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

Prepared for

Del Monte Foods USA

Prepared by

CH2M HILL

April 1994

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. Quarterly groundwater monitoring at Plant 35 was conducted on April 11, 1994.

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 underlain 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. Discontinuous lenses of sands and gravels have also been encountered within the native silty clay. This silty clay zone is underlain with silty sand. Shallow groundwater exists beneath the property at a depth of approximately 7 to 10 feet below ground surface and flows in a southwesterly direction (Figure 2).

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.

Between February and April, 1994, a supplemental soil and groundwater investigation was conducted on- and off-site at Plant 35 to better evaluate the extent of chlorinated hydrocarbons in the soil and groundwater. One of the tasks performed included the installation of monitoring well MW-12, on the west side of Hollis Street (Figure 1). Sampling of MW-12 is included in this quarterly report and will be included in all future quarterly sampling. Results of the supplemental investigation are discussed in the "Supplemental Offsite Investigation Report for Del Monte Plant 35" (CH2M HILL, April 1994) and the "Supplemental Onsite Investigation Report for Del Monte Plant 35" (CH2M HILL, May 1994).

GROUNDWATER MONITORING

During the recent quarter, two groundwater monitoring events occurred at Plant 35. The first monitoring event which occurred on February 14, 1994, was an additional monitoring event to the normally scheduled routine. This monitoring event was conducted to assess groundwater quality as a result of the GET system being shut down for approximately 2 months. The GET system was out of operation between December 10, 1993 and March 8, 1994, as discussed below in the Groundwater Extraction and Treatment System section of this report. The second monitoring event, conducted on April 11, 1994, was the regularly scheduled event, and took place approximately one month after the GET System was restarted.

Monitoring wells MW-7, MW-9, MW-10, MW-11, and MW-12 (first sampled on March 2, 1994) were sampled as part of the quarterly monitoring program. The monitoring well locations are shown on Figure 1 and the analytical results from this and previous monitoring events are summarized in Table 1. Applicable State of California Maximum Contaminant Levels (MCLs) are also included at the bottom of Table 1. Figure 3 shows trichloroethene (TCE) concentrations in groundwater samples collected from former monitoring well MW-8 (replaced by the existing groundwater extraction pit) and the influent sample port (SP-D) of the groundwater extraction and treatment (GET) system. Laboratory analytical reports for the monitoring well samples are included in Attachment A.

February 14, 1994: Monitoring wells MW-7, MW-9, MW-10, and MW-11 were sampled for chlorinated hydrocarbons prior to restarting the GET system to evaluate groundwater quality under non-pumping conditions. The groundwater monitoring results are generally consistent with recent, previous quarterly monitoring events.

- In all of the wells sampled, the concentrations of chlorinated hydrocarbons remained consistent or decreased slightly. This indicates that the reduction of chlorinated hydrocarbon concentrations in groundwater beneath Plant 35 are approaching asymptotic levels.
- No significant increases in chlorinated hydrocarbons were observed in the groundwater samples as a result of the inoperation of the GET system.

April 11, 1994: Monitoring wells MW-7, MW-9, MW-10, MW-11, and MW-12 were sampled for chlorinated hydrocarbons after the GET system had been restarted. The groundwater monitoring results from the April 11, 1994 event remain generally consistent with recent, previous quarterly monitoring events.

- In all of the wells sampled, the concentrations of chlorinated hydrocarbons remained consistent or decreased slightly. This indicates that the reduction of chlorinated hydrocarbon concentrations in groundwater beneath Plant 35 are approaching asymptotic levels.

- The water sample collected from SP-D on March 9, 1994 contained a slightly greater concentration of TCE than the samples collected in the fourth quarter of 1993 (Figure 3). However, Figure 3 indicates that TCE concentrations have been significantly reduced in the area of the former tanks containing chlorinated hydrocarbons by the GET system operation. In addition, no increases in TCE concentrations were observed in any other wells.
- The water sample collected from monitoring well MW-12 showed a significant decrease in TCE concentration from March 2, 1994 (when the monitoring well was installed and initially sampled).
- Water level measurements were taken from all of the monitoring wells at Plant 35. The water levels continue to indicate that shallow groundwater flows in a southwesterly direction (Figure 2).

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.

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 4. Four water sample ports (SP-A, SP-B, SP-C, and SP-D) used to monitor the GET system are also shown on Figure 4.

The GET system was shut down on December 10, 1993 due to the expiration of the EBMUD Wastewater Discharge Permit. Del Monte received a renewed Wastewater Discharge Permit on January 14, 1994, but the restart of the GET system was delayed until March 8, 1994 because of a faulty transfer pump and the unavailability of an electrical power source on the Plant 35 property.

The renewed Wastewater Discharge Permit contains the following modifications to the Self-Monitoring Reporting Requirements (SMRRs):

- Sampling from the GET system sample port SP-A is no longer required unless levels of chlorinated hydrocarbons from sample port SP-B increase

- Sampling from sample ports SP-B and SP-D is required only once a quarter
- Samples from sample ports SP-B and SP-D are required to be analyzed only for EPA 601. BTEX analyses are no longer required because BTEX has never been detected in any of the GET system samples.

According to the summarized analytical results for the GET system monitoring in Table 2, chlorinated hydrocarbon concentrations have been detected in the effluent stream of the first carbon canister (SP-B) in each sampling event since February 26, 1993. If the total chlorinated hydrocarbon concentrations from the GET system sampling port SP-B approach or exceed EBMUD's discharge limitation of 35 $\mu\text{g/l}$, then monitoring from sample port SP-A will need to be initiated and carbon canister replacement will need to be performed. Although the discharge limitations were not exceeded, the primary carbon canister was removed from service, the secondary canister was moved into the primary position, and a new canister was placed into the secondary position on February 18, 1994.

As of March 21, 1994, the GET system has extracted and treated a total of 1,662,752 gallons of water. Between March 8 (restartup) and March 21, approximately 73,728 gallons of water at a rate of approximately 3.9 gallons per minute was extracted and treated. GET system inspection logs since the last quarterly monitoring event are contained in Attachment B.

In accordance with the requirements of the Wastewater Discharge Permit, Del Monte collected water samples from GET system sample ports SP-B and SP-D on March 9, 1994. The samples were analyzed for chlorinated hydrocarbons (EPA 601), and the results are summarized in Table 2. The laboratory reports for the samples collected during the first quarter of 1994 are included in Attachment A.

The monitoring results of the GET system indicate that the system is effectively removing chlorinated hydrocarbons prior to discharge. The TCE concentration from the SP-D water sample increased slightly over the concentrations detected in the fourth quarter of 1994. No other increase in chlorinated hydrocarbon concentrations was observed in the GET system samples.

FUTURE ACTIVITIES

Del Monte will continue quarterly monitoring of MW-7, MW-9, MW-10, MW-11, and MW-12 for chlorinated hydrocarbons. The next quarterly monitoring event is scheduled for June 30, 1994. The next groundwater monitoring quarterly report is scheduled for completion by July 30, 1994.

Del Monte has submitted a Draft Remediation Plan (CH2M HILL, April 25, 1994) to the Regional Water Quality Control Board (RWQCB) and the Alameda County Department of Environmental Health (ACDEH). Del Monte is planning to meet with the RWQCB and the ACDEH during the week of May 9 to discuss the Draft Remediation Plan.

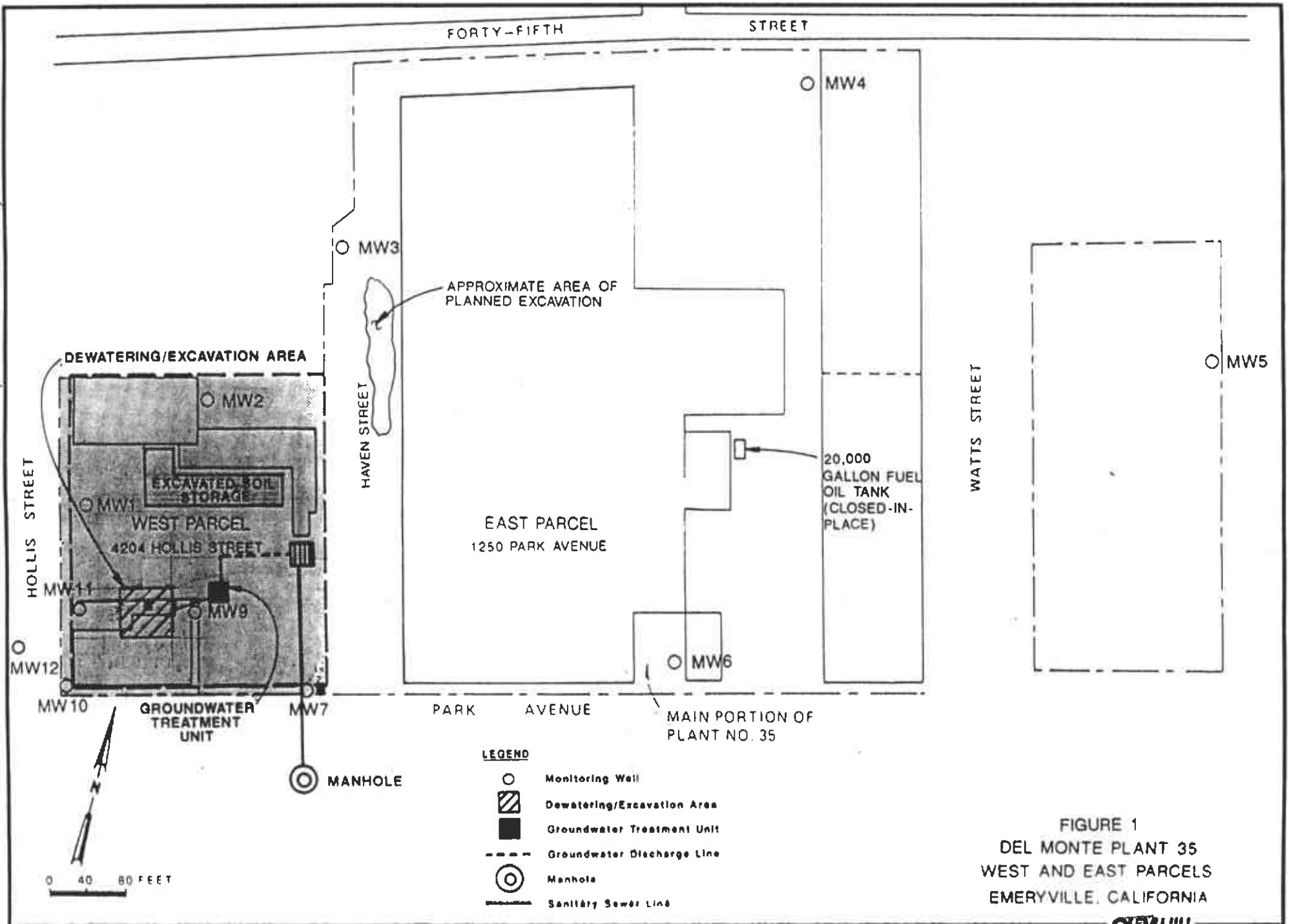


FIGURE 1
 DEL MONTE PLANT 35
 WEST AND EAST PARCELS
 EMERYVILLE, CALIFORNIA

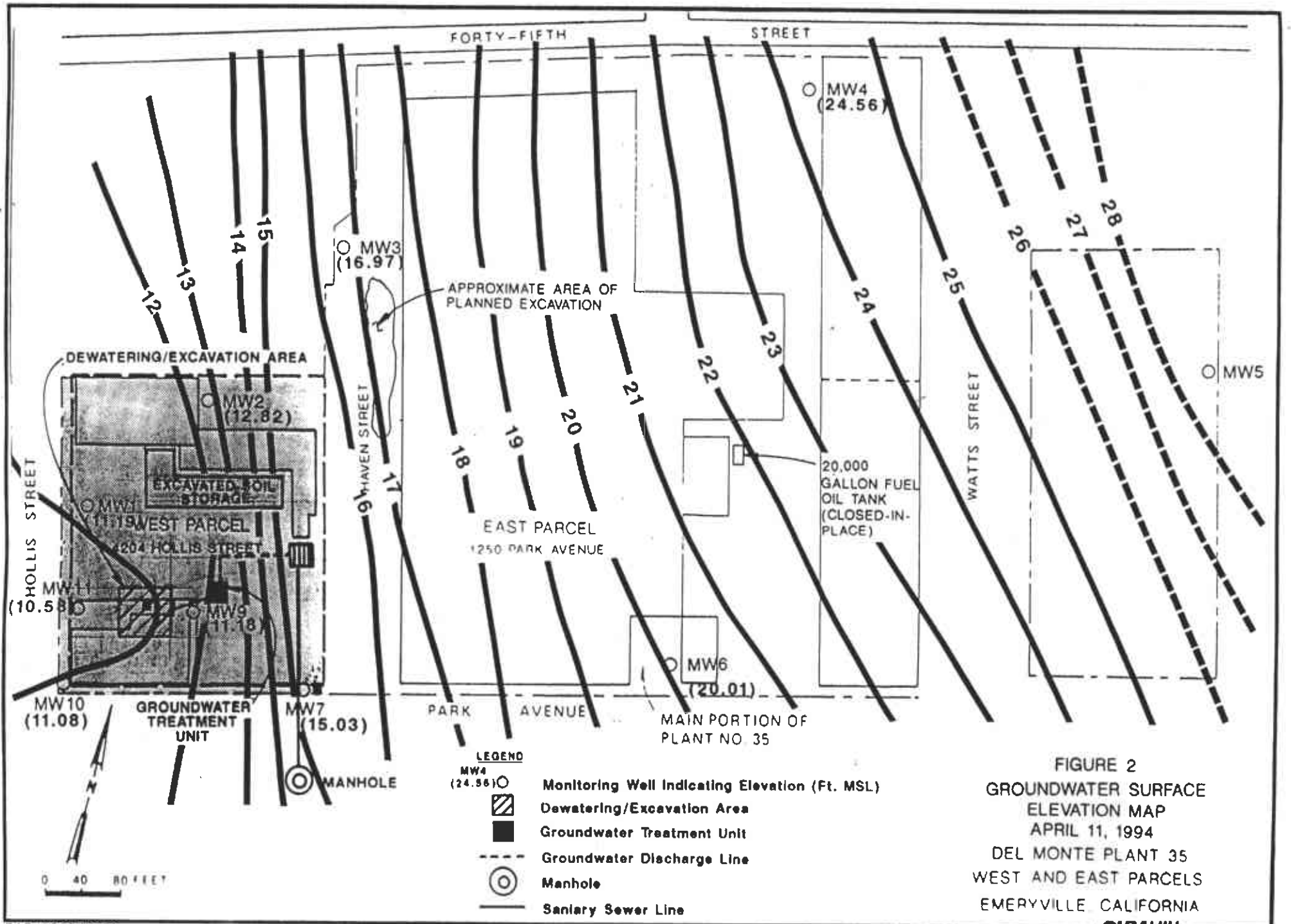
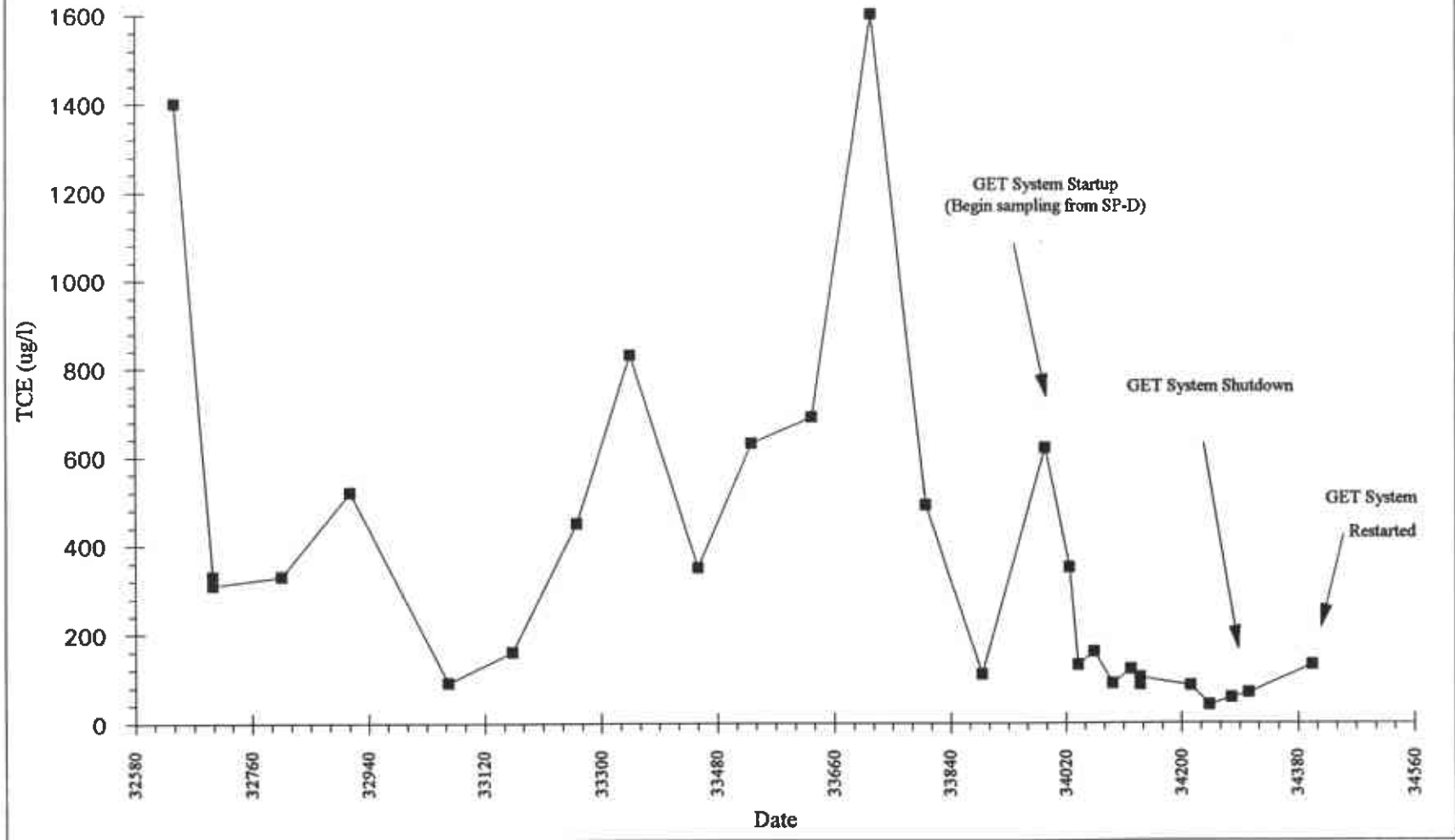


FIGURE 2
 GROUNDWATER SURFACE
 ELEVATION MAP
 APRIL 11, 1994
 DEL MONTE PLANT 35
 WEST AND EAST PARCELS
 EMERYVILLE CALIFORNIA
 CH2M HILL

Figure 3 - TCE Concentrations in Groundwater
(Monitoring Well MW-8/Sample Port SP-D)



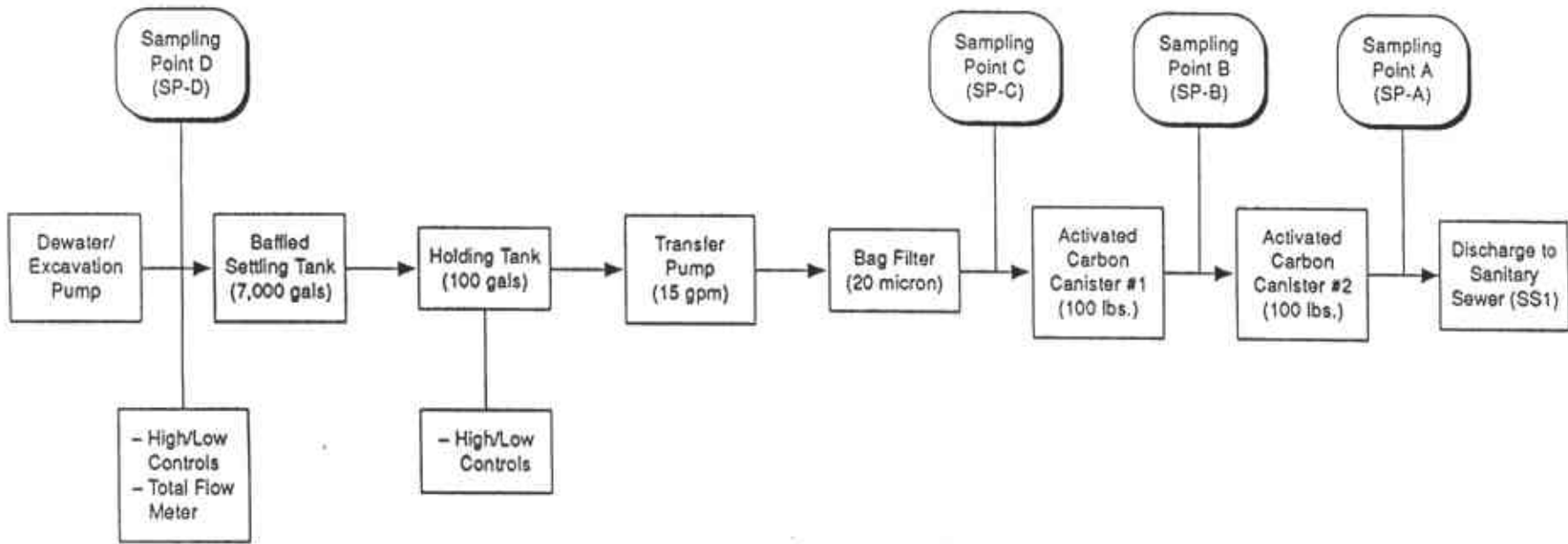


Figure 4
 DEL MONTE PLANT 35
 GROUNDWATER TREATMENT UNIT

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)	1,2-DCA(c)	TCB(d)	PCE(e)	VC(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
MW7	16-Jun-93	45.0	<2.0	<2.0	25.0	19.0	2.7	<2.0
MW7	17-Sep-93	1.6 (t)	<1.0	<1.0	17.0	12.0	<1.0	<1.0
MW7	21-Dec-93	20.3	<0.5	<0.5	17.0	20.0	1.9	<0.5
MW7	14-Feb-94	18.0	<0.5	<0.5	13.0	11.0	0.7	<0.5
MW7	11-Apr-94	13.0	<0.5	<0.5	12.0	10.0	<1.0	<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
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
MW8 (SP-D)	04-May-93	29.0	<0.5	<0.5	89.0	14.0	<0.5	<0.5
MW8 (SP-D)	02-Jun-93	1.2 (t)	<1.0	<1.0	120.0	8.5	<1.0	<1.0
MW8 (Extr. Well)	16-Jun-93	66.8	<2.0	<2.0	86.0	31.0	1.4	<2.0
MW8 (SP-D)	16-Jun-93	62.0	<2.0	<2.0	102.0	24.0	<2.0	<2.0
MW8 (SP-D)	02-Sep-93	<1.0 (t)	<1.0	<1.0	83.0	11.0	<1.0	<1.0
MW8 (SP-D)	01-Oct-93	<1.0 (t)	<1.0	<1.0	41.0	10.0	<1.0	<1.0
MW8 (SP-D)	05-Nov-93	<1.0 (t)	<1.0	<1.0	56.0	11.0	<1.0	<1.0
MW8 (SP-D)	02-Dec-93	<1.0 (t)	<1.0	<1.0	68.0	11.0	<1.0	<1.0
MW8 (SP-D)	09-Mar-94	<1.0 (t)	<1.0	<1.0	130.0	4.4	<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

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)	1,2-DCA(c)	TCE(d)	PCE(e)	VC(f)	1,2-DP(g)
MW9	21-Dec-93	34.5	<0.5	<0.5	16.0	34.0	5.9	<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
MW9	16-Jun-93	41.5	<2.0	<2.0	12.0	27.0	6.8	<2.0
MW9	17-Sep-93	1.6 (t)	<1.0	<1.0	11.0	21.0	3.5	<1.0
MW9	21-Dec-93	34.5	<0.5	<0.5	16.0	34.0	5.9	<0.5
MW9	14-Feb-94	30.8	<0.5	<0.5	11.0	25.0	4.2	<0.5
MW9	11-Apr-94	18.0	<0.5	<0.5	9.0	18.0	1.6	<0.5
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
MW10	16-Jun-93	3.2	<2.0	<2.0	2.7	4.7	<2.0	<2.0
MW10	17-Sep-93	<1.0 (t)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW10	21-Dec-93	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	<0.5
MW10	14-Feb-94	9.9	<0.5	<0.5	5.4	4.4	<0.5	<0.5
MW10	11-Apr-94	3.7	<0.5	<0.5	2.2	1.5	<1.0	<0.5
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
MW11	16-Jun-93	41.5	<2.0	6.3	230.0	20.0	7.0	7.2
MW11	17-Sep-93	<5.0 (t)	<5.0	<5.0	230.0	<5.0	<5.0	<5.0
MW11	21-Dec-93	32.2	<0.5	2.8	220.0	14.0	6.1	<0.5
MW11	14-Feb-94	11.8	<0.5	2.0	52.0	5.6	1.5	2.6
MW11	11-Apr-94	10.0	<0.5	<0.5	57.0	4.9	<1.0	2.7
MW12	02-Mar-94	35.3	<0.5	<0.5	170.0	16.0	6.8	<0.5
MW12	11-Apr-94	25.0	<0.5	<0.5	100.0	13.0	<1.0	<0.5
Primary MCL		---	6	0.5	5	5	0.5	5
(a)	1,2-Dichloroethene	(c)	1,2-Dichloroethane	(e)	Tetrachloroethene	(g)	1,2-Dichloropropane	
(b)	1,1-Dichloroethene	(d)	Trichloroethene	(f)	Vinyl chloride	(t)	trans-1,2-Dichloroethene	

TABLE 2
GROUNDWATER TREATMENT SYSTEM MONITORING RESULTS
DEL MONTE PLANT 35
4204 HOLLIS STREET, EMERYVILLE CA

Sample Port	Date	Concentrations (ug/l)							
		B	T	E	X	PCE	TCE	VC	1,2-DCE
SP-A	14-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A	19-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A*	19-Jan-93	<0.5	<1.0	<1.0	<1.0	<1.0	<0.6	<1.0	<0.6
SP-A	27-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A	26-Feb-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-A*	22-Mar-93	<0.5	<1.0	<1.0	<1.0	<1.0	<0.6	<1.0	<0.6
SP-A	06-Apr-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9
SP-A	04-May-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.1
SP-A	02-Jun-93	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<1.0 t
SP-A	29-Jul-93	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<1.0 t
SP-A	02-Sep-93	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<1.0 t
SP-A	01-Oct-93	<0.5	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<1.0 t
SP-A	05-Nov-93	<0.5	<0.5	<0.5	<0.5	<1.0	3.7	<1.0	1.0 t
SP-A	02-Dec-93	<0.5	<0.5	<0.5	<0.5	<1.0	13	<1.0	<1.0 t
SP-A	09-Mar-94	NA	NA	NA	NA	NA	NA	NA	NA
SP-B	14-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-B	19-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-B	27-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-B	26-Feb-93	<0.5	<0.5	<0.5	<0.5	5.9	<0.5	<0.5	<0.5
SP-B	06-Apr-93	<0.5	<0.5	<0.5	<0.5	<0.5	11	<0.5	27
SP-B	04-May-93	<0.5	<0.5	<0.5	<0.5	<0.5	16	<0.5	39
SP-B	02-Jun-93	<0.5	<0.5	<0.5	<0.5	<1.0	5.5	<1.0	<1.0 t
SP-B	29-Jul-93	<0.5	<0.5	<0.5	<0.5	<1.0	12	<1.0	<1.0 t
SP-B	02-Sep-93	<0.5	<0.5	<0.5	<0.5	<1.0	42	<1.0	<1.0 t
SP-B	01-Oct-93	<0.5	<0.5	<0.5	<0.5	<1.0	36	<1.0	<1.0 t
SP-B	05-Nov-93	<0.5	<0.5	<0.5	<0.5	<1.0	67	<1.0	<1.0 t
SP-B	02-Dec-93	<0.5	<0.5	<0.5	<0.5	1.1	61	<1.0	<1.0 t
SP-B	09-Mar-94	NA	NA	NA	NA	<1.0	4.9	<1.0	<1.0 t
SP-C	14-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	<0.5	<0.5
SP-C	19-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	3.4	<0.5	<0.5
SP-C	27-Jan-93	<0.5	<0.5	<0.5	<0.5	6.6	250	<0.5	19
SP-C	26-Feb-93	<0.5	<0.5	<0.5	<0.5	12	220	<0.5	36
SP-C	11-Mar-93	NA	NA	NA	NA	17	100	<0.5	37
SP-C	06-Apr-93	<0.5	<0.5	<0.5	<0.5	13	130	<1.0	34
SP-C	04-May-93	NA	NA	NA	NA	NA	NA	NA	NA
SP-C	02-Jun-93	NA	NA	NA	NA	NA	NA	NA	NA
SP-C	29-Jul-93	NA	NA	NA	NA	NA	NA	NA	NA
SP-C	02-Sep-93	NA	NA	NA	NA	NA	NA	NA	NA
SP-C	01-Oct-93	NA	NA	NA	NA	NA	NA	NA	NA
SP-C	05-Nov-93	NA	NA	NA	NA	NA	NA	NA	NA
SP-C	02-Dec-93	NA	NA	NA	NA	NA	NA	NA	NA
SP-C	09-Mar-94	NA	NA	NA	NA	NA	NA	NA	NA
SP-D	14-Jan-93	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
SP-D	19-Jan-93	<0.5	<0.5	<0.5	<0.5	4.9	620	3.0	37
SP-D	26-Feb-93	<0.5	<0.5	<0.5	<0.5	14	350	<0.5	50
SP-D	11-Mar-93	NA	NA	NA	NA	25	130	<0.5	44.9
SP-D	06-Apr-93	NA	NA	NA	NA	21	160	<1.0	48
SP-D	04-May-93	<0.5	<0.5	<0.5	<0.5	14	89	<0.5	29
SP-D	02-Jun-93	<0.5	<0.5	<0.5	<0.5	8.5	130	<1.0	1.2 t
SP-D	16-Jun-93	<2.0	<2.0	<2.0	<2.0	24	102	<2.0	62
SP-D	29-Jul-93	<0.5	<0.5	<0.5	<0.5	7.2	60	<1.0	<1.0 t
SP-D	02-Sep-93	<0.5	<0.5	<0.5	<0.5	11	83	<1.0	<1.0 t
SP-D	01-Oct-93	<0.5	<0.5	<0.5	<0.5	10	41	<1.0	<1.0 t
SP-D	05-Nov-93	<0.5	<0.5	<0.5	<0.5	11	56	<1.0	<1.0 t
SP-D	02-Dec-93	<0.5	<0.5	<0.5	<0.5	11	68	<1.0	<1.0 t
SP-D	09-Mar-94	NA	NA	NA	NA	4.4	130	<1.0	<1.0 t

(NA) Not Analyzed
(*) 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-Dichloroethene (Total)
t trans-1,2-Dichloroethene

ATTACHMENT A
Analytical Laboratory Reports

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAY TURNAROUND

February 22, 1994

ChromaLab File#: 9402175

CH2M HILL OAKLAND

Atten: Ken Lewis

Project: DEL MONTE PLANT 35
 Submitted: February 14, 1994

Project#: BAE28830.A2

re: One sample for Volatile Halogenated Compounds analysis.

Sample: MW-7

Matrix: WATER

Lab #: 43617-2299 Sampled: February 14, 1994 Analyzed: February 17, 1994

Method: EPA 601

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	0.70	0.5	N.D.	--
BROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	--
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	2.0	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	16	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	95
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHENE	13	0.5	N.D.	97
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	11	0.5	N.D.	95
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	97
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
PERON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
 David Wintergrass
 Chemist

Eric Tam
 Eric Tam
 Laboratory Director

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 22, 1994

ChromaLab File#: 9402175

CH2M HILL OAKLAND

Atten: Ken Lewis

Project: DEL MONTE PLANT 35
 Submitted: February 14, 1994

Project#: BAE20830.A2

re: One sample for Volatile Halogenated Compounds analysis.

Sample: MW-9

Matrix: WATER

Lab #: 43616-2299 Sampled: February 14, 1994 Analyzed: February 17, 1994

Method: EPA 601

ANALYTE	RESULT (ug/L.)	REPORTING LIMIT (ug/L.)	BLANK RESULT (ug/L.)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	4.2	0.5	N.D.	--
BROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	--
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	2.8	0.5	N.D.	--
CIS 1,2 DICHLOROETHENE	28	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	95
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHENE	11	0.5	N.D.	97
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS 1,3 DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	25	0.5	N.D.	95
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	97
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.



David Wintergrass
 Chemist



Eric Tam
 Laboratory Director

CHROMALAB, INC.

5 DAYS TURNAROUND

Environmental Laboratory (1094)

February 22, 1994

ChromaLab File#: 9402175

CH2M HILL OAKLAND

Atten: Ken Lewis

Project: DEL MONTE PLANT 35
 Submitted: February 14, 1994

Project#: BAE28830.A2

re: One sample for Volatile Halogenated Compounds analysis.

Sample: MW-10 Matrix: WATER
 Lab #: 43618-2299 Sampled: February 14, 1994 Analysed: February 17, 1994
 Method: EPA 601

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	N.D.	0.5	N.D.	--
BROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	--
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	0.90	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	9.0	0.5	N.D.	95
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	97
TRICHLOROETHENE	5.4	0.5	N.D.	--
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS 1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	95
TETRACHLOROETHENE	4.4	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLORO BENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	97
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
 David Wintergrass
 Chemist

Eric Tam
 Eric Tam
 Laboratory Director

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

February 22, 1994

ChromaLab File#: 9402175

CH2M HILL OAKLAND

Atten: Ken Lewis

Project: DEL MONTE PLANT 35
 Submitted: February 14, 1994

Project#: BAE28830.A2

re: One sample for Volatile Halogenated Compounds analysis.

Sample: MW-11

Matrix: WATER

Lab #: 43619-2299 Sampled: February 11, 1994 Analyzed: February 17, 1994

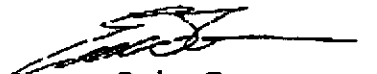
Method: EPA 601

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	1.5	0.5	N.D.	--
BROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	0.5	N.D.	--
1,1-DICHLOROETHENE	N.D.	0.5	N.D.	--
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	0.80	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	11	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	95
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	2.0	0.5	N.D.	--
TRICHLOROETHENE	52	0.5	N.D.	97
1,2-DICHLOROPROPANE	2.6	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	5.6	0.5	N.D.	95
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLORO BENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,1,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	97
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.



David Wintergrass
 Chemist



Eric Tam
 Laboratory Director



QUALITY ANALYTICAL
LABORATORIES, INC.

March 23, 1994

LRD010000.XY

Mr. Peter Schoen
Decon Environmental Services
23490 Connecticut Street
Hayward, CA 94545

RE: Analytical Data for Del Monte Plant 35, LRD Lab Reference No. RD-37693

Dear Mr. Schoen:

On March 10, 1994, QAL (LRD) received two samples with a request for analysis of selected organic parameters.

The analytical results and associated quality control data are enclosed. Any unusual difficulties encountered during the analyses of this sample are discussed in the case narratives.

Under QAL policy, your samples will be stored for up to 30 days after reporting. If you have not given us prior instructions for disposal, we will contact you if any samples require disposal as hazardous waste.

QAL appreciates your business and looks forward to serving your analytical needs again. If you should have any questions concerning the data, or if you need additional information, please call Client Services at (916) 244-5227.

Sincerely,

Christine E. Sutton
Senior Data Package Specialist

Enclosures

cc: Bern Baumgartner/SFO

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ORGANIC DATA QUALIFIERS

- U Indicates the compound was analyzed for, but not detected. The number adjacent to the "U" qualifier indicates the reporting limit for that compound. The reporting limit can vary from sample to sample depending on dilution factors or percent moisture adjustment when indicated.
- J Indicates an estimated value. It is used when the data indicates the presence of a compound below the stated reporting limit.
- C This flag applies to GC analytes only. The "C" flag indicates the presence of this compound has been confirmed by GC/MS analysis.
- B This flag is used when the analyte is found in the associated blank, as well as the sample. This notation indicates possible blank contamination and suggests the data user evaluate these compounds and their amounts carefully.
- E This qualifier indicates that the value reported exceeds the linear calibration range for that compound. Therefore, the sample should be reanalyzed at an appropriate dilution. The "E" qualified amount is an estimated concentration, and the results of the dilution will be reported on a separate Form I.
- D This qualifier indicates compounds which have been identified during a diluted reanalysis. "D" qualifiers are used for samples that have been analyzed initially at a lesser dilution than required for accurate quantification.

SAMPLE ID QUALIFIERS

The qualifiers that may be appended to the sample ID for organic analyses are defined below:

- DL -- Dilution Run. Indicates the sample contained compounds exceeding the calibration range. The sample was diluted and reanalyzed. Both results are reported.
- R -- Rerun. The sample was reanalyzed. The "R" is not used if the sample was also re-extracted.
- RX -- Re-extraction Analysis. The sample was re-extracted and reanalyzed.
- RD -- Diluted Rerun. The sample was re-extracted and a dilution was also required.
- MS -- Matrix Spike (may be followed by a digit to indicate multiple matrix spikes within a sample set)
- MSD -- Matrix Spike Duplicate (may be followed by a digit to indicate multiple matrix spike duplicates within a sample set)

CLIENT SAMPLE CROSS-REFERENCE

QAL Reference No. RD-37693

Client Sample ID	QAL Lab Sample ID
SP-D	RD-37693001
SP-B	RD-37693002

**CASE NARRATIVE FOR
HALOCARBONS**

LABORATORY : QAL	CLIENT : DECON ENVIRONMENTAL Del Monte Plant 35
CASE NO. : N/A	CONTRACT NO.: N/A
LAB REF. NO.: 37693	SDG NO. : 37693

I. RECEIPT

A. Date: March 10, 1994

B. Sample Information:

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLE MATRIX</u>	<u>DATE SAMPLED</u>	<u>DATE EXTRACTED</u>	<u>DATE ANALYZED</u>
37693001	SP-D	WATER	03/09/94	N/A	03/15/94
37693001-DL	SP-D-DL	WATER	03/09/94	N/A	03/17/94
37693002	SP-B	WATER	03/09/94	N/A	03/15/94
METHOD BLK	N/A	WATER	N/A	N/A	03/15/94
METHOD BLK	N/A	WATER	N/A	N/A	03/17/94

C. Documentation
Exceptions : No exceptions were encountered.

II. EXTRACTION

A. Holding Times: Medium level protocol was not performed, therefore, holding times are not applicable.

B. Extraction
Exceptions : Not applicable.

III. ANALYSIS

A. Holding Times: Holding times were met.

B. Analytical
Exceptions : Sample 37693001-DL (SP-D-DL) was analyzed at a 5:1 dilution due to target compounds. Reporting limits have been adjusted accordingly.

IV. QUALITY CONTROL

A. Method Blank : The associated method blank met QC acceptance criteria.

B. Surrogate
Recoveries : All surrogates were within QC limits.

mws. 1994A

Quality Analytical
Laboratories Inc.

5090 Caterpillar Road,
Redding, CA 96003-1412

916 244-5227
Fax No. 916 244-4109

000001

Report of Analytical Data - Halocarbons

Client : DECON ENVIRONMENTAL
 Project: DEL MONTE PLANT #35
 Proj No: N/A
 Method : EPA 601(MOD)
 Matrix : WATER
 Sampler: N/A

Laboratory : QAL
 Lab Sample ID : 37693001
 % Moisture : N/A
 Dilution Factor: 1
 Instrument ID : VARIAN-3600

Date Sampled: 03/09/94
 Date Received: 03/10/94
 Date Extracted: N/A
 Date Analyzed: 03/15/94
 Analyst: CD
 Date Reported: 03/22/94

Client Sample ID/Description: SP-D

CAS Number	Compound	Reporting Limit	Sample Result	Reporting Units
74-87-3	Chloromethane	1.0	U	ug/L
74-83-9	Bromomethane	1.0	U	ug/L
75-71-8	Dichlorodifluoromethane	1.0	U	ug/L
75-01-4	Vinyl chloride	1.0	U	ug/L
75-00-3	Chloroethane	1.0	U	ug/L
75-09-2	Dichloromethane	5.0	U	ug/L
75-69-4	Trichlorofluoromethane	1.0	U	ug/L
75-35-4	1,1-Dichloroethene	1.0	U	ug/L
75-34-3	1,1-Dichloroethane	1.0	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1.0	U	ug/L
67-66-3	Chloroform	1.0	U	ug/L
107-06-2	1,2-Dichloroethane	1.0	U	ug/L
71-55-6	1,1,1-Trichloroethane	1.0	U	ug/L
56-23-5	Carbon tetrachloride	1.0	U	ug/L
75-27-4	Bromodichloromethane	1.0	U	ug/L
78-87-5	1,2-Dichloropropane	1.0	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.0	U	ug/L
79-01-6	Trichloroethene	1.0	140 [^]	ug/L
124-48-1	Dibromochloromethane	1.0	U	ug/L
79-00-5	1,1,2-Trichloroethane	1.0	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1.0	U	ug/L
75-25-2	Bromoform	1.0	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	ug/L
127-18-4	Tetrachloroethene	1.0	4.4	ug/L
108-90-7	Chlorobenzene	1.0	U	ug/L
541-73-1	1,3-Dichlorobenzene	1.0	U	ug/L
95-50-1	1,2-Dichlorobenzene	1.0	U	ug/L
106-46-7	1,4-Dichlorobenzene	1.0	U	ug/L
110-56-5	1,4-Dichlorobutane-SS		97	% rec.

U = Compound analyzed for but not detected above reporting limit.
 SS = Surrogate Standard reported as percent recovery.

Comments: ^ = Value outside linear range of instrument.

Reviewed by: *Brian H. Wells*

Client : DECON ENVIRONMENTAL
 Project: DEL MONTE PLANT #35
 Proj No: N/A
 Method : EPA 601(MOD)
 Matrix : WATER
 Sampler: N/A

Laboratory : QAL
 Lab Sample ID : 37693001-DL
 % Moisture : N/A
 Dilution Factor: 5
 Instrument ID : VARIAN-3600

Date Sampled: 03/09/94
 Date Received: 03/10/94
 Date Extracted: N/A
 Date Analyzed: 03/17/94
 Analyst: CD
 Date Reported: 03/22/94

Client Sample ID/Description: SP-D-DL

CAS Number	Compound	Reporting Limit	Sample Result	Reporting Units
74-87-3	Chloromethane	5.0	U	ug/L
74-83-9	Bromomethane	5.0	U	ug/L
75-71-8	Dichlorodifluoromethane	5.0	U	ug/L
75-01-4	Vinyl chloride	5.0	U	ug/L
75-00-3	Chloroethane	5.0	U	ug/L
75-09-2	Dichloromethane	25	U	ug/L
75-69-4	Trichlorofluoromethane	5.0	U	ug/L
75-35-4	1,1-Dichloroethene	5.0	U	ug/L
75-34-3	1,1-Dichloroethane	5.0	U	ug/L
156-60-5	trans-1,2-Dichloroethene	5.0	U	ug/L
67-66-3	Chloroform	5.0	U	ug/L
107-06-2	1,2-Dichloroethane	5.0	U	ug/L
71-55-6	1,1,1-Trichloroethane	5.0	U	ug/L
56-23-5	Carbon tetrachloride	5.0	U	ug/L
75-27-4	Bromodichloromethane	5.0	U	ug/L
78-87-5	1,2-Dichloropropane	5.0	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	5.0	U	ug/L
79-01-6	Trichloroethene	5.0	130	ug/L
124-48-1	Dibromochloromethane	5.0	U	ug/L
79-00-5	1,1,2-Trichloroethane	5.0	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	5.0	U	ug/L
75-25-2	Bromoform	5.0	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	ug/L
127-18-4	Tetrachloroethene	5.0	U	ug/L
108-90-7	Chlorobenzene	5.0	U	ug/L
541-73-1	1,3-Dichlorobenzene	5.0	U	ug/L
95-50-1	1,2-Dichlorobenzene	5.0	U	ug/L
106-46-7	1,4-Dichlorobenzene	5.0	U	ug/L
110-56-5	1,4-Dichlorobutane-SS		94	% rec.

U = Compound analyzed for but not detected above reporting limit.
 SS = Surrogate Standard reported as percent recovery.

Comments:

Reviewed by: Brian Heers

FORM 1

Report of Analytical Data - Halocarbons

Client : DECON ENVIRONMENTAL
 Project: DEL MONTE PLANT #35
 Proj No: N/A
 Method : EPA 601(MOD)
 Matrix : WATER
 Sampler: N/A

Laboratory : QAL
 Lab Sample ID : 37693002
 % Moisture : N/A
 Dilution Factor: 1
 Instrument ID : VARIAN-3600

Date Sampled: 03/09/94
 Date Received: 03/10/94
 Date Extracted: N/A
 Date Analyzed: 03/15/94
 Analyst: CD
 Date Reported: 03/22/94

Client Sample ID/Description: SP-B

CAS Number	Compound	Reporting Limit	Sample Result	Reporting Units
74-87-3	Chloromethane	1.0	U	ug/L
74-83-9	Bromomethane	1.0	U	ug/L
75-71-8	Dichlorodifluoromethane	1.0	U	ug/L
75-01-4	Vinyl chloride	1.0	U	ug/L
75-00-3	Chloroethane	1.0	U	ug/L
75-09-2	Dichloromethane	5.0	U	ug/L
75-69-4	Trichlorofluoromethane	1.0	U	ug/L
75-35-4	1,1-Dichloroethene	1.0	U	ug/L
75-34-3	1,1-Dichloroethane	1.0	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1.0	U	ug/L
67-66-3	Chloroform	1.0	U	ug/L
107-06-2	1,2-Dichloroethane	1.0	U	ug/L
71-55-6	1,1,1-Trichloroethane	1.0	U	ug/L
56-23-5	Carbon tetrachloride	1.0	U	ug/L
75-27-4	Bromodichloromethane	1.0	U	ug/L
78-87-5	1,2-Dichloropropane	1.0	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.0	U	ug/L
79-01-6	Trichloroethene	1.0	4.9	ug/L
124-48-1	Dibromochloromethane	1.0	U	ug/L
79-00-5	1,1,2-Trichloroethane	1.0	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1.0	U	ug/L
75-25-2	Bromoform	1.0	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	ug/L
127-18-4	Tetrachloroethene	1.0	U	ug/L
108-90-7	Chlorobenzene	1.0	U	ug/L
541-73-1	1,3-Dichlorobenzene	1.0	U	ug/L
95-50-1	1,2-Dichlorobenzene	1.0	U	ug/L
106-46-7	1,4-Dichlorobenzene	1.0	U	ug/L
110-56-5	1,4-Dichlorobutane-SS		96	% rec.

U = Compound analyzed for but not detected above reporting limit.
 SS = Surrogate Standard reported as percent recovery.

Comments:

Reviewed by: Brian G. Jones

FORM I

Report of Analytical Data - Halocarbons

Client : DECON ENVIRONMENTAL
 Project: DEL MONTE PLANT #35
 Proj No: N/A
 Method : EPA 601(MOD)
 Matrix : WATER
 Sampler: N/A

Laboratory : QAL
 Lab Sample ID : METHOD BLANK
 % Moisture : 100.0
 Dilution Factor: 1
 Instrument ID : GC-3600

Date Sampled : N/A
 Date Received : N/A
 Date Extracted: N/A
 Date Analyzed : 03/15/94
 Analyst : C.D.
 Date Reported : 03/22/94

Client Sample ID/Description: N/A

CAS Number	Compound	Reporting Limit	Method Blank Result	Reporting Units
74-87-3	Chloromethane	1.0	U	ug/L
74-83-9	Bromomethane	1.0	U	ug/L
75-71-8	Dichlorodifluoromethane	1.0	U	ug/L
75-01-4	Vinyl chloride	1.0	U	ug/L
75-00-3	Chloroethane	1.0	U	ug/L
75-09-2	Dichloromethane	5.0	U	ug/L
75-69-4	Trichlorofluoromethane	1.0	U	ug/L
75-35-4	1,1-Dichloroethene	1.0	U	ug/L
75-34-3	1,1-Dichloroethane	1.0	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1.0	U	ug/L
67-66-3	Chloroform	1.0	U	ug/L
107-06-2	1,2-Dichloroethane	1.0	U	ug/L
71-55-6	1,1,1-Trichloroethane	1.0	U	ug/L
56-23-5	Carbon tetrachloride	1.0	U	ug/L
75-27-4	Bromodichloromethane	1.0	U	ug/L
78-87-5	1,2-Dichloropropane	1.0	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.0	U	ug/L
79-01-6	Trichloroethene	1.0	U	ug/L
124-48-1	Dibromochloromethane	1.0	U	ug/L
79-00-5	1,1,2-Trichloroethane	1.0	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1.0	U	ug/L
75-25-2	Bromoform	1.0	U	ug/L
79-34-5	1,1,1,2-Tetrachloroethane	1.0	U	ug/L
127-18-4	Tetrachloroethene	1.0	U	ug/L
108-90-7	Chlorobenzene	1.0	U	ug/L
541-73-1	1,3-Dichlorobenzene	1.0	U	ug/L
95-50-1	1,2-Dichlorobenzene	1.0	U	ug/L
106-46-7	1,4-Dichlorobenzene	1.0	U	ug/L
110-56-5	1,4-Dichlorobutane-SS		94	% rec.

U = Compound analyzed for but not detected above reporting limit.
 SS = Surrogate Standard reported as percent recovery.

Comments:

Reviewed by: Brian G. [Signature]

FORM I

mws.1994A

Quality Analytical
 Laboratories Inc.

5090 Caterpillar Road,
 Redding, CA 96003-1412

916 244-5227
 Fax No. 916 244-4109

000006

Report of Analytical Data - Halocarbons

Client : DECON ENVIRONMENTAL
 Project: DEL MONTE PLANT #35
 Proj No: N/A
 Method : EPA 601(MOD)
 Matrix : WATER
 Sampler: N/A

Laboratory : QAL
 Lab Sample ID : METHOD BLANK
 % Moisture : 100.0
 Dilution Factor: 1
 Instrument ID : GC-3600

Date Sampled : N/A
 Date Received : N/A
 Date Extracted : N/A
 Date Analyzed : 03/17/94
 Analyst : C.D.
 Date Reported : 03/22/94

Client Sample ID/Description: N/A

CAS Number	Compound	Reporting	Method Blank	Reporting
		Limit	Result	Units
74-87-3	Chloromethane	1.0	U	ug/L
74-83-9	Bromomethane	1.0	U	ug/L
75-71-8	Dichlorodifluoromethane	1.0	U	ug/L
75-01-4	Vinyl chloride	1.0	U	ug/L
75-00-3	Chloroethane	1.0	U	ug/L
75-09-2	Dichloromethane	5.0	U	ug/L
75-69-4	Trichlorofluoromethane	1.0	U	ug/L
75-35-4	1,1-Dichloroethene	1.0	U	ug/L
75-34-3	1,1-Dichloroethane	1.0	U	ug/L
156-60-5	trans-1,2-Dichloroethene	1.0	U	ug/L
67-66-3	Chloroform	1.0	U	ug/L
107-06-2	1,2-Dichloroethane	1.0	U	ug/L
71-55-6	1,1,1-Trichloroethane	1.0	U	ug/L
56-23-5	Carbon tetrachloride	1.0	U	ug/L
75-27-4	Bromodichloromethane	1.0	U	ug/L
78-87-5	1,2-Dichloropropane	1.0	U	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.0	U	ug/L
79-01-6	Trichloroethene	1.0	U	ug/L
124-48-1	Dibromochloromethane	1.0	U	ug/L
79-00-5	1,1,2-Trichloroethane	1.0	U	ug/L
10061-02-6	trans-1,3-Dichloropropene	1.0	U	ug/L
75-25-2	Bromoform	1.0	U	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	ug/L
127-18-4	Tetrachloroethene	1.0	U	ug/L
108-90-7	Chlorobenzene	1.0	U	ug/L
541-73-1	1,3-Dichlorobenzene	1.0	U	ug/L
95-50-1	1,2-Dichlorobenzene	1.0	U	ug/L
106-46-7	1,4-Dichlorobenzene	1.0	U	ug/L
110-56-5	1,4-Dichlorobutane-SS		93	% rec.

U = Compound analyzed for but not detected above reporting limit.
 SS = Surrogate Standard reported as percent recovery.

Comments:

Reviewed by: *Brian Goss*

FORM I

CH2M HILL Project # 00000000000000000000		Purchase Order # 29383		LAB TEST CODES												SHADED AREA - FOR LAB USE ONLY					
Project Name DEL MONTE PLANT 35				# OF CONTAINERS													Lab 1 # 37693	Lab 2 #			
Company Name/CH2M HILL Office DECON ENVIRONMENTAL																	Quote #	Kit Request #			
Project Manager & Phone # Mr. PETER SCHOEN		Report Copy to: P. SCHOEN / DECON B. BAUMGARTNER / HILL			ANALYSES REQUESTED												Project #				
Requested Completion Date: STD. TAT		Sampling Requirements SDWA <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER <input type="checkbox"/>			Sample Disposal: Dispose <input checked="" type="checkbox"/> Return <input checked="" type="checkbox"/>														No. of Samples		Page
Date		Time		Type		Matrix													CLIENT SAMPLE ID (9 CHARACTERS)		
3444		7:08		X		✓		S P - D						3		2					
		7:10		✓		✓		S P - B						3		2					
Sampled By & Title <i>Peter Schoen</i> PETER SCHOEN PROJ. MGR.				Date/Time 3.4.94 7:15		Relinquished By <i>P. Schoen</i> P. SCHOEN				Date/Time 3.4.94 8:30		HAZWRAP/NESSA									
Received By				Date/Time		Relinquished By				Date/Time		QC Level (1) 2 3 4 5									
Received By				Date/Time		Relinquished By				Date/Time		COC Rec <input checked="" type="checkbox"/> ICE									
Received By				Date/Time		Relinquished By				Date/Time		Anal Req <input checked="" type="checkbox"/> TERM									
Received By <i>Nicholas...</i>				Date/Time 3/14/94 1000		Shipped Via UPS BUS Fed-Ex Hand Other				Shipping #											
Work Authorized By				Remarks																	

000000

Analytical Laboratory Report

EPA Methods 8010/8020

Date Sampled: 11-Apr-94
Date Received: 11-Apr-94
Date Analyzed: 11-Apr-94
Date Reported: 27-Apr-94

Project Manager: Madeline Wall
Client: CH2MHill
Project Number: BAE28830.22.08
Report Number: 2A03708.HAL
cc: Bern Baumgartner
Matrix: water
Dilution Factor: 1

Lab ID Number: 2A03708
Field ID Number: MW-7

Analytes	Results	DL	Analytes	Results	DL
Benzene	NR	0.5	1,1-Dichloroethene	ND	0.5
Bromodichloromethane	ND	0.5	total-1,2-Dichloroethene	13	0.5
Bromoform	ND	0.5	1,2-Dichloropropane	ND	0.5
Bromomethane	ND	1	cis-1,3-Dichloropropene	ND	0.5
Carbon tetrachloride	ND	0.5	trans-1,3-Dichloropropene	ND	0.5
Chlorobenzene	ND	0.5	Ethylbenzene	NR	0.5
Chloroethane	ND	1	Methylene chloride	ND	0.5
2-Chloroethylvinylether	ND	2	1,1,2,2-Tetrachloroethane	ND	0.5
Chloroform	ND	0.5	Tetrachloroethene	10	0.5
Chloromethane	ND	1	Toluene	NR	0.5
Dibromochloromethane	ND	0.5	1,1,1-Trichloroethane	ND	0.5
1,2-Dichlorobenzene	ND	1	1,1,2-Trichloroethane	ND	0.5
1,3-Dichlorobenzene	ND	1	Trichloroethene	12	0.5
1,4-Dichlorobenzene	ND	1	Trichlorofluoromethane	ND	1
Dichlorodifluoromethane	ND	1	1,1,2-Trichlorotrifluoroethane	NR	1
1,1-Dichloroethane	ND	0.5	Vinyl chloride	ND	1
1,2-Dichloroethane	ND	0.5	Total-Xylenes	NR	0.5
Units:	ug/l	ug/l		ug/l	ug/l

ELCD Surrogate % Recovery:	108	70% to 120%	PID Surrogate % Recovery:	NR	70% to 120%
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NOTES:

- NR - Not requested
- COC - Chain of custody
- ND - Analytes not detected at, or above the stated detection limit.
- ug/l - Micrograms per liter (PPB).
- DL - Detection limit.
- DF - Dilution Factor
- PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample.

PROCEDURES:

This analysis was performed using EPA Method 8010, EPA Method 8020, and EPA Method 5030.

CERTIFICATION:

California Department of Health Services, ELAP Certificate # 1842
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538, (510) 490-8571

Emilia P. Pyle
Laboratory Director

4-27-94
Date

Analytical Laboratory Report

EPA Methods 8010/8020

Date Sampled: 11-Apr-94
Date Received: 11-Apr-94
Date Analyzed: 11-Apr-94
Date Reported: 27-Apr-94

Project Manager: Madeline Wall
Client: CH2MHill
Project Number: BAE28830.22.08
Report Number: 2A03709.HAL
cc: Bern Baumgartner
Matrix: water
Dilution Factor: 1

Lab ID Number: 2A03709
Field ID Number: MW-9

Analytes	Results	DL	Analytes	Results	DL
Benzene	NR	0.5	1,1-Dichloroethene	ND	0.5
Bromodichloromethane	ND	0.5	total-1,2-Dichloroethene	18	0.5
Bromoform	ND	0.5	1,2-Dichloropropane	ND	0.5
Bromomethane	ND	1	cis-1,3-Dichloropropene	ND	0.5
Carbon tetrachloride	ND	0.5	trans-1,3-Dichloropropene	ND	0.5
Chlorobenzene	ND	0.5	Ethylbenzene	NR	0.5
Chloroethane	ND	1	Methylene chloride	ND	0.5
2-Chloroethylvinylether	ND	2	1,1,2,2-Tetrachloroethane	ND	0.5
Chloroform	ND	0.5	Tetrachloroethene	18	0.5
Chloromethane	ND	1	Toluene	NR	0.5
Dibromochloromethane	ND	0.5	1,1,1-Trichloroethane	ND	0.5
1,2-Dichlorobenzene	ND	1	1,1,2-Trichloroethane	ND	0.5
1,3-Dichlorobenzene	ND	1	Trichloroethene	9.0	0.5
1,4-Dichlorobenzene	ND	1	Trichlorofluoromethane	ND	1
Dichlorodifluoromethane	ND	1	1,1,2-Trichlorotrifluoroethane	NR	1
1,1-Dichloroethane	ND	0.5	Vinyl chloride	1.6	1
1,2-Dichloroethane	ND	0.5	Total-Xylenes	NR	0.5
Units:	ug/l	ug/l		ug/l	ug/l

ELCD Surrogate % Recovery:	107	70% to 120%	PID Surrogate % Recovery:	NR	70% to 120%
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NOTES:

- NR - Not requested
- COC - Chain of custody
- ND - Analytes not detected at, or above the stated detection limit.
- ug/l - Micrograms per liter (PPB).
- DL - Detection limit.
- DF - Dilution Factor
- PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample.

PROCEDURES:

This analysis was performed using EPA Method 8010, EPA Method 8020, and EPA Method 5030.

CERTIFICATION:

California Department of Health Services, ELAP Certificate # 1842
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538, (510) 490-8571

Emilia P. Pyle

Laboratory Director

4-27-94

Date

Analytical Laboratory Report

EPA Methods 8010/8020

Date Sampled:	11-Apr-94	Project Manager:	Madeline Wall
Date Received:	11-Apr-94	Client:	CH2MHill
Date Analyzed:	11-Apr-94	Project Number:	BAE28830.22.08
Date Reported:	27-Apr-94	Report Number:	2A03710.HAL
		cc:	Bern Baumgartner
Lab ID Number:	2A03710	Matrix:	water
Field ID Number:	MW-10	Dilution Factor:	1

Analytes	Results	DL	Analytes	Results	DL
Benzene	NR	0.5	1,1-Dichloroethene	ND	0.5
Bromodichloromethane	ND	0.5	total-1,2-Dichloroethene	3.7	0.5
Bromoform	ND	0.5	1,2-Dichloropropane	ND	0.5
Bromomethane	ND	1	cis-1,3-Dichloropropene	ND	0.5
Carbon tetrachloride	ND	0.5	trans-1,3-Dichloropropene	ND	0.5
Chlorobenzene	ND	0.5	Ethylbenzene	NR	0.5
Chloroethane	ND	1	Methylene chloride	ND	0.5
2-Chloroethylvinylether	ND	2	1,1,2,2-Tetrachloroethane	ND	0.5
Chloroform	ND	0.5	Tetrachloroethene	1.5	0.5
Chloromethane	ND	1	Toluene	NR	0.5
Dibromochloromethane	ND	0.5	1,1,1-Trichloroethane	ND	0.5
1,2-Dichlorobenzene	ND	1	1,1,2-Trichloroethane	ND	0.5
1,3-Dichlorobenzene	ND	1	Trichloroethene	2.2	0.5
1,4-Dichlorobenzene	ND	1	Trichlorofluoromethane	ND	1
Dichlorodifluoromethane	ND	1	1,1,2-Trichlorotrifluoroethane	NR	1
1,1-Dichloroethane	ND	0.5	Vinyl chloride	ND	1
1,2-Dichloroethane	ND	0.5	Total-Xylenes	NR	0.5
Units:	ug/l	ug/l		ug/l	ug/l

ELCD Surrogate % Recovery:	97	70% to 120%	PID Surrogate % Recovery:	NR	70% to 120%
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NOTES:

- NR - Not requested
- COC - Chain of custody
- ND - Analytes not detected at, or above the stated detection limit.
- ug/l - Micrograms per liter (PPB).
- DL - Detection limit.
- DF - Dilution Factor
- PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample.

PROCEDURES:

This analysis was performed using EPA Method 8010, EPA Method 8020, and EPA Method 5030.

CERTIFICATION:

California Department of Health Services, ELAP Certificate # 1842
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538, (510) 490-8571

Emilia P. Pyle

Laboratory Director

4-27-94
Date

Analytical Laboratory Report

EPA Methods 8010/8020

Date Sampled:	11-Apr-94	Project Manager:	Madeline Wall
Date Received:	11-Apr-94	Client:	CH2MHill
Date Analyzed:	11-Apr-94	Project Number:	BAE28830.22.08
Date Reported:	27-Apr-94	Report Number:	2A03711.HAL
		cc:	Bern Baumgartner
Lab ID Number:	2A03711	Matrix:	water
Field ID Number:	MW-11	Dilution Factor:	2

Analytes	Results	DL	Analytes	Results	DL
Benzene	NR	0.5	1,1-Dichloroethene	ND	0.5
Bromodichloromethane	ND	0.5	total-1,2-Dichloroethene	10	0.5
Bromoform	ND	0.5	1,2-Dichloropropane	2.7	0.5
Bromomethane	ND	1	cis-1,3-Dichloropropene	ND	0.5
Carbon tetrachloride	ND	0.5	trans-1,3-Dichloropropene	ND	0.5
Chlorobenzene	ND	0.5	Ethylbenzene	NR	0.5
Chloroethane	ND	1	Methylene chloride	ND	0.5
2-Chloroethylvinylether	ND	2	1,1,2,2-Tetrachloroethane	ND	0.5
Chloroform	ND	0.5	Tetrachloroethene	4.9	0.5
Chloromethane	ND	1	Toluene	NR	0.5
Dibromochloromethane	ND	0.5	1,1,1-Trichloroethane	ND	0.5
1,2-Dichlorobenzene	ND	1	1,1,2-Trichloroethane	ND	0.5
1,3-Dichlorobenzene	ND	1	Trichloroethene	57	0.5
1,4-Dichlorobenzene	ND	1	Trichlorofluoromethane	ND	1
Dichlorodifluoromethane	ND	1	1,1,2-Trichlorotrifluoroethane	NR	1
1,1-Dichloroethane	ND	0.5	Vinyl chloride	ND	1
1,2-Dichloroethane	ND	0.5	Total-Xylenes	NR	0.5
Units:	ug/l	ug/l		ug/l	ug/l

ELCD Surrogate % Recovery:	105	70% to 120%	PID Surrogate % Recovery:	NR	70% to 120%
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NOTES:

- NR - Not requested
- COC - Chain of custody
- ND - Analytes not detected at, or above the stated detection limit.
- ug/l - Micrograms per liter (PPB).
- DL - Detection limit.
- DF - Dilution Factor
- PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample.

PROCEDURES:

This analysis was performed using EPA Method 8010, EPA Method 8020, and EPA Method 5030.

CERTIFICATION:

California Department of Health Services, ELAP Certificate # 1842
Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538, (510) 490-8571

Emma P. Pyle
Laboratory Director

4-27-94
Date

Analytical Laboratory Report

EPA Methods 601 / 602

Date Sampled: 11-Apr-94
Date Received: 11-Apr-94
Date Analyzed: 11-Apr-94
Date Reported: 27-Apr-94

Lab ID Number: 2A03712
Field ID Number: MW-12

Project Manager: Madeline Wall
Client: CH2MHill
Project Number: BAE28830.22.08
Report Number: 2A03712.HAL
cc: Bern Baumgartner
Matrix: water
Dilution Factor: 5

Analytes	Results	DL	Analytes	Results	DL
Benzene	NR	0.5	1,1-Dichloroethene	ND	0.5
Bromodichloromethane	ND	0.5	total-1,2-Dichloroethene	25	0.5
Bromoform	ND	0.5	1,2-Dichloropropane	ND	0.5
Bromomethane	ND	1	cis-1,3-Dichloropropene	ND	0.5
Carbon tetrachloride	ND	0.5	trans-1,3-Dichloropropene	ND	0.5
Chlorobenzene	ND	0.5	Ethylbenzene	NR	0.5
Chloroethane	ND	1	Methylene chloride	ND	0.5
2-Chloroethylvinylether	ND	2	1,1,2-Tetrachloroethane	ND	0.5
Chloroform	ND	0.5	Tetrachloroethene	13	0.5
Chloromethane	ND	1	Toluene	NR	0.5
Dibromochloromethane	ND	0.5	1,1,1-Trichloroethane	ND	0.5
1,2-Dichlorobenzene	ND	1	1,1,2-Trichloroethane	ND	0.5
1,3-Dichlorobenzene	ND	1	Trichloroethene	100	0.5
1,4-Dichlorobenzene	ND	1	Trichlorofluoromethane	ND	1
Dichlorodifluoromethane	ND	1	1,1,2-Trichlorotrifluoroethane	NR	1
1,1-Dichloroethane	ND	0.5	Vinyl chloride	ND	1
1,2-Dichloroethane	ND	0.5	Total-Xylenes	NR	0.5
Units:	ug/l	ug/l		ug/l	ug/l

ELCD Surrogate % Recovery:	105	70% to 120%	PID Surrogate % Recovery:	NR	70% to 120%
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NOTES:
 NR - Not requested
 COC - Chain of custody
 ND - Analytes not detected at, or above the stated detection limit.
 ug/l - Micrograms per liter (PPB).
 DL - Detection limit.
 DF - Dilution Factor
 PQL - Practical Quantitation Limit - Multiply DL by the DF to obtain the PQL for a specific sample.

PROCEDURES:
 This analysis was performed using EPA Method 8010, EPA Method 8020, and EPA Method 5030.

CERTIFICATION:
 California Department of Health Services, ELAP Certificate # 1842
 Onsite Environmental Laboratories, 5500 Boscell Common, Fremont, CA 94538, (510) 490-8571

Emma P. Pyle

 Laboratory Director

4-27-94

 Date



QUALITY ANALYTICAL
LABORATORIES, INC.

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project # B0226601.22.25		Purchase Order #		LAB TEST CODES										SHADED AREA-- FOR LAB USE ONLY																	
Project Name GW MONITORING				# OF CONTAINERS 601	ANALYSES REQUESTED										Lab 1 #		Lab 2 #														
Company Name DEL MONTE PLANT 35															Quote #		Kit Request #														
Project Manager & Phone # Mr. [] Ms. [] Dr. [] MADELINE WALL		Report Copy to:													Project #																
Requested Completion Date: 14 DAYS		Sampling Requirements SDWA NPDES RCRA OTHER <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>													Sample Disposal: Dispose <input type="checkbox"/> Return <input type="checkbox"/>		No. of Samples	Page	of												
Sampling	Type	Matrix	CLIENT SAMPLE ID (9 CHARACTERS)												COC Rev	Logh	LIMS Ver	Ack Gen													
Date	Time	C O M P	G A R B												W A T E R	S O I L											REMARKS		LAB 1 ID	LAB 2 ID	
4/4/94	10:30	X	X														MW-10														
4/4/94	11:45	X	X														MW-7														
4/4/94	12:35	X	X														MW-9														
4/4/94	13:35	X	X														MW-12														
4/4/94	14:45	X	X			MW-11																									
4/4/94						TP																									
Sampled By & Title Macy Medina		Date/Time 4/11/94 16:00		Relinquished By Macy Medina		Date/Time 4/11/94 16:05		HAZWRAP/NESSA: Y N																							
Received By John Perrota		Date/Time 4-11-94		Relinquished By		Date/Time		QC Level: 1 2 3 Other: _____																							
Received By		Date/Time		Relinquished By		Date/Time		COC Rec ICE																							
Received By		Date/Time		Relinquished By		Date/Time		Ana Req TEMP																							
Received By		Date/Time		Relinquished By		Date/Time		Cust Seal Ph																							
Work Authorized By		Date/Time		Shipped Via UPS BUS Fed-Ex Hand Other _____		Shipping #																									
Work Authorized By		Date/Time		Remarks All samples taken on 4/11/94		Remarks																									

ATTACHMENT B

GET System Inspection Logs

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>5.41</u>	ft.	<u>7:52</u>	time
PW-2	<u>4.56</u>	ft.	<u>7:57</u>	time

Monitoring Wells -

MW-7	<u>7.28</u>	ft.	<u>7:42</u>	time
MW-9	<u>9.37</u>	ft.	<u>7:47</u>	time
MW-10	<u>7.10</u>	ft.	<u>7:44</u>	time
MW-11	<u>7.23</u>	ft.	<u>7:49</u>	time

Total GET Effluent 1588,737.3 gal. 7:38 time

Time req'd: 20 min

GET System:

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

Before bag filter: _____ psi. *not running*

After bag filter: _____ 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 X



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: 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: no power to start system.

Name (printed): Peter Schoen Signature: PETER SCHOEN
Start Time: 7:30 Finish Time: 8:15



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

SYSTEM NOT RUNNING.

Total GET Effluent 1588 737.3 gal. 14:39 time

Time req'd: 2 min

GET System:

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

Before bag filter: _____ psi.

After bag filter: _____ 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 _____

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: Procured new ASC-200 activated carbon and delivered to site. Removed primary vessel from service, moved secondary vessel into primary position and new carbon into secondary position. Made all necessary connections.

Name (printed): P. SCHOEN Signature: P. Sch
Start Time: 13:30 Finish Time: 15:00



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 _____ 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: _____ psi.

After bag filter: _____ 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 _____



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: Installed new conduit and wiring from switch (disconnect)
on tank to control panel. Attempted to start system but transfer pump burned
up. Need replacement. Time required to perform work - 2 hrs.

Name (printed): P. SCHWEN Signature: P. Sch

Start Time: 14:00 Finish Time: 16:00



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 _____ 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: _____ psi.

After bag filter: _____ 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 _____



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: Installed and plumbed new centrifugal transfer pump inline. Tested pump to verify operation. Time required to perform task - 1 hr.

Name (printed): P. SCHOEN Signature: P. Sch

Start Time: 15:30 Finish Time: 16:30



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>5.04</u>	ft.	<u>7:23</u>	time
PW-2	<u>4.19</u>	ft.	<u>7:24</u>	time

Monitoring Wells -

MW-7	<u>6.99</u>	ft.	<u>7:14</u>	time
MW-9	<u>8.95</u>	ft.	<u>7:20</u>	time
MW-10	<u>6.95</u>	ft.	<u>7:17</u>	time
MW-11	<u>6.88</u>	ft.	<u>7:22</u>	time

Total GET Effluent 1,589,029.0 gal. 7:25a time STARTUP

Time req'd: 15 min.

GET System:

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

Before bag filter: 18 psi.

After bag filter: 14 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



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: 20 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): P. Schöber Signature: P. Schöber
Start Time: 7:00 Finish Time: 8:00



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 10.28 ft. 7:03 time
 PW-2 9.41 ft. 7:04 time

Monitoring Wells -

MW-7 7.23 ft. 6:55 time
 MW-9 10.56 ft. 6:59 time
 MW-10 7.77 ft. 6:57 time
 MW-11 8.24 ft. 7:02 time

Total GET Effluent 1597, 357.2 gal. 7:05 time

Time req'd: 15 min

GET System:

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

Before bag filter: 18 psi.

After bag filter: 14 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

DECON

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 _____ D X

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): P. SCHOEN Signature: P. Schoen
Start Time: 6:45 Finish Time: 7:45



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 164,362.0 gal. 7.38 time

Time req'd: 0

GET System:

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

Before bag filter: 18 psi.
After bag filter: 14 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 _____ 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



If wet spots are noted, briefly describe location. _____

Was sampling performed? Yes _____ No X

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: Checked system operation.

Name (printed): P. SCHOEN Signature: P. Schoen
Start Time: 7:30 Finish Time: 7:45



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 10.19 ft. 7:30 time
 PW-2 9.33 ft. 7:31 time

Monitoring Wells -

MW-7 7.61 ft. 7:22 time
 MW-9 11.18 ft. 7:27 time
 MW-10 8.18 ft. 7:25 time
 MW-11 8.77 ft. 7:29 time

Total GET Effluent 1662752.2 gal. 7:32 time

Time req'd: 15 min

GET System:

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

Before bag filter: 15 psi.

After bag filter: 15 psi.

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

Were all valves opened after replacing the filter bag?

Yes X No

Were pumps turned ON after replacing the filter bag?

Yes X No

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

DECON

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: 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: Backflushed primary carbon vessel. Measured pump rate
in extraction well. PUMP RUN 1 min. 24 sec.
PUMP OFF 13 min 35 sec.

Name (printed): P. SCHOEN Signature: P. Sch
Start Time: 7:00 Finish Time: 7:45

