which sample port/s.

A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_

Time req'd: \_\_\_\_\_

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. NO

Misc. Field Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (Printed): Mark Rosequist Signature: Mark Rosequist  
Start Time: 8:50 Finish Time: 9:00



DATA LOG & FIELD NOTES

JOB NO.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

EXTRACTION Wells -

PW-1	<u>10.70</u>	ft.	<u>10:43</u>	time
PW-2	<u>9.36</u>	ft.	<u>10:42</u>	time

Monitoring Wells -

MW-7	<u>7.32</u>	ft.	<u>10:33</u>	time
MW-9	<u>11.02</u>	ft.	<u>10:39</u>	time
MW-10	<u>8.85</u>	ft.	<u>10:36</u>	time
MW-11	<u>8.66</u>	ft.	<u>10:41</u>	time

Total GET Effluent 295,161 gal. 10:26 time

Time req'd: 70 min.

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 10 psi.  
After bag filter: 11.5 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes  No

Were all valves opened after replacing the filter bag?

Yes  No

Were pumps turned ON after replacing the filter bag?

Yes  No

were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes  No



Del Monte Plant #35

Date: 3/11/93

If wet spots are noted, briefly describe location. NONE

Was sampling performed? Yes x No     

If yes, please check from which sample port/s.

A      B      C x D     

Time req'd: 15 min.

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required.     

Misc. Field Notes:     

Name (printed): PETER SCHWEN Signature: *Peter Schw*  
Start Time: 10:30 Finish Time: 1:00



Del Monte Plant #35

Date: 3-17-93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1 \_\_\_\_\_ ft. \_\_\_\_\_ time  
PW-2 \_\_\_\_\_ ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-9 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-10 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-11 \_\_\_\_\_ ft. \_\_\_\_\_ time

Total GET Effluent 331,236 gal. 10:50 time

Time req'd: MR

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 11.5 psi.  
After bag filter: 10 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes \_\_\_\_\_ No ✓

Were all valves opened after replacing the filter bag?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA

Were pumps turned ON after replacing the filter bag?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_\_\_ No ✓



Del Monte Plant #35

Date: 3-17-93

If wet spots are noted, briefly describe location. \_\_\_\_\_

Was sampling performed? Yes \_\_\_\_\_ No

If yes, please check from which sample port/s.

A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_

Time req'd: \_\_\_\_\_

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. NO

Misc. Field Notes: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): Mark Rosenquist Signature: Mark Rosenquist  
Start Time: 10:45 Finish Time: 10:55



Del Monte Plant #35

Date: 3-22-93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW 1 \_\_\_\_\_ ft. \_\_\_\_\_ time  
PW-2 \_\_\_\_\_ ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-9 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-10 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-11 \_\_\_\_\_ ft. \_\_\_\_\_ time

Total GET Effluent 361403 gal. 10:07 time

Time req'd: \_\_\_\_\_

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 11.5 psi.  
After bag filter: 10 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes \_\_\_ No ✓

Were all valves opened after replacing the filter bag?

Yes \_\_\_ No \_\_\_ NA

Were pumps turned ON after replacing the filter bag?

Yes \_\_\_ No \_\_\_ NA

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_ No ✓



Del Monte Plant #35

Date: 3-22-93

If wet spots are noted, briefly describe location. \_\_\_\_\_

Was sampling performed? Yes  No   
By FBMUD

If yes, please check from which sample port/s.

A  B  C  D

Time req'd: 10:09

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. NO

Misc. Field Notes: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): Mark Rosenquist Signature: Mark Rosenquist  
Start Time: 10:05 Finish Time: 10:10



Del Monte Plant #35

Date: 4-6-93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1 10.22 ft. \_\_\_\_\_ time  
PW-2 9.36 ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 7.18 ft. \_\_\_\_\_ time  
MW-9 10.24 ft. \_\_\_\_\_ time  
MW-10 7.94 ft. \_\_\_\_\_ time  
MW-11 8.32 ft. \_\_\_\_\_ time

Total GET Effluent 437, 556. gal. 6:52 time

Time req'd: 20 min

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 16 psi.

After bag filter: 12 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? Yes \_\_\_\_\_ No X

Were all valves opened after replacing the filter bag?

Yes X No \_\_\_\_\_

Were pumps turned ON after replacing the filter bag?

Yes \_\_\_\_\_ No \_\_\_\_\_

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_\_\_ No X



Del Monte Plant #35

Date: 4-6-93

If wet spots are noted, briefly describe location.

Was sampling performed? Yes α No     

If yes, please check from which sample port/s.

A α B α C α D α

Time req'd: 30 min.

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required.

A burn was removed from the newly replaced loose float activated switch that caused it to stick (performed on 4-5-93 - 1 hr total)

Misc. Field Notes: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Name (printed): \_\_\_\_\_ Signature: \_\_\_\_\_

Start Time: 6:30 Finish Time: 8:00



Del Monte Plant #35

Date: 4/13/93

DATA LOG & FIELD NOTES

JOB No.: 943  
PROJECT: Del Monte Plant No. 35  
ADDRESS: 4240 Hollis Street,  
Emeryville, CA 95020

Well Depths:

Extraction Wells -

PW-1 NEAR BOTTOM ft. \_\_\_\_\_ time  
PW-2 NEAR BOTTOM ft. \_\_\_\_\_ time

Monitoring Wells -

MW-7 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-9 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-10 \_\_\_\_\_ ft. \_\_\_\_\_ time  
MW-11 \_\_\_\_\_ ft. \_\_\_\_\_ time

Total GET Effluent 477,251 gal. 1040 hrs time  
Time req'd: \_\_\_\_\_

GET System:

Please record the pressure gauge reading at each of the following locations:

Before bag filter: 16 psi.  
After bag filter: 13 psi.

If the pressure differential across the bag filter is greater than 15 psi., was the filter bag exchanged? NA Yes \_\_\_\_\_ No \_\_\_\_\_

Were all valves opened after replacing the filter bag?  
Yes \_\_\_\_\_ No \_\_\_\_\_

Were pumps turned ON after replacing the filter bag?  
Yes \_\_\_\_\_ No \_\_\_\_\_

Were any leaks (standing water or wet spots) seen that originated from GET System piping? Yes \_\_\_\_\_ No ✓



Del Monte Plant #35

Date: 4/13/93

If wet spots are noted, briefly describe location. \_\_\_\_\_

Was sampling performed? Yes  No

If yes, please check from which sample port/s.

A \_\_\_\_\_ B \_\_\_\_\_ C \_\_\_\_\_ D \_\_\_\_\_

Time req'd: \_\_\_\_\_

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. NO

Misc. Field Notes: Mark Rosenquist and B. Baumgartner  
are onsite to remove plastic covers from  
excavated soil.

Name (printed): BERN BAUMGARTNER Signature: *Bern Baumgartner*  
Start Time: 1030 hrs Finish Time: 1200 hrs

