Engineers
Planners
Economists
Scientists

January 31, 1996

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Mr. Sum Arigala
California Regional Water Quality Control Board
San Francisco Bay Region
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Subject: 4th Quarter 1995 Groundwater Monitoring Report
Del Monte Plant 35, Emeryville, CA

Enclosed is the Quarterly Groundwater Monitoring and Groundwater Extraction and Treatment (GET) System Status Report for Del Monte Plant 35 located at 4204 Hollis Street in Emeryville, California.

As you are probably aware, Del Monte will not be selling their Emeryville property to Kaiser as previously planned. In preparation for marketing the property, Del Monte would like to reach closure on environmental issues at the site. I will be calling you soon to schedule a meeting to discuss environmental closure of the Emeryville property.

Please feel free to call me at (510) 251-2888 ext 2189 if you have any questions about the groundwater monitoring report.

Sincerely,

CH2M HILL

Madeline Wall

Madeline Wall
Project Manager

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JOHN T. UPMEIER
SHIFT SUPERVISOR

Quarterly Groundwater Monitoring and Groundwater Extraction and Treatment Systems Status Report for Del Monte Plant 35 4204 Hollis Street, Emeryville, California

Prepared for
Del Monte Foods USA

Prepared by
CH2M HILL

January 31, 1996

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

DIR. / PROP. MGMT.

Title

1.30.96

Date

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1.0 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 at 4204 Hollis Street in Emeryville, California. During the fourth quarter of 1995 (September 26 through December 22) the groundwater extraction and treatment system was operated as follows:

- Startup of the East Parcel GET system (using the West Parcel treatment system modified for East Parcel groundwater) began on October 23rd
- "Startup" treatment system samples were collected during the first 2 to 3 weeks of operation
- Quarterly treatment system samples were collected on December 22nd
- Quarterly groundwater monitoring samples were collected on December 26th
- No groundwater was extracted from the West Parcel extraction system

2.0 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 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.

Grroundwater investigations conducted in 1994 on the East Parcel of Plant 35 indicated that East Parcel groundwater contained chlorinated and petroleum hydrocarbons. In June and July 1995, Del Monte conducted soil remediation activities on the East Parcel. Soil containing chlorinated and petroleum hydrocarbons was removed and an underground fuel oil storage tank and surrounding affected soil were removed. Groundwater remediation was then initiated.

3.0 Groundwater Monitoring

One new monitoring well was installed during the fourth quarter and added to the monitoring system. The new well, MW-13, is located on the East Parcel down-gradient of the location of a former underground tank. The tank was removed in July 1995.

Monitoring wells MW-7, MW-9, MW-10, MW-12, and MW-13 were sampled on December 26th and analyzed for chlorinated hydrocarbons. The sample from MW-13 was also analyzed for TPH-gasoline, BTEX, and TPH-diesel, kerosene, and motor oil. The monitoring well locations are shown in Figure 1.

Monitoring well MW-11 was removed in June 1994 during the construction of a groundwater extraction trench on the West Parcel. To replace MW-11 data after the well's removal, a water sample from the extraction trench (SP-E) was collected and analyzed during quarterly groundwater extraction and treatment (GET) system sampling. (The sample from SP-E, however, represented the average water quality of a larger volume of water than the previous samples from MW-11.) Because the West Parcel extraction system did not operate this quarter, no MW-11/SP-E results were obtained for this quarter.

Monitoring well MW-8 was removed in 1993 when the groundwater extraction pit was constructed on the West Parcel. Water samples collected from the influent sample port (SP-D) of the GET system were used to replace the samples previously collected form MW-8. When the new groundwater extraction trench on the West Parcel become operational in August 1994, SP-D represented water extracted from both the extraction pit and trench. As described above for MW-11/SP-D, the West Parcel extraction system was not operating this quarter; therefore, no MW-8/SP-C results were obtained.

Analytical results for chlorinated hydrocarbons from the December 1995 and previous monitoring events are summarized in Table 1. No petroleum hydrocarbons or BTEX were detected in the sample from MW-13. Current groundwater elevations are provided in Table 2. Laboratory analytical reports for the monitoring well samples are included in Attachment A.

The field sampling report is provided in Attachment B. Levels of total chlorinated hydrocarbons detected this quarter are:

MW-7	41 µg/l
MW-9	22.4 µg/l
MW-10	90 µg/l
MW-12	68 µg/l
MW-13	110 µg/l

Groundwater monitoring results from the fourth quarter 1995 event are summarized as follows:

- The absence of petroleum hydrocarbons and BTEX from the MW-13 sample indicates that releases from the former underground tank did not migrate downgradient.
- Compounds detected were TCE, PCE, and 1,2-DCE. Vinyl chloride was also detected in MW-13 on the East Parcel
- The West Parcel wells showed increases in chlorinated hydrocarbons over the previous quarter
- The concentrations of chlorinated hydrocarbons in the new well, MW-13, are consistent with groundwater investigation results obtained in 1994 from the East Parcel

Results from the next scheduled sampling event (March 1996) will be used to assess the significance, if any, of the increased chlorinated hydrocarbon concentrations observed in the West Parcel wells.

4.0 Groundwater Extraction and Treatment System

4.1 GET System Description

A groundwater extraction system was constructed on the East Parcel and the West Parcel treatment unit was modified to treat water pumped from the East Parcel. The new GET system is described below.

In June and July 1995, remedial activities conducted on the East Parcel involved the removal of soil containing petroleum and chlorinated hydrocarbons and an underground tank. A drain and sump system for groundwater extraction was constructed in the pit left after the removal activities. An area at the western end of the pit was selected for the location of the extraction sump system. Several bucket scoops of soil were removed to lower this area to the desired

depth of 20 feet, making the location the deepest portion of pit. A 12-inch diameter pipe was lowered into the pit area (about 3 feet x 3 feet in area).

The pipe was 20 feet long and perforated with 60 holes per foot. The pipe was capped at the bottom end. One-half inch diameter drain rock was placed around the pipe. Drain rock was used to form a mound around the base of the pipe. Figure 3 shows a schematic of the extraction sump.

The existing groundwater treatment system located on the West Parcel of the Plant 35 property was modified to accommodate the expected flow and chemical constituent concentrations from the East Parcel groundwater extraction system. Modifications included replacing the existing carbons canisters with larger carbon units and installing piping and electrical connections between the East Parcel extraction pit and the West Parcel treatment unit. A pump was installed in the new extraction sump. Figure 4 shows the location of the GET system and Figure 5 is a flow diagram of the groundwater extraction and treatment (GET) system.

4.2 Wastewater Discharge Permit Requirements

A new Wastewater Discharge Permit was issued to Del Monte on October 2, 1995, by EBMUD for discharge of the treated groundwater to the sanitary sewer. The new Wastewater Discharge Permit contains the following Self-Monitoring Reporting Requirements (SMRRs):

- Sample from sample ports A, B, and C twice weekly during startup
- Sampling from sample ports A, B, and C once during the final 2 weeks of each quarter
- Analyze samples for total identifiable chlorinated hydrocarbons and benzene, toluene, ethylbenzene, and total xylenes

The wastewater discharge limitations are shown in the following table.

Regulated Parameter	Daily Maximum (in mg/L)
Total Identifiable Chlorinated Hydrocarbon (TICH)	0.035
1,1-dichloroethene	0.010
Trans-1,2-dichloroethene	0.010
Vinyl chloride	0.010
Benzene	0.005
Toluene	0.005
Ethylbenzene	0.005
Xylenes	0.005

4.3 GET System Results

From October 23rd to December 22nd, 475,655 gallons of groundwater from the East Parcel were extracted, treated, and discharged. Beginning and ending flow totalizer measurements for this period were:

- October 23rd, 1995 4,498,524 gallons
- December 22nd, 1995 4,974,179 gallons

Startup samples were collected on 4 different days during the first 3 weeks of operation. Four sampling events were conducted rather than six during the first 3 weeks because the system did not operate continuously during startup; on some days when samples were scheduled, the system was not operating.

Samples were collected from sampling ports B and C during the first three sampling events and from A, B, and C during the fourth sampling event. Sample port A was not operating properly during the first three events. To confirm in a timely manner that discharge limitations were not being exceeded, fast laboratory turn-around (3 days) was obtained. All sample results during the startup period were "non-detect" for chlorinated hydrocarbons and BTEX.

Quarterly sampling was conducted on December 22nd. Samples were collected from Sample ports A, B, and C. No chemicals were detected in the samples.

Laboratory reports are provided in Attachment C and GET system inspection logs in Attachment D.

TABLE 1

DEL MONTE PLANT NO. 35
4204 HOLLIS STREET, EMERYVILLE, CA
QUARTERLY GROUNDWATER MONITORING RESLUTS

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)
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
MW7	15-Jul-94	18.8	<0.5	<0.5	13.0	11.0	<0.50	<0.5
MW7	17-Oct-94	18.2	<0.5	<0.5	11.0	10.0	<0.50	<0.5
MW7	29-Dec-94	<1.0 (t)	<1.0	<1.0	4.4	3.8	<1.0	<1.0
MW7	09-Mar-95	<1.0 (t)	<1.0	<1.0	8.4	6.8	<1.0	<1.0
MW7	21-Jun-95	2.0 (t)	<1.0	<1.0	10.0	8.5	<1.0	<1.0
MW7	15-Aug-95	<1.0 (t)	<1.0	<1.0	7.8	6.6	<1.0	<1.0
MW7	25-Sep-95	<1.0 (t)	<1.0	<1.0	8.5	7.1	<1.0	<1.0
MW7	26-Dec-95	15	<1.0	<1.0	17	9.0	<1.0	<1.0
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
MW8 (SP-D)	16-Jun-94	<1.0 (t)	<1.0	<1.0	37.0	13.0	<1.0	<1.0
MW8 (SP-D)	17-Oct-94	<1.0 (t)	<1.0	<1.0	2.5	2.5	<1.0	<1.0
MW8 (SP-D)	06-Dec-94	<1.0 (t)	<1.0	<1.0	5.5	1.4	<1.0	<1.0
MW8 (SP-D)	09-Mar-95	<1.0 (t)	<1.0	<1.0	16.0	3.4	<1.0	<1.0
MW8 (SP-D)	22-Jun-95	<1.0 (t)	<1.0	<1.0	9.1	5.2	<1.0	<1.0

TABLE 1

DEL MONTE PLANT NO. 35
4204 HOLLIS STREET, EMERYVILLE, CA
QUARTERLY GROUNDWATER MONITORING RESLUTS

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	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
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
MW9	15-Jul-94	42.4	<0.5	<0.5	15.0	24.0	7.1	<0.5
MW9	17-Oct-94	35.6	<0.5	<0.5	14.0	24.0	2.2	<0.5
MW9	29-Dec-94	<1.0 (t)	<1.0	<1.0	3.5	8.5	<1.0	<1.0
MW9	09-Mar-95	<1.0 (t)	<1.0	<1.0	3.4	8.4	<1.0	<1.0
MW9	21-Jun-95	<1.0 (t)	<1.0	<1.0	4.8	9.7	<1.0	<1.0
MW9	15-Aug-95	<1.0 (t)	<1.0	<1.0	2.5	7.0	<1.0	<1.0
MW9	25-Sep-95	<1.0 (t)	<1.0	<1.0	2.5	7.2	<1.0	<1.0
MW9	26-Dec-95	7.9	<1.0	<1.0	4.7	9.8	<1.0	<1.0
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
MW10	15-Jul-94	<0.5	<0.5	<0.5	1.0	1.0	<0.5	<0.5
MW10	17-Oct-94	20.6	<0.5	<0.5	37.0	19.0	<0.5	<0.5
MW10	29-Dec-94	<1.0 (t)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW10	09-Mar-95	1.7 (t)	<1.0	<1.0	13.0	9.8	<1.0	<1.0
MW10	21-Jun-95	<1.0 (t)	<1.0	<1.0	2.1	2.1	<1.0	<1.0

TABLE 1

DEL MONTE PLANT NO. 35
4204 HOLLIS STREET, EMERYVILLE, CA
QUARTERLY GROUNDWATER MONITORING RESLUTS

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)
MW10	15-Aug-95	<1.0 (t)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW10	25-Sep-95	<1.0 (t)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW10	26-Dec-95	45	<1.0	<1.0	25	20	<1.0	<1.0
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
MW11	27-Jun-94	<0.5	<0.5	<0.5	110.0	12.0	<0.5	<0.5
MW-11 (SP-E)	30-Sep-94	<1.0 (t)	<1.0	<1.0	2.6	2.8	<1.0	<1.0
MW-11 (SP-E)	06-Dec-94	<1.0 (t)	<1.0	<1.0	4.2	1.8	<1.0	<1.0
MW-11 (SP-E)	09-Mar-95	<1.0 (t)	<1.0	<1.0	2.3	1.1	<1.0	<1.0
MW-11 (SP-E)	22-Jun-95	<1.0 (t)	<1.0	<1.0	6.9	4.6	<1.0	<1.0
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
MW12	15-Jul-94	31.9	<0.5	<0.5	82.0	19.0	4.2	<0.5
MW12	17-Oct-94	<0.5	<0.5	<0.5	1.1	0.9	<0.5	<0.5
MW12	29-Dec-94	<1.0 (t)	<1.0	<1.0	28.0	11.0	<1.0	<1.0
MW12	09-Mar-95	<1.0 (t)	<1.0	<1.0	64.0	16.0	<1.0	<1.0
MW12	21-Jun-95	1.1 (t)	<1.0	<1.0	32.0	15.0	<1.0	<1.0
MW12	15-Aug-95	<1.0 (t)	<1.0	<1.0	18.0	11.0	<1.0	<1.0
MW12	25-Sep-95	<1.0 (t)	<1.0	<1.0	20.0	9.9	<1.0	<1.0
MW12	26-Dec-95	25	<1.0	<1.0	34	14	<1.0	<1.0
MW13	13-Oct-95	2.6 (t)	<1.0	<1.0	9.6	28	20	<1.0
MW13	26-Dec-95	25	<1.0	<1.0	13	29	17	<1.0
	Primary MCL	---	6	0.5	5	5	0.5	5

(a) 1,2-Dichloroethene
(b) 1,1-Dichloroethene
(c) 1,2-Dichloroethane
(d) Trichloroethene
(e) Tetrachloroethene
(f) Vinyl chloride
(g) 1,2-Dichloropropane
(t) trans-1,2-Dichloroethene

TABLE 2

DEL MONTE PLANT NO. 35
4204 HOLLIS STREET, EMERYVILLE CA
QUARTERLY GROUNDWATER ELEVATIONS

Well ID.	Date Sampled	Depth to Water (ft)	Elevation (ft)
MW-7	6/21/95	7.1	15.28
	8/15/95	7.35	15.03
	9/25/95	7.27	15.11
	12/26/95	6.77	15.61
MW-9	6/21/95	9.09	13.19
	8/15/95	9.51	12.77
	9/25/95	9.40	12.88
	12/26/95	8.70	13.58
MW-10	6/21/95	6.88	12.35
	8/15/95	7.18	12.05
	9/25/95	7.08	12.15
	12/26/95	6.57	12.66
MW-12	6/21/95	6.52	11.91
	8/15/95	6.94	11.49
	9/25/95	6.82	11.61
	12/26/95	6.28	12.15
MW-13	10/13/95	7.07	18.99
	12/26/95	7.0	19.06

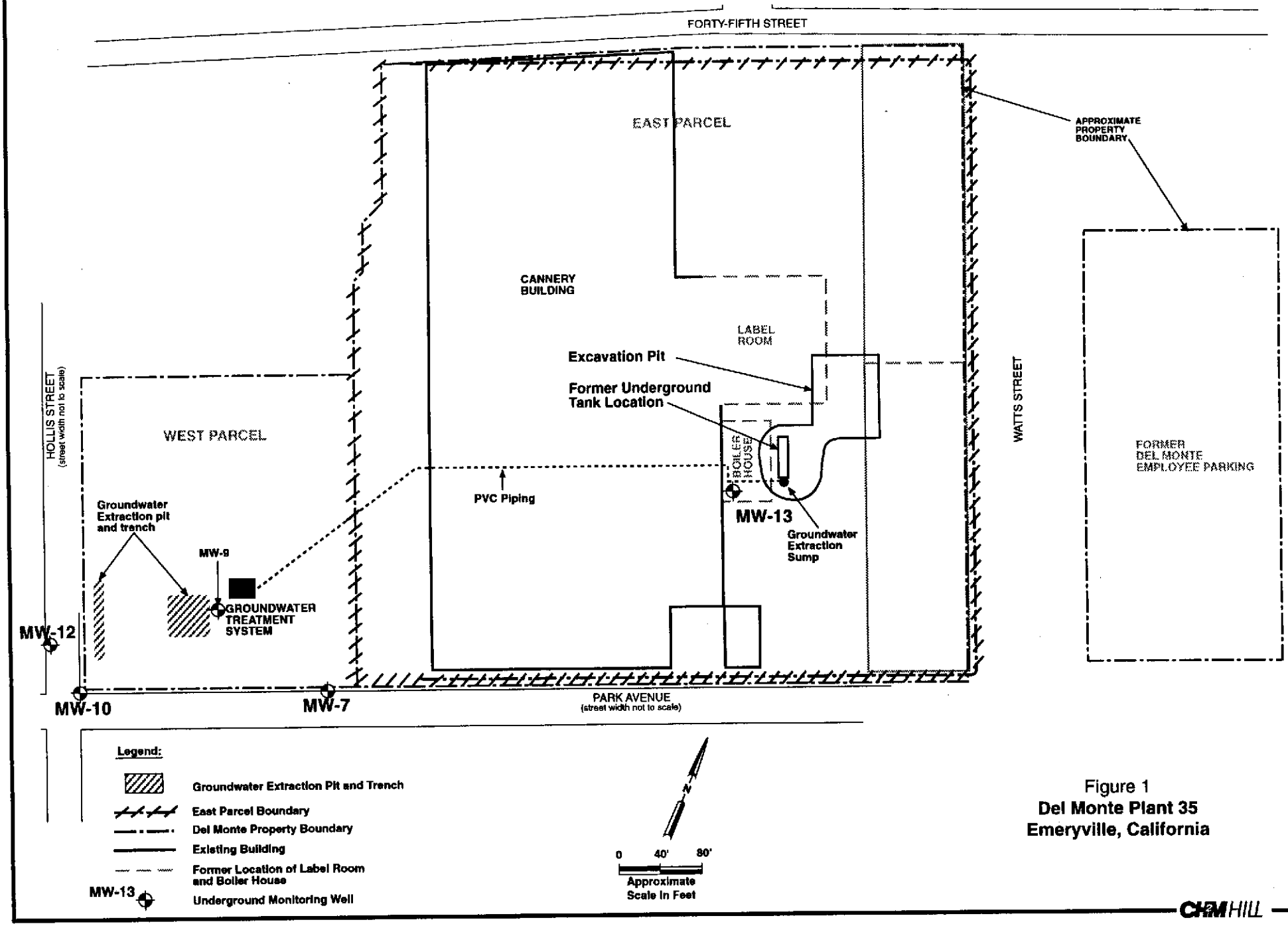


Figure 1
Del Monte Plant 35
Emeryville, California

CH2M HILL

117518.GM.01 UndergrdTank 1/25/96 tj

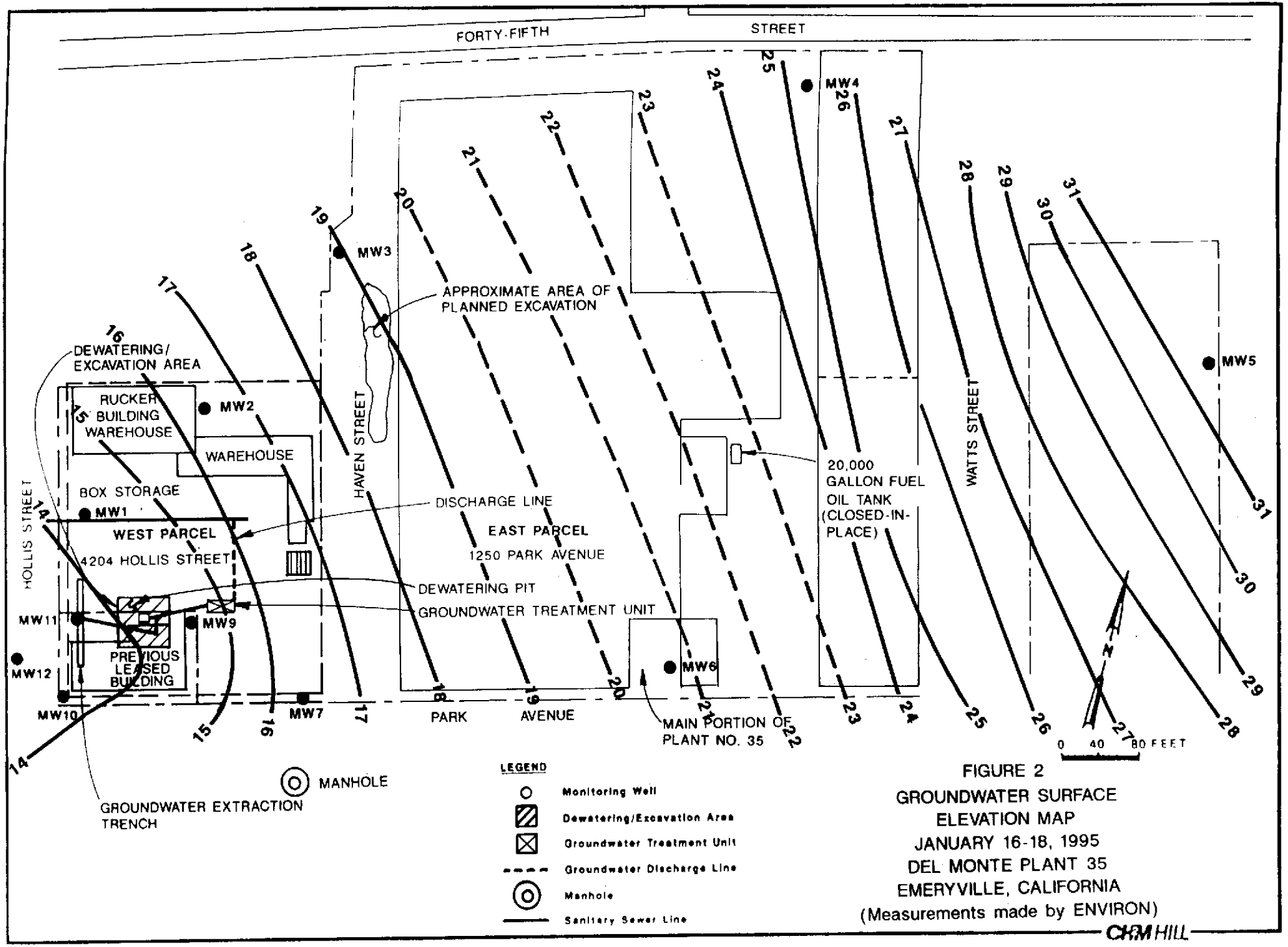
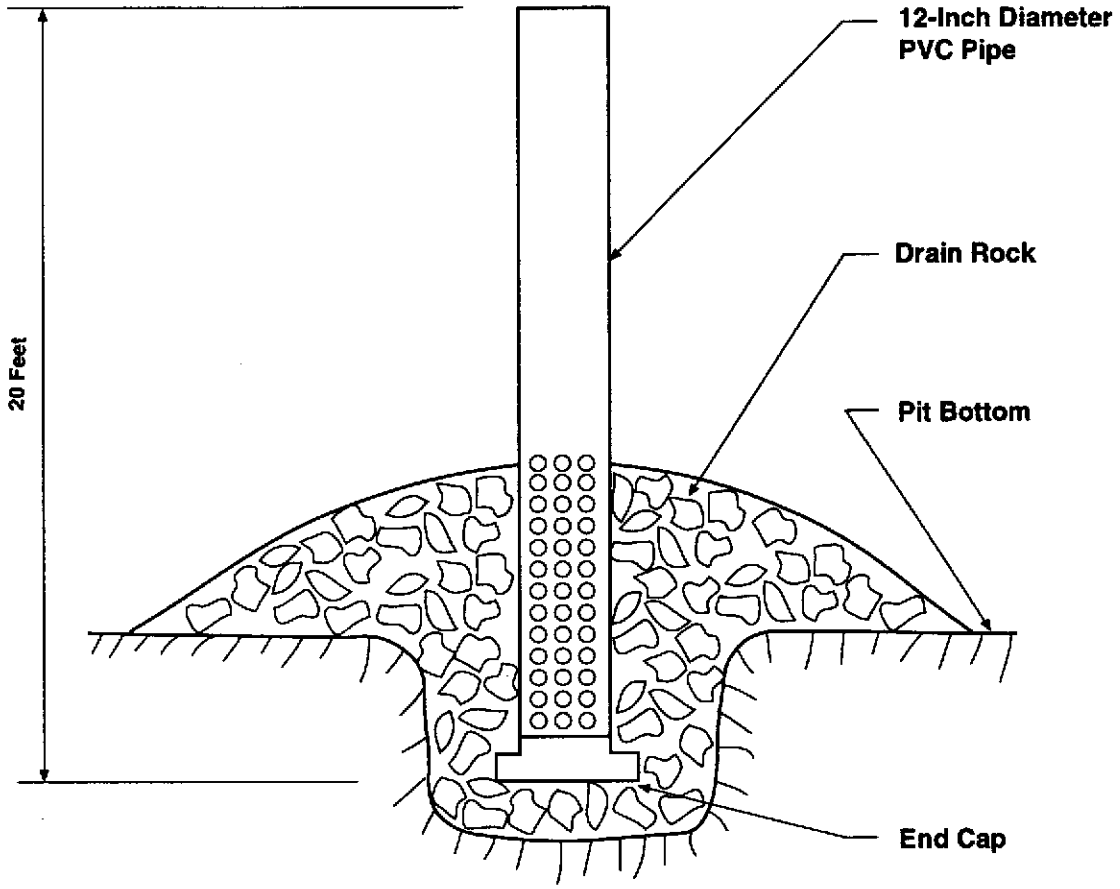


FIGURE 2
GROUNDWATER SURFACE ELEVATION MAP
JANUARY 16-18, 1995
DEL MONTE PLANT 35
EMERYVILLE, CALIFORNIA
(Measurements made by ENVIRON)

CH2M HILL



Not To Scale

Figure 3
Extraction Sump Schematic
Del Monte Plant 35
Emeryville, California

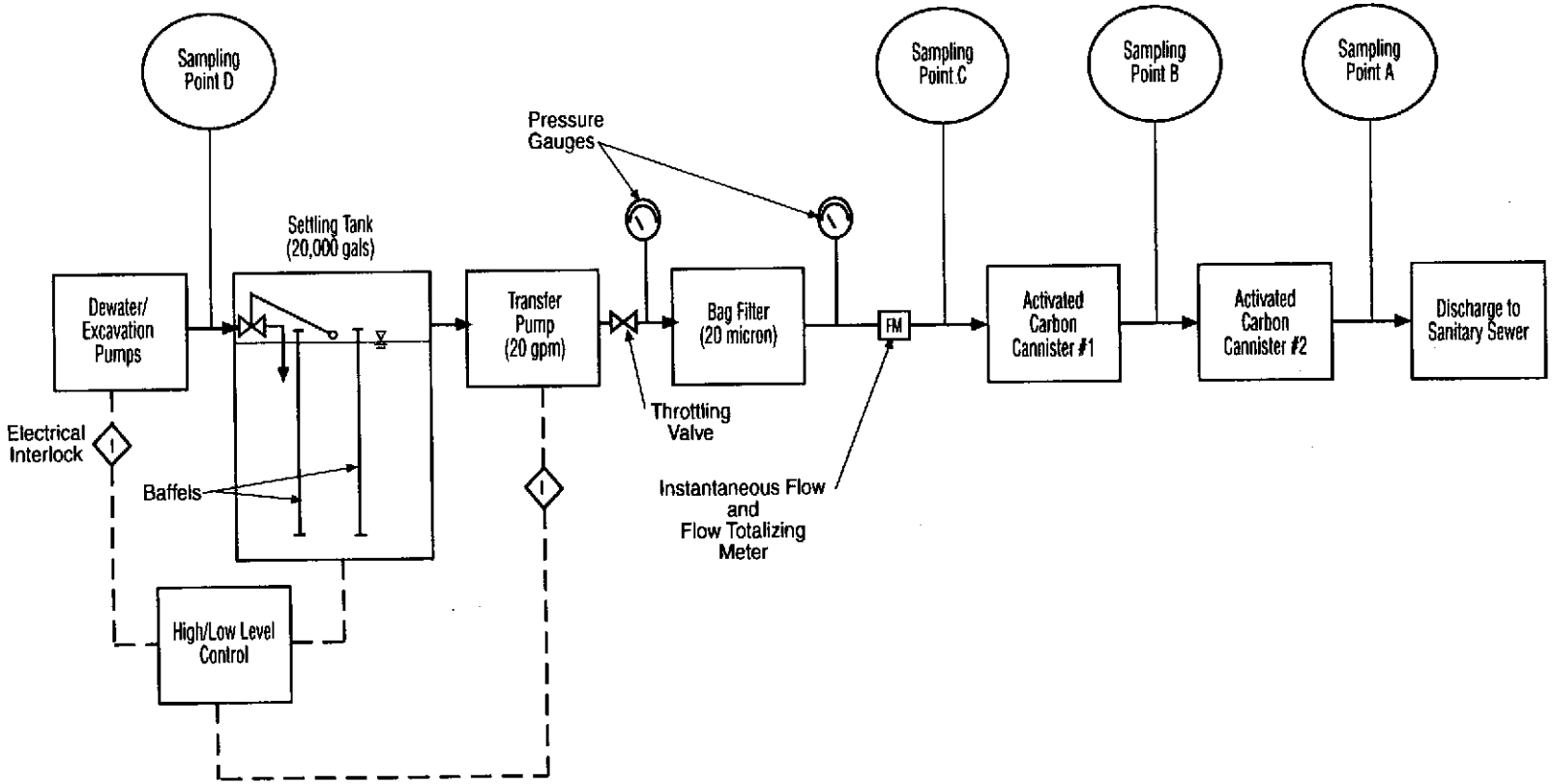


Figure 4
GET System Flow Diagram
Del Monte Plant 35
Emeryville, California

CH2MHILL

Attachments A
Analytical laboratory Reports
Groundwater Monitoring

CHROMALAB, INC.

Environmental Services (SDB)

December 29, 1995 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall
Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995
re: 1 sample for Total Extractable Petroleum Hydrocarbons (TEPH) analysis.
Method: EPA 3510/8015M
Sampled: December 26, 1995 *Matrix:* WATER *Extracted:* December 28, 1995
Run: 9925-K *Analyzed:* December 28, 1995

Spl #	Sample ID	Kerosene (ug/L)	Diesel (ug/L)	Motor Oil (ug/L)
115075	MW-13	N.D.	N.D.	N.D.
	Reporting Limits	50	50	500
	Blank Result	N.D.	N.D.	N.D.
	Blank Spike Result (%)	--	80	--

Michael Verona
Chemist

Alex Tam
Semivolatiles Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

January 4, 1996 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **MW-7**
Sample #: 115071 *Matrix:* WATER
Sampled: December 26, 1995 *Run:* 9989-O *Analyzed:* January 3, 1996

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.	--
BROMOMETHANE	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.	82
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	15	0.5	N.D.	--
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.	--
TRICHLOROETHENE	17	0.5	N.D.	105
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	9.0	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	103
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

January 4, 1996 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **MW-9**
Sample #: 115072 *Matrix:* WATER
Sampled: December 26, 1995 *Run:* 9989-O *Analyzed:* January 3, 1996

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.	--
BROMOMETHANE	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.	82
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	7.9	0.5	N.D.	--
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.	--
TRICHLOROETHENE	4.7	0.5	N.D.	105
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	9.8	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	103
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

January 4, 1996 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **MW-10**
Sample #: 115073 *Matrix:* WATER
Sampled: December 26, 1995 *Run:* 9989-O *Analyzed:* January 3, 1996

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.	--
BROMOMETHANE	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.	82
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	4.0	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	41	2	N.D.	--
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.	--
TRICHLOROETHENE	25	2	N.D.	105
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	20	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	103
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

January 4, 1996 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **MW-12**
Sample #: 115074 *Matrix:* WATER
Sampled: December 26, 1995 *Run:* 9989-O *Analyzed:* January 3, 1996

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.	--
BROMOMETHANE	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.	82
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	5.0	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	15	0.5	N.D.	--
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.	--
TRICHLOROETHENE	34	2	N.D.	105
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	14	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	103
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

January 4, 1996 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **MW-13**
Sample #: 115075 *Matrix:* WATER
Sampled: December 26, 1995 *Run:* 9989-O *Analyzed:* January 3, 1996

Analyte	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	17	0.5	N.D.	--
BROMOMETHANE	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.	82
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	13	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	38	2	N.D.	--
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.	--
TRICHLOROETHENE	13	0.5	N.D.	105
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	29	2	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	103
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

January 4, 1996 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **TRIP**
Sample #: 115076 *Matrix:* WATER
Sampled: December 26, 1995 *Run:* 9989-O *Analyzed:* January 3, 1996

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.	--
BROMOMETHANE	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.	82
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	105
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	103
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

January 4, 1996 *Submission #:* 9512359

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE PLANT #35 *Project#:* 117518.GM.01
Received: December 27, 1995

re: 1 sample for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/602/8020

Sampled: December 26, 1995 *Matrix:* WATER
Run: 9952-4 *Analyzed:* December 29, 1995

Spl #	Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
115075	MW-13	N.D.	N.D.	N.D.	N.D.	N.D.
	For above sample:	*Uncategorized compounds are not included in gasoline range.*				
Reporting Limits		0.05	0.5	0.5	0.5	0.5
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		110	110	108	108	107

June Zhao
Chemist

Marianne Alexander
Gas/BTEX Supervisor

[redacted] 1507 [redacted] 1507 [redacted] 25732

BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

CONDUCT ANALYSIS TO DETECT

LAB CHROMOLAB DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION _____
☐ LIA
☐ OTHER

CHAIN OF CUSTODY 95226-V-1

CLIENT CH2M Hill

SITE Del Monte Plant #35
1250 Park Ave.
Emeryville, CA.

SPECIAL INSTRUCTIONS Treas. # 117518.GM.01
Invoice & Report to CH2M Hill
Attn: Madeline Wall
Contact CH2M Hill for directions on T.B. Analysis

C = COMPOSITE ALL CONTAINERS

SAMPLE I.D.	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL		8010	TPH-G, BTEX	TEPH	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-7	W	4	VOAs	✓						SUBM #: 9512359 REP: GC
MW-9	W	4		✓						CLIENT: CH2
MW-10	W	4		✓						DUE:
MW-12	W	4		✓						REF #:25732
MW-13	W	9	VOAs Liters	✓	✓	✓				
Trip	W	2	VOAs	✓	✓			Hold		

SAMPLING COMPLETED	DATE	TIME
	12-26-95	1300

SAMPLING PERFORMED BY F.A. VANDENBROECK

RESULTS NEEDED NO LATER THAN 5 DAY Turnaround

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
F.A. VandenBroeck	12/27/95	1125	[signature]	12/27/95	1125
[signature]	12-27-95	1920	S. Wallace	12/27/95	1623
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

Attachment B
Field Sampling Report

BLAINE
TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

January 3, 1996

CH_2M Hill
1111 Broadway, Suite 1200
Oakland, CA 94607-4046

ATTN: Madeline Wall

Site:
Del Monte Plant #35
1250 Park Avenue
Emeryville, California

CH_2M Hill Project Number:
117518.GM.01

Date:
December 26, 1995

GROUNDWATER SAMPLING REPORT 951226-V-1

Blaine Tech Services, Inc. performs specialized environmental sampling and documentation as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. does not participate in the interpretation of analytical results, or become involved with the marketing or installation of remedial systems.

This report deals with the groundwater well sampling performed by our firm in response to your request. Data collected in the course of our work at the site are presented in the TABLE OF WELL MONITORING DATA. This information was collected during our inspection, well evacuation and sample collection. Measurements include the total depth of the well and the depth to water. Water surfaces were further inspected for the presence of immiscibles. A series of electrical conductivity, pH, and temperature readings were obtained during well evacuation and at the time of sample collection.

STANDARD PRACTICES

Evacuation and Sampling Equipment

As shown in the TABLE OF WELL MONITORING DATA, the wells at this site were evacuated according to a protocol requirement for the removal of three case volumes of water, before sampling. The wells were evacuated using bailers.

Samples were collected using bailers.

Bailers: A bailer, in its simplest form, is a hollow tube which has been fitted with a check valve at the lower end. The device can be lowered into a well by means of a cord. When the bailer enters the water, the check valve opens and liquid flows into the interior of the bailer. The bottom check valve prevents water from escaping when the bailer is drawn up and out of the well.

Two types of bailers are used in groundwater wells at sites where fuel hydrocarbons are of concern. The first type of bailer is made of a clear material such as acrylic plastic and is used to obtain a sample of the surface and the near surface liquids, in order to detect the presence of visible or measurable fuel hydrocarbon floating on the surface. The second type of bailer is made of Teflon or stainless steel, and is used as an evacuation and/or sampling device.

Bailers are inexpensive and relatively easy to clean. Because they are manually operated, variations in operator technique may have a greater influence than would be found with more automated sampling equipment. Also, where fuel hydrocarbons are involved, the bailer may include near surface contaminants that are not representative of water deeper in the well.

Decontamination

All apparatus is brought to the site in clean and serviceable condition. The equipment is decontaminated after each use and before leaving the site.

Effluent Materials

The evacuation process creates a volume of effluent water which must be contained. Blaine Tech Services, Inc. will place this water in appropriate containers of the client's choice or bring new 55 gallon DOT 17 E drums to the site, which are appropriate for the containment of the effluent materials. The determination of how to properly dispose of the effluent water must usually await the results of laboratory analyses of the sample collected from the groundwater

well. If that sample does not establish whether or not the effluent water is contaminated, or if effluent from more than one source has been combined in the same container, it may be necessary to conduct additional analyses on the effluent material.

Sampling Methodology

Samples were obtained by standardized sampling procedures that follow an evacuation and sample collection protocol. The sampling methodology conforms to both State and Regional Water Quality Control Board standards and specifically adheres to EPA requirements for apparatus, sample containers and sample handling as specified in publication SW 846 and T.E.G.D. which is published separately.

Sample Containers

Sample containers are supplied by the laboratory performing the analyses.

Sample Handling Procedures

Following collection, samples are promptly placed in an ice chest containing deionized ice or an inert ice substitute such as Blue Ice or Super Ice. The samples are maintained in either an ice chest or a refrigerator until delivered into the custody of the laboratory.

Sample Designations

All sample containers are identified with both a sampling event number and a discrete sample identification number. Please note that the sampling event number is the number that appears on our chain of custody. It is roughly equivalent to a job number, but applies only to work done on a particular day of the year rather than spanning several days, as jobs and projects often do.

Chain of Custody

Samples are continuously maintained in an appropriate cooled container while in our custody and until delivered to the laboratory under our standard chain of custody. If the samples are taken charge of by a different party (such as another person from our office, a courier, etc.) prior to being delivered to the laboratory, appropriate release and acceptance records are made on the chain of custody (time, date and signature of person accepting custody of the samples).

Hazardous Materials Testing Laboratory

The samples obtained at this site were delivered to Chromalab, Inc. in San Ramon, California. Chromalab, Inc. is certified by the California Department of Health Services as a Hazardous Materials Testing Laboratory, and is listed as DOHS HMTL #1094.

Personnel

All Blaine Tech Services, Inc. personnel receive 29 CFR 1910.120(e)(2) training as soon after being hired as is practical. In addition, many of our personnel have additional certifications that include specialized training in level B supplied air apparatus and the supervision of employees working on hazardous materials sites. Employees are not sent to a site unless we are confident they can adhere to any site safety provisions in force at the site and unless we know that they can follow the written provisions of an SSP and the verbal directions of an SSO.

In general, employees sent to a site to perform groundwater well sampling will assume an OSHA level D (wet) environment exists unless otherwise informed. The use of gloves and double glove protocols protects both our employees and the integrity of the samples being collected. Additional protective gear and procedures for higher OSHA levels of protection are available.

Please call if we can be of any further assistance.

Richard C. Blaine

RCB/lp

attachments: table of well monitoring data
chain of custody

TABLE OF WELL MONITORING DATA

Well I.D.	MW-7			MW-9			MW-10			MW-12		
Date Sampled	12/26/95			12/26/95			12/26/95			12/26/95		
Well Diameter (in.)	2			2			2			2		
Total Well Depth (ft.)	24.75			19.87			17.65			19.70		
	BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER	
Depth To Water (ft.)	6.77	7.30		8.70	9.05		6.57	6.64		6.28	6.33	
Free Product (in.)	NONE			NONE			NONE			NONE		
Reason If Not Sampled	--			--			--			--		
1 Case Volume (gal.)	2.87			1.78			1.77			2.14		
Did Well Dewater?	NO			NO			NO			NO		
Gallons Actually Evacuated	9.0			6.0			6.0			6.5		
Purging Device	BAILER			BAILER			BAILER			BAILER		
Sampling Device	BAILER			BAILER			BAILER			BAILER		
Time	10:46	10:50	10:53	10:16	10:19	10:22	09:44	09:47	09:50	12:08	12:11	12:14
Temperature (Fahrenheit)	68.2	68.2	68.2	69.2	69.2	69.2	65.8	66.2	66.2	66.4	66.2	66.2
pH	7.2	7.2	7.2	7.4	7.4	7.4	7.4	7.6	7.6	7.2	7.2	7.2
Conductivity (micromhos/cm)	600	600	600	600	600	600	1000	800	800	600	600	600
Nephelometric Turbidity Units	>200	>200	>200	>200	>200	>200	>200	>200	>200	>200	>200	>200
BTS Chain of Custody	951226-V-1			951226-V-1			951226-V-1			951226-V-1		
BTS Sample I.D.	MW-7			MW-9			MW-10			MW-12		
DOHS HMTL Laboratory	CHROMALAB			CHROMALAB			CHROMALAB			CHROMALAB		
Analysis	EPA 8010			EPA 8010			EPA 8010			EPA 8010		

TABLE OF WELL MONITORING DATA

Well I.D.	MW-13		
Date Sampled	12/26/95		
Well Diameter (in.)	2		
Total Well Depth (ft.)	27.50		
	BEFORE	AFTER	
Depth To Water (ft.)	7.0	11.70	
Free Product (in.)	NONE		
Reason If Not Sampled	--		
1 Case Volume (gal.)	3.28		
Did Well Dewater?	NO		
Gallons Actually Evacuated	10.0		
Purging Device	BAILER		
Sampling Device	BAILER		
Time	11:21	11:25	11:28
Temperature (Fahrenheit)	63.6	63.8	63.6
pH	7.2	7.2	7.2
Conductivity (micromhos/cm)	600	600	600
Nephelometric Turbidity Units	>200	>200	>200
BTS Chain of Custody	951226-V-1		
BTS Sample I.D.	MW-13		
DOHS HMTL Laboratory	CHROMALAB		
Analysis	EPA 8010, TPH (GAS), BTEX & TEPH		

BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

CHAIN OF CUSTODY 95226-U-1

CLIENT ChEM Hill

SITE Del Monte Plant #35
1250 PARK Ave.
Emeryville, CA.

SAMPLE I.D.	MATRIX S = SOIL W = H2O	CONTAINERS TOTAL		C = COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: 8010	TPH-G, BTEX	TEPH
MW-7	W	4	VOAs		✓		
MW-9	W	4			✓		
MW-10	W	4			✓		
MW-12	W	4			✓		
MW-13	W	6	VOAs Like		✓	✓	✓
Trip	W	2	VOAs		✓	✓	

LAB CHROMOLAB DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS Proj. # 117518.GM.01
Invoice & Report to ChEM Hill
Attn: Madeline Wall
Contact ChEM Hill for directions
on T.B. Analysis

ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
	Hold		

SAMPLING COMPLETED DATE 12-26-95 TIME 1300

SAMPLING PERFORMED BY F.A. VANDENBROECK

RESULTS NEEDED NO LATER THAN 5 DAY Turnaround

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
F.A. VandenBroeck	12/27/95	1125		12/27/95	1125
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

WELL GAUGING DATA

Project # 951226-U-1 Date 12-26-95 Client CH2M Hill

Site 1250 Park EMERYVILLE, CA

Well I.D.	Well Size (in.)	Sheen/ Odor	Depth to Immiscible Liquid (feet)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to Water (feet)	Depth to Well Bottom (feet)	Survey Point: TOB or TOC
MW-7	2					6.77	24.75	TOC
MW-9	2					8.70	19.87	
MW-10	2					6.57	17.65	
MW-12	2					6.28	19.70	
MW-13	2					7.00	27.50	

WELL MONITORING DATA SHEET

Project #: 951226-C1	Client: CH2M Hill
Sampler: Fred	Start Date: 12-26-95
Well I.D.: MW-7	Well Diameter: (circle one) (2) 3 4 6 ____
Total Well Depth: Before 24.75 After	Depth to Water: Before 6.77 After 7.30
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

2.87 (1 Case Volume) x 3 (Specified Volumes) = 8.63 gallons

Purging: Bailer ~~ BTS Dedicated
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other_____

Sampling: Bailer ~~
Disposable Bailer
Extraction Port
Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1046	68.2	7.2	606	>200	3.0	Spot Sheen
1050	68.2	7.2	600	>200	6.0	"
1053	68.2	7.2	600	>200	9.0	

Did Well Dewater? NO If yes, gals. / Gallons Actually Evacuated: 9.0

Sampling Time: 1103 Sampling Date: 12-26-95

Sample I.D.: MW-7 Laboratory: Chromalab

Analyzed for: TPH-G BTEX TPH-D OTHER: 8010
(Circle)

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
(Circle)

WELL MONITORING DATA SHEET

Project #: 951226-V-1	Client: CH2M Hill
Sampler: Fred	Start Date: 12-26-95
Well I.D.: MW-9	Well Diameter: (circle one) (2) 3 4 6 ____
Total Well Depth: Before 19.87 After	Depth to Water: Before 8.70 After 9.05
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1.78 (1 Case Volume) x 3 (Specified Volumes) = 5.36 gallons

Purging: Bailer — Dedicated BFS
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other_____

Sampling: Bailer —
Disposable Bailer
Extraction Port
Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1016	69.2	7.4	600	>200	2.0	
1019	69.2	7.4	600	>200	4.0	
1022	69.2	7.4	600	>200	6.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 1032	Sampling Date: 12-26-95
Sample I.D.: MW-9	Laboratory: Chromalab
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)	8010
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)	

WELL MONITORING DATA SHEET

Project #: 95226-G1	Client: CH2M Hill
Sampler: Fred	Start Date: 12-26-95
Well I.D.: MW-10	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 17.65 After	Depth to Water: Before 6.57 After 6.64
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
1.77	x	3	=	5.31

Purging: Bailer — BTS Dedicated
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other ___

Sampling: Bailer —
Disposable Bailer
Extraction Port
Other ___

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0944	65.8	7.4	1000	>200	2.0	
0947	66.2	7.6	800	>200	4.0	
0950	66.2	7.6	800	>200	6.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 1000	Sampling Date: 12-26-95
Sample I.D.: MW-10	Laboratory: Chromalab
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)	8010
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)	

WELL MONITORING DATA SHEET

Project #: 951226-V-1	Client: CH2M Hill
Sampler: Fred	Start Date: 12-26-95
Well I.D.: MW-12	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 19.70 After	Depth to Water: Before 6.28 After 6.33
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47.
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
2.14	x	3	=	6.44

Purging: Bailer — 3/5 Dedicated
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other_____

Sampling: Bailer —
Disposable Bailer
Extraction Port
Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1208	66.4	7.2	600	>200	2.0	
1211	66.2	7.2	600	>200	4.0	
1214	66.2	7.2	600	>200	6.5	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.5

Sampling Time: 1224 Sampling Date: 12-26-95

Sample I.D.: MW-12 Laboratory: Chemalab

Analyzed for: TPH-G BTEX TPH-D OTHER: 8010
(Circle)

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
(Circle)

WELL MONITORING DATA SHEET

Project #: 95T226-V-1	Client: CH2M Hill
Sampler: Freed	Start Date: 12-26-95
Well I.D.: MW-13	Well Diameter: (circle one) (2) 3 4 6 ____
Total Well Depth: Before 27.50 After	Depth to Water: Before 7.00 After 11.70
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
3.28	x	3	=	9.84

Purging: Bailer ✓ Dedicated
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other_____

Sampling: Bailer ✓
Disposable Bailer
Extraction Port
Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1121	63.6	7.2	600	>200	3.5	
1125	63.8	7.2	600	>200	7.0	
1128	63.6	7.2	600	>200	10.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 10.0

Sampling Time: 1138	Sampling Date: 12-26-95
Sample I.D.: MW-13	Laboratory: Chromalab
Analyzed for: (TPH-G BTEX) TPH-D OTHER: (Circle) 8016 TEPH	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)	

Attachment C
Analytical laboratory Reports
GET System Monitoring

CHROMALAB, INC.

Environmental Services (SDB)

January 2, 1996 *Submission #:* 9512336

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: December 22, 1995

re: 3 samples for BTEX analysis.
Method: EPA 8020

Sampled: December 22, 1995 *Matrix:* WATER
Run: 9932-1 *Analyzed:* December 28, 1995

Spl #	Sample ID	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
114898	A	N.D.	N.D.	N.D.	N.D.
114899	B	N.D.	N.D.	N.D.	N.D.
114900	C	N.D.	N.D.	N.D.	N.D.
Reporting Limits		0.5	0.5	0.5	0.5
Blank Result		N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		108	108	113	112

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

January 3, 1996 *Submission #:* 9512336

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: December 22, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **A**
Sample #: 114898 *Matrix:* WATER
Sampled: December 22, 1995 *Run:* 9969-O *Analyzed:* December 28, 1995

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.	--
BROMOMETHANE	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.	79
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	110
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	112
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

January 3, 1996 *Submission #:* 9512336

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: December 22, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **B**
Sample #: 114899 *Matrix:* WATER
Sampled: December 22, 1995 *Run:* 9969-O *Analyzed:* December 28, 1995

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.	--
BROMOMETHANE	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.	79
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	110
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	112
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

January 3, 1996 *Submission #:* 9512336

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: December 22, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: C
Sample #: 114900 *Matrix:* WATER
Sampled: December 22, 1995 *Run:* 9969-O *Analyzed:* December 28, 1995

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.	--
BROMOMETHANE	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.	79
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	110
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	112
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Chip Poalinelli
Operations Manager

336/114898-114900

25709

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

SUB# #: 9512336 REP: GC
CLIENT: CH2
DUE: 01/02/96
REF #:25709

Chain of Custody

DATE December 22, 1995 PAGE 1 OF 1

PROJ. MGR Madeline Wall
COMPANY CH2M HILL
ADDRESS 1111 Broadway, Suite 1200 Oakland, CA 94607

SAMPLERS (SIGNATURE) Catherine A. Swain
(PHONE NO.) (510) 251-2426
(FAX NO.) (510) 893-8205

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
A	12/22/95	12:30	water	none		X			X																6
B	12/22/95	12:45	water	none		X			X																6
C	12/22/95	12:10	water	none		X			X																6
SPLA	12/22/95		water	none		X			X																6

PROJECT INFORMATION

PROJECT NAME: Del Monte 35
PROJECT NUMBER 117517.EP.02
P.O. #

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS 18
HEAD SPACE
REC'D GOOD CONDITION/COLD
CONFORMS TO RECORD

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.
Catherine A. Swain (SIGNATURE) (TIME)
Catherine A. Swain (PRINTED NAME) (DATE)
CH2M Hill AZZ 12/22/95 (COMPANY)

RECEIVED BY 1.
(SIGNATURE) 1422 (TIME)
B Morra 12-22-95 (PRINTED NAME) (DATE)
Chromalab (COMPANY)

RELINQUISHED BY 2.
(SIGNATURE) (TIME)
B Morra 12 22 95 (PRINTED NAME) (DATE)
Chromalab (COMPANY)

RECEIVED BY 2.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RELINQUISHED BY 3.
(SIGNATURE) (TIME)
(PRINTED NAME) (DATE)
(COMPANY)

RECEIVED BY (LABORATORY) 3
Minnie Pak 1600 (SIGNATURE) (TIME)
Minnie Pak 12/22/95 (PRINTED NAME) (DATE)
Chromalab (LAB)

LIMITATIONS OF LIABILITY

ChromaLab, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of ChromaLab, Inc. shall be the re-perform work at its own expense, and ChromaLab, Inc. shall have no other liability whatsoever, and in no event shall ChromaLab, Inc. be liable, whether in contract or tort, or otherwise for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use or interpretation of information or analysis provided by ChromaLab, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

CHROMALAB, INC.

Environmental Services (SDB)

November 17, 1995 *Submission #:* 9511217

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 11512.EP.02
Received: November 14, 1995

re: 3 samples for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/602/8020

Sampled: November 14, 1995 *Matrix:* WATER
Run: 9435-2 *Analyzed:* November 17, 1995

Spl #	Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
110437	WK-3A	N.D.	N.D.	N.D.	N.D.	N.D.
110438	WK-3B	N.D.	N.D.	N.D.	N.D.	N.D.
110439	WK-3C	N.D.	N.D.	N.D.	N.D.	N.D.
Reporting Limits		0.05	0.5	0.5	0.5	0.5
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		93	101	105	108	99

Analyst

Eric Tam, Lab Director

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

November 14, 1995 *Submission #:* 9511168

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 9, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **WK-2B**
Sample #: 110062 *Matrix:* WATER
Sampled: November 9, 1995 *Run:* 9318-O *Analyzed:* November 10, 1995

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.	--
BROMOMETHANE	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.	87
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	119
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	114
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Eric Tam
Laboratory Director

1220 Quarry Lane • Pleasanton, California 94566-4756
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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

November 15, 1995 *Submission #:* 9511168

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 9, 1995

re: 2 samples for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/602/8020

Sampled: November 9, 1995 *Matrix:* WATER
Run: 9385-2 *Analyzed:* November 14, 1995

Spl #	Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
110062	WK-2B	N.D.	N.D.	N.D.	N.D.	N.D.
110063	WK-2C	N.D.	N.D.	N.D.	N.D.	N.D.
Reporting Limits		0.05	0.5	0.5	0.5	0.5
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		104	103	101	101	92

Billy Thach
Chemist

Eric Tam
Laboratory Director

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LIMITATIONS OF LIABILITY

ChromaLab, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of ChromaLab, Inc. shall be the re-perform work at its own expense, and ChromaLab, Inc. shall have no other liability whatsoever, and in no event shall ChromaLab, Inc. be liable, whether in contract or tort, or otherwise for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use or interpretation of information or analysis provided by ChromaLab, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

CHROMALAB, INC.

Environmental Services (SDB)

November 9, 1995 *Submission #:* 9511100

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 6, 1995

re: 2 samples for BTEX analysis.
Method: EPA 8020

Sampled: November 6, 1995 *Matrix:* WATER
Run: 9303-O *Analyzed:* November 7, 1995

Spl #	Sample ID	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
109511	WK-2B	N.D.	N.D.	N.D.	N.D.
109512	WK-2C	N.D.	N.D.	N.D.	N.D.
	Reporting Limits	0.5	0.5	0.5	0.5
	Blank Result	N.D.	N.D.	N.D.	N.D.
	Blank Spike Result (%)	88	87	--	--

Oleg Nemtsov
Chemist

Eric Tam
Laboratory Director

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

November 9, 1995 *Submission #:* 9511100

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 6, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **WK-2C**
Sample #: 109512 *Matrix:* WATER
Sampled: November 6, 1995 *Run:* 9266-O *Analyzed:* November 7, 1995

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.	--
BROMOMETHANE	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.	76
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	100
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	104
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Eric Tam
Laboratory Director

CHROMALAB, INC.

Environmental Services (SDB)

November 9, 1995 *Submission #:* 9511100

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 6, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **WK-2B**
Sample #: 109511 *Matrix:* WATER
Sampled: November 6, 1995 *Run:* 9266-O *Analyzed:* November 7, 1995

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.	--
BROMOMETHANE	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.	76
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	100
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	104
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Eric Tam
Laboratory Director

100/109511-109512

24838

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

SUBM #: 9511100 REP: GC
CLIENT: CH2
DUE: 11/09/95
REF #:24838

Chain of Custody

DATE November 6 1995 PAGE 1 OF 1

PROJ. MGR Madeline Wall
COMPANY CH2M Hill
ADDRESS 1111 Broadway, Suite 1200
Oakland, CA 94607

SAMPLERS (SIGNATURE) Catherine A. Swain
(PHONE NO.) (510) 251-2426
(FAX NO.) (510) 893 8205

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
WK-2B	11/6/95	2:10	Water	none		X			X																6
WK-2C	11/6/95	2:15	Water	none		X			X																6

RUSH

PROJECT INFORMATION
PROJECT NAME: Del Monte 35
PROJECT NUMBER: 117517.EP.02
P.O. #

SAMPLE RECEIPT
TOTAL NO. OF CONTAINERS: 12
HEAD SPACE:
REC'D GOOD CONDITION/COLD:
CONFORMS TO RECORD:

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
Catherine A. Swain 16:05 (SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
Catherine A. Swain (PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)
CH2M Hill 11/6/95 (COMPANY)	(COMPANY)	(COMPANY)
RECEIVED BY 1.	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY) 3**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) (TIME)
K. Marrow 11-8-95 (PRINTED NAME) (DATE) from Jill	(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)

LIMITATIONS OF LIABILITY

ChromaLab, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of ChromaLab, Inc. shall be the re-perform work at its own expense, and ChromaLab, Inc. shall have no other liability whatsoever, and in no event shall ChromaLab, Inc. be liable, whether in contract or tort, or otherwise for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use or interpretation of information or analysis provided by ChromaLab, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

CHROMALAB, INC.

Environmental Services (SDB)

November 7, 1995 *Submission #:* 9511039

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **WK-1B**
Sample #: 109081 *Matrix:* WATER
Sampled: November 2, 1995 *Run:* 9252-O *Analyzed:* November 6, 1995

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.	--
BROMOMETHANE	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.	86
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	100
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	87
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

November 7, 1995 *Submission #:* 9511039

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 2, 1995

re: One sample for Volatile Halogenated Organics analysis.
Method: EPA 8010

SampleID: **WK-1C**
Sample #: 109083 *Matrix:* WATER
Sampled: November 2, 1995 *Run:* 9252-O *Analyzed:* November 6, 1995

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.	--
BROMOMETHANE	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.	86
METHYLENE CHLORIDE	N.D.	0.5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
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.	--
TRICHLOROETHENE	N.D.	0.5	N.D.	100
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL 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	N.D.	0.5	N.D.	--
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	87
BROMOFORM	N.D.	0.5	N.D.	--
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.	--
TRICHLOROTRIFLUOROETHANE	N.D.	0.5	N.D.	--

Oleg Nemtsov
Chemist

Ali Kharrazi
Organic Manager

CHROMALAB, INC.

Environmental Services (SDB)

November 7, 1995 *Submission #:* 9511039

CH2M HILL OAKLAND

Atten: Madeline Wall

Project: DEL MONTE 35 *Project#:* 117517.EP.02
Received: November 2, 1995

re: 2 samples for Gasoline and BTEX analysis.
Method: EPA 5030/8015M/602/8020

Sampled: November 2, 1995 *Matrix:* WATER
Run: 9244-4 *Analyzed:* November 3, 1995

Spl #	Sample ID	Gasoline (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
109081	WK-1B	N.D.	N.D.	N.D.	N.D.	N.D.
109083	WK-1C	N.D.	N.D.	N.D.	N.D.	N.D.
Reporting Limits		0.05	0.5	0.5	0.5	0.5
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		101	115	111	112	111

Jaspal Singh
Chemist

Ali Kharrazi
Organic Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

039/109081 & 109083

24773

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

SUBM #: 9511039 REP: GC
CLIENT: CH2
DUE: 11/07/95
REF #:24773

Chain of Custody

DATE November 2, 1995 PAGE 1 OF 1

PROJ. MGR Madeline Wall
COMPANY CH2M Hill
ADDRESS 1111 Broadway, Suite 1200
Oakland, CA 94607

SAMPLERS (SIGNATURE) Catherine A. Swain
(PHONE NO.) (510) 251-2426
(FAX NO.) (510) 893-8205

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)		LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
WK-1B	11/2/95	9:35A	Water	none		X			X																6
WK-1C	11/2/95	9:30A	Water	none		X			X																6

RUSH

PROJECT INFORMATION

PROJECT NAME: Del Monte 35
PROJECT NUMBER: 117517.EP.02
P.O. #

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS	12
HEAD SPACE	
REC'D GOOD CONDITION/COLD	
CONFORMS TO RECORD	

TAT	STANDARD 5-DAY			24	48	72	OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

RELINQUISHED BY	1.	RELINQUISHED BY	2.	RELINQUISHED BY	3.
Catherine A. Swain 16:05					
(SIGNATURE) (TIME)		(SIGNATURE) (TIME)		(SIGNATURE) (TIME)	
Catherine A. Swain					
(PRINTED NAME) (DATE)		(PRINTED NAME) (DATE)		(PRINTED NAME) (DATE)	
CH2M Hill 11/2/95					
(COMPANY)		(COMPANY)		(COMPANY)	
RECEIVED BY	1.	**RECEIVED BY**	2.	**RECEIVED BY (LABORATORY)**	3
(SIGNATURE) (TIME)		(SIGNATURE) (TIME)		(SIGNATURE) (TIME)	
(PRINTED NAME) (DATE)		(PRINTED NAME) (DATE)		(PRINTED NAME) (DATE)	

LIMITATIONS OF LIABILITY

ChromaLab, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of ChromaLab, Inc. shall be the re-perform work at its own expense, and ChromaLab, Inc. shall have no other liability whatsoever, and in no event shall ChromaLab, Inc. be liable, whether in contract or tort, or otherwise for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use or interpretation of information or analysis provided by ChromaLab, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

Attachment D
GET System Inspection Logs

CH2M HILL DAILY LOG

Project No.: 117517.EP.02

(1) Day: Friday Date: January 19, 1996 Report No.: 13

Work Period: _____ to _____ Weather: cloudy; cool Precipitation: none

(2) Personnel on Site:

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: The flow meter reading was 5,053,490. The pump was not on (although the switch was on). The pipes on the western side of the site appeared to be good. The gate on the eastern side of the site was locked so I couldn't check the pipes or water level in the excavation on this side. The stockpiles on the Park side of the site need to be covered with plastic - most of it is off.

Signature Catherine A. Swai

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

CH2M HILL DAILY LOG

Project No.: 117517.FP.02

(1) **Day:** Friday **Date:** December 22, 1995 **Report No.:** 12

Work Period: _____ **to** _____ **Weather:** cloudy; overcast **Precipitation:** none

(2) **Personnel on Site:**

(3) **Equipment on Site:**

No.	Description	Hrs. Operated

(4) **Work Accomplished Today:** I arrived at 11:00. The excavation was full of water (up to the gravel "walkway"). I could not get a flow in the sample port (SP-F). I went to the other one and the pump was not running although the switch was ON. The flow meter reading was 4,974.79. I collected samples from ports A, B and C. I checked all of the pipe (both sides) and they were all okay. I went back to the excavation and again still could not collect a sample from SP-F. I could not hear or feel any flow in the pipe. I left at 12:00!

Signature Catherine M. Swa

Samples? yes/no **Photos?** yes/no **Delays/Action Items?** yes/no

CH2M HILL DAILY LOG

Project No.: 117517.EP.02

(1) Day: Wednesday Date: December 6, 1995 Report No.: 11

Work Period: ____ to ____ Weather: overcast Precipitation: None

(2) Personnel on Site:

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: I arrived at the site at 1:30. Although the switch was in the ON position, the pump was not running. I waitted about 5 minutes for the pump to turn on but it didn't. I switched the lever OFF then ON again. The pump turned on. The flow meter reading was 4,949,158. I checked the pipes; they all looked good. I went to the eastern side of the plant. The water level in the excavation has dropped dramatically. I checked the pipes on the eastern side of the plant; all okay. I went back to the western side to see if the pump was still running and it was.

Before I left the eastern side of the plant, the security guard asked why the port-o-let had been removed- he had no place to go to the bathroom. I told him I would ask Madeline (I left her a voice mail)

Signature Catherine L. Swain

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

CH2M HILL DAILY LOG

Project No.: 117517.0202

(1) Day: Wednesday Date: 11/29/95 Report No.: 10

Work Period: ____ to ____ Weather: sunny. very thin clouds Precipitation: 0

(2) Personnel on Site:

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: Arrived West Parcel at 10:00 am
Totalizer reading: 4,837,288
EBMud inspector, Rodney Temple arrived ~10:03 am
Rodney collected a sample from SP-A
wants to check hi/low switch in Baker tank - will check next time when DECON rep is here
I need to ask DECON about shut on/off cycle
* need to
get date & totalizer reading of start up to Rodney (startup)
Rodney asked for copies of analytical results that I showed him; I faxed them to him on 11/27/95.
When I arrived at 9:45 on the East Parcel, Evergreen Oil was removing drums of oil under direction of TECHCO (Rick Guzman)
Water in pond on E. Parcel has dropped about 4 feet.

East Bay Mud

Signature Madeline Wall

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

CH2M HILL DAILY LOG

Project No.: 117517.EP.02

(1) Day: Tuesday Date: November 14, 1995 Report No.: 9

Work Period: ____ to ____ Weather: Clear, warm Precipitation: None

(2) Personnel on Site:

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: I arrived at 10:25 and collected samples at all 3 ports. The flow meter reading was 4,716,765 DECON had isolated the big drain but I took photos of this and the 3 sampling ports. DECON had relocated "A" last Friday. The piping all looked good.

Signature Catherine A. Swain

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

DEL MONTE CONSTRUCTION DOCUMENTATION

CH2M HILL *DAILY LOG*

Project No.: 117517.EP.02

(1) **Day:** Thursday **Date:** November 9, 1995 **Report No.:** 8

Work Period: ____ **to** ____ **Weather:** overcast, misty **Precipitation:** slight

(2) **Personnel on Site:**

(3) **Equipment on Site:**

No.	Description	Hrs. Operated

(4) **Work Accomplished Today:** I checked the system at 9:30. Although there was some ponded water in the plant, it was all rainwater. The pipes all looked good. There was a marked drop in the water level in the excavation from last week - maybe 2 feet. I checked out the discharge point on the system and still no flow. I'll fax Wayne Gathright again. I came back around 1:00 and collected samples from B and C after I talked to Madeline and she said to not wait for PECON to fix A. Last week's sample results were all ND. The flow meter reading was 4,638,131 I checked the discharge sampling port and there was still no flow.

Signature Catherine A. Sura

Samples? yes/no **Photos?** yes/no **Delays/Action Items?** yes/no

CH2M HILL DAILY LOG

Project No.: 117577.EP.02

(1) Day: Monday / Tuesday Date: November 6, 1995 / November 7, 1995 Report No.: 6, 7

Work Period: _____ to _____ Weather: clear Precipitation: none

(2) Personnel on Site:

_____ _____ _____

_____ _____ _____

_____ _____ _____

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: I arrived at the site at 1:45. Grafiti Control Services was removing some graffiti on the western side of the building. There was still no sampling port for the discharge. I collected samples from the inlet to the first carbon cannister and from the pipe between the 2 cannisters. I left a message for Madeline and sent a fax to Wayne Cartwright (at DECON) again asking him when they were going to be installing that sampling port - that Del Monte was in violation of their discharge permit without it. The flow meter reading was 4,593,389. Wayne from DECON called and left me a message (10:24 AM 11/7/95) that the sampling port was in the elbow near the ground. I didn't see it but I'll go back out and sample today. I talked to Wayne (at ~~11:45~~) and he said that the big drain box might/might not have a curb on it. I told him I'd check and let him know - if it didn't, I'd fax him a map showing the area that needed to be isolated. I went out to the site at 4:00. I found the discharge sampling port - it was outside the system! When I opened the valve, no water came out. I could hear it through. I think the valve is above the water line

Nov. 6 ↑ Nov. 7

Signature Catherine A. Swain

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

CH2M HILL DAILY LOG

Project No.: 117517.EP.02

(1) Day: Saturday Date: November 4, 1995 Report No.: 5

Work Period: ____ to ____ Weather: clear; cool Precipitation: none

(2) Personnel on Site:

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: I checked the system at 7:00. There was a visible water level drop in the excavation on the east parcel. The lines all looked good. The flow meter reading was 4,556,793 (a net 16,000 gallons since yesterday). There was more water on the western piezometer than the flow meter.

Signature Catherine A. Swain

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

CH2M HILL DAILY LOG Project No.: 117517.EP.02

(1) Day: Friday Date: November 3, 1995 Report No.: 4

Work Period: ____ to ____ Weather: cloudy; cool / overcast Precipitation: none

(2) Personnel on Site:

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: I checked the system at 7:30 AM. It was running about 3-4 gallons before shutting off. Doing some quick math, the pump system pumped about 4,800 gallons since 9:00 AM yesterday (~ 10-11 gpm). There was some (minor) standing water on the wooden platform near the flow meter (reading 4,540,893). The rest of the line looked good. There is still no sampling port at the discharge. I talked to Wayne Gathright at DECON and he said that he was told that the sampling port had been installed on Wednesday. I checked told him I didn't see it on Thursday but that I would check it out and call him back. I went out at 3:00, it wasn't there, and I left a message for Wayne (that it wasn't there) around 5:30. Earlier, Wayne said that the small amount of standing water wasn't significant. When I checked at 3:00, the amount of water had diminished. Jason from DECON called to tell me he didn't really have any field logs since May (for the report).

There was a visible dip in the liner (post the excavation) on the east parcel.

Signature Catherine C. Swain

Samples? yes/(no) Photos? yes/(no) Delays/Action Items? (yes)/no

DEL MONTE CONSTRUCTION DOCUMENTATION

CH2M HILL *DAILY LOG*

Project No.: 117517.EP.02

(1) **Day:** Thursday **Date:** November 2, 1995 **Report No.:** 3

Work Period: _____ to _____ **Weather:** cloudy; cool overcast **Precipitation:** none

(2) **Personnel on Site:**

_____ _____ _____

_____ _____ _____

_____ _____ _____

(3) **Equipment on Site:**

No.	Description	Hrs. Operated

(4) **Work Accomplished Today:** I arrived at the site at 9:00. It appeared that DECON had fixed the leak but there was no sample port for A yet. I turned on the pump and checked the line. It all looked good. The pump did not appear to be working well - it did not run steadily - it would run for 2-4 gallons at time before shutting off. I'll talk to Bern and DECON about this. I collected the samples from ports B and C. I marked them with a pen to avoid confusion in the future. Also, when Mr. Olivia (Alameda County Environmental Health) was visiting the east parcel, the pump did not appear to be on even though the system was. The flow meter reading was 4,526,029.

Signature Catherine A. Sw

Samples? (yes)/no **Photos?** yes/(no) **Delays/Action Items?** (yes)/no

CH2M HILL *DAILY LOG*

Project No.: 117517.EP.02

(1) **Day:** Tuesday **Date:** October 31, 1995 **Report No.:** 2

Work Period: _____ **to** _____ **Weather:** overcast, cloudy **Precipitation:** none

(2) **Personnel on Site:**

_____ _____ _____

_____ _____ _____

_____ _____ _____

(3) **Equipment on Site:**

No.	Description	Hrs. Operated

(4) **Work Accomplished Today:** Still no word from DECON. I went to the site at 10:00 am. The system was off. I turned it on and the pipe still leaked. I called DECON and left a message about fixing the leak and sent Wayne Gathright a fax asking him the same thing. I got an voice mail (at 10:05) from Wayne telling me they were going to fix the leak on Wednesday. I checked the rest of the pipe before I left and it looked good. The flow meter reading was 4,525,934.

Signature Catherine A. Swain

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

CH2M HILL *DAILY LOG*

Project No.: 117517.EP.02

(1) **Day:** Monday **Date:** October 30, 1995 **Report No.:** 1

Work Period: ____ to ____ **Weather:** cloudy; cool overcast **Precipitation:** none

(2) **Personnel on Site:**

(3) **Equipment on Site:**

No.	Description	Hrs. Operated

(4) **Work Accomplished Today:** I arrived at 1:00. The system wasn't on. I turned it on and water started leaking out of the pipes in the same area as Friday. I turned the system off. I had called Wayne Gathright earlier in the day to find out if the leak was fixed (DECON was supposed to fix it last Friday) but he was out of the office so I left a message. I checked the rest of the pipe before I left and it looked good. The flow meter reading was 4,525,912.

Signature Catherine A. Swain

Samples? yes/(no) **Photos?** yes/(no) **Delays/Action Items?** (yes)/no

CH2M HILL DAILY LOG

Project No.: 11751.EP.02

(1) Day: Friday Date: 10/27/95 Report No.: _____

Work Period: _____ to _____ Weather: _____ Precipitation: _____

(2) Personnel on Site:

M Wall / CH2M HILL

Cathy Swain / CH2M HILL

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today: 9:00 am

flow meter reading 4,525,912

system was on but pipe was leaking (small leak forming small puddle in middle of asphalted area.

I turned off system and called DECON - told them to send someone out to fix it.

Signature M Wall

Samples? yes/no Photos? yes/no Delays/Action Items? yes/no

DEL MONTE CONSTRUCTION DOCUMENTATION

CH2M HILL DAILY LOG

Project No.: 11517.EP.02

(1) Day: Monday Date: 10/23/95 Report No.: ____

Work Period: ____ to ____ Weather: ____ Precipitation: ____

(2) Personnel on Site:

M. Wall / CH2M HILL

Wayne Gathright / DECON

(3) Equipment on Site:

No.	Description	Hrs. Operated

(4) Work Accomplished Today:

I met Wayne at 10:15 at West Parcel for system start up.

Flow totalizer reading before start up: 4,498,524 (meter number is 9603176)

Wayne could not get it started. Determined that a valve needs to be replaced

Signature M Wall

Samples? yes/(no) Photos? yes/(no) Delays/Action Items? yes/no

DEL MONTE CONSTRUCTION DOCUMENTATION