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

**Prepared for**
**Del Monte Foods USA**

**Prepared by**
CH2M HILL

**October 31, 1995**

Engineers
Planners
Economists
Scientists

October 26, 1995

117518.GM.01

Ms. Sue Jenne
Wastewater Control Representative
East Bay Municipal Utility District
P. O. Box 24055
Oakland, CA 94623

Subject: 3rd Quarter 1995 Groundwater Monitoring Report
Del Monte Plant 35, Emeryville, CA

Dear Ms. Jenne:

Enclosed is the Quarterly Groundwater Monitoring and Groundwater Extraction and Treatment (GET) System Status Report for Del Monte Plant 35 - West Parcel located at 4204 Hollis Street in Emeryville, California. Please contact me with any questions you have about the information provided. I can be reached at (510) 251-2888.

Sincerely,

CH2M HILL

Madeline Wall

Madeline Wall
Project Manager

c: Steve Ronzone/Del Monte
Thomas Bender/The Bender Partnership
Sum Arigala/RWQCB
Brian Oliva/ACDEH
Susan Hugo/ACDEH

Engineers
Planners
Economists
Scientists

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Mr. Brian Oliva
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Mr. Sum Arigala
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Subject: 3rd 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 - West Parcel located at 4204 Hollis Street in Emeryville, California.

As you are aware, Del Monte stopped extracting groundwater extraction from the West Parcel on July 18, 1995. Since then, two monitoring events have been conducted: August 15 and September 25, 1995. As described in this report, monitoring results show no increase in the levels of chlorinated hydrocarbons detected. Levels of chlorinated hydrocarbons detected are actually lower than those detected during the first two quarters of 1995 when the system was operating.

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

Sincerely,

CH2M HILL

Madeline Wall

Madeline Wall
Project Manager

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c: Ms. Susan Hugo/ACDEH
Ms. Sue Jenne/East Bay MUD
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Mr. Soon Kim/Del Monte
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Mr. Thomas Bender/The Bender Partnership
Mr. Zachary Wasserman/Kennedy and Wasserman

*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.*

Steven B. Rogneve
Signature

Manager, Real Estate, Del Monte Foods
Title

10/27/95
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-West Parcel, at 4204 Hollis Street in Emeryville, California. During the third quarter of 1995 (June 22 through September 25) the groundwater extraction and treatment system was operated as follows:

- June 22 through July 18: groundwater was extracted from the West Parcel , treated, and discharged
- July 18 through 31: extraction and treatment system was turned off for carbon cannister change out
- July 31 through August 4: as part of the East Parcel remediation activities, groundwater from the East Parcel pit was pumped to the West Parcel and treated in the system. (The purpose of dewatering the pit was to lower the level of water to facilitate completing the groundwater extraction system.)
- August 4 through September 25: no groundwater was extracted or treated through the West Parcel GET system.

As requested by the Regional Water Quality Control Board, groundwater was monitored twice during the third quarter: August 15th and September 25th. The additional monitoring event (August 15th) was conducted to assess the effects on groundwater quality of turning off the West Parcel groundwater 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.

## 3.0 Groundwater Monitoring

Monitoring wells MW-7, MW-9, MW-10, and MW-12 were sampled on August 15 and September 25 and analyzed for chlorinated hydrocarbons. The monitoring well locations are shown in Figure 1.

Monitoring well MW-11 was removed in June 1994 during the construction of the new groundwater extraction trench (discussed in Section 4 of this report). In previous quarters, to replace MW-11 data, 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 GET system was not operating at the times that samples were collected, 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. Water samples collected from the influent sample port (SP-D) of the GET system have been used to replace the samples previously collected form MW-8. When the new groundwater extraction trench become operational in August 1994 (see discussion below), SP-D represented water extracted from both the extraction pit and trench. As described above for MW-11/SP-D, the GET system was not operating when groundwater samples were collected; therefore, no MW-8/SP-C results were obtained for this quarter. Figure 3 shows trichloroethene (TCE) concentrations in groundwater samples collected from former monitoring well MW-8 and the influent sample port (SP-D) of the GET system during previous quarters.

Analytical results for chlorinated hydrocarbons from the August and September and previous monitoring events are summarized in Table 1. 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:

| | August 15 | September 25 |
|---|---|---|
| MW7 | 14.4 µg/l | 15.6 µg/l |
| MW-9 | 9.5 µg/l | 9.7 µg/l |
| MW10 | <1.0 µg/l | <1.0 µg/l |
| MW12 | 29 µg/l | 29.9 µg/l |

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

- The only compounds detected were TCE and PCE
- Consistent results were obtained from the two sampling events
- All wells showed decreases in chlorinated hydrocarbons over the previous quarter
- No rebound effect was observed since groundwater extraction ceased

# 4.0 Groundwater Extraction and Treatment System

Following is a description of the West Parcel GET system. As of July 1995, groundwater from the West Parcel will no longer be extracted and treated, unless significant increases in chlorinated hydrocarbon concentrations are observed during quarterly groundwater monitoring. ("Significant increases" will be defined in a Site Wide Risk Management Plan.)

The West Parcel treatment system is being modified to treat groundwater extracted from the East Parcel.

## 4.1 Initial GET System Description

Del Monte began construction of a GET system on January 11, 1993, and began operating the system on January 14, 1993. In June and July 1994, the extraction system was expanded as described below. 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 original 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).

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 electric power source on the Plant 35 property. The shutdown and restart dates are shown in Figure 3.

## 4.2 System Expansion

As described in the Draft Remediation Plan for Del Monte Plant 35 prepared by CH2M HILL in April 1994, Del Monte expanded the groundwater extraction system on the West Parcel by constructing an extraction trench adjacent and parallel to Hollis Street. Figure 4 shows a plan view of the expanded GET system. The trench was completed in early July 1994. Extraction of groundwater from the trench began on August 11, 1994, after piezometers were installed downgradient to monitor the zone of influence. The piezometer locations are shown in Figure 5.

Another modification made to the GET system in July 1994 was the change of the discharge point from the sanitary sewer line leading to Park Avenue to another on-site sanitary sewer line leading to Hollis Street. This change was made in early July at the request of the City of Emeryville.

A schematic of the GET system is shown in Figure 6. Five water sample ports (SP-A, SP-B, SP-C, SP-D, and SP-E) used to monitor the GET system are also shown in Figure 6.

## 4.3 Wastewater Discharge Permit Requirements

A renewed Wastewater Discharge permit was issued to Del Monte on January 14, 1994, by EBMUD for discharge of the treated groundwater to the sanitary sewer. 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 port 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 Method 601. BTEX analyses are no longer required because BTEX has never been detected in any of the GET system samples

Our letter of June 24, 1994 to EBMUD described the groundwater extraction system expansion and the change to the discharge point.

The wastewater discharge permit issued by EBMUD was again renewed on January 18, 1995 effective through January 17, 1998. The renewed permit requires the collection of self-monitoring samples from sample ports B and D on a quarterly basis and reporting on a semi-annual basis. The wastewater discharge limitation for VOC Total Toxic Organics remains unchanged at 0.035 mg/l.

## 4.4 GET System Results

From June 22nd to July 18th, 137,385 gallons of groundwater from the West Parcel were extracted, treated, and discharged. Beginning and ending flow totalizer measurements for this period were:

- June 22, 1995 4,243,976 gallons
- July 18, 1995 4,381,361 gallons

Monitoring samples were not scheduled to be collected during this period.

From July 31 to August 4, 117,063 gallons of groundwater from the East Parcel were treated during remediation dewatering. Beginning and ending flow totalizer measurements for this period were:

- July 31, 1995 4,381,461 gallons
- August 14, 1995 4,498,524 gallons

On August 1 and August 4, 1995, during treatment of the groundwater, samples were collected from sample ports SP-A and SP-C and analyzed for chlorinated hydrocarbons, TPH-gasoline/BTEX, and TPH-kerosene/diesel/motor oil. No chlorinated hydrocarbons, TPH-gasoline, TPH-kerosene, TPH-diesel, or BTEX compounds were detected. The laboratory reported no TPH-motor oil in SP-C and 920 µg/l in SP-A. These results were unusual because SP-D was a sample of water before treatment in the carbon cannisters and SP-A was a sample of water after carbon treatment. A sample labelling error may have been made during sample collection or at the laboratory. Because water treatment had ceased by the time the results were obtained, a second set of samples to clarify the TPH-motor oil concentration could not be obtained. These monitoring results are within the wastewater discharge permit requirements.

## 4.5 Water Level Measurements

Water levels at the three piezometers have been measured once every one to two weeks since August 1994. Because the system extracted water from the West Parcel for a limited time only this quarter (3.5 weeks) water levels were measured only once during this quarter.

## 4.6 Special Events

Carbon cannisters were replaced on July 25, 1995. The used cannisters were picked up by the vendor for regeneration on October 12, 1995.

# 5.0 Future Activities

Del Monte will continue quarterly monitoring of MW-7, MW-9, MW-10, and MW-12 for chlorinated hydrocarbons. The next quarterly monitoring event is scheduled for the end of December 1995. The next groundwater monitoring and GET system quarterly report is scheduled for completion January 31, 1996.

Del Monte has received a new wastewater discharge permit from East Bay MUD for the extraction and treatment of groundwater from the East Parcel (and West Parcel as needed) through the modified treatment system. The treatment unit has been modified to accommodate the new flow. Groundwater extraction from the East Parcel will begin in late October 1995.

# TABLE 1

DEL MONTE PLANT NO. 35, WEST PARCEL
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 |
| 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 |

# TABLE 1

DEL MONTE PLANT NO. 35, WEST PARCEL
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) |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |
| 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 |

# TABLE 1

DEL MONTE PLANT NO. 35, WEST PARCEL
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 | 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 |
| 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 |
| 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 |
| | 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, WEST PARCEL
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 |
| | | | |
| MW-9 | 6/21/95 | 9.09 | 13.19 |
| | 8/15/95 | 9.51 | 12.77 |
| | 9/25/95 | 9.40 | 12.88 |
| | | | |
| MW-10 | 6/21/95 | 6.88 | 12.35 |
| | 8/15/95 | 7.18 | 12.05 |
| | 9/25/95 | 7.08 | 12.15 |
| | | | |
| MW-12 | 6/21/95 | 6.52 | 11.91 |
| | 8/15/95 | 6.94 | 11.49 |
| | 9/25/95 | 6.82 | 11.61 |
| | | | |

# TABLE 3

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-A | 16-Jun-94 | NA | NA | NA | NA | <1.0 | <1.0 | <1.0 | <1.0 t |
| SP-A | 30-Sep-94 | NA | NA | NA | NA | <1.0 | <1.0 | <1.0 | <1.0 t |
| SP-A | 06-Dec-94 | NA | NA | NA | NA | <1.0 | <1.0 | <1.0 | <1.0 t |
| SP-A** | 08-Dec-94 | <0.5 | <0.5 | <0.5 | <0.5 | <1.0 | 2.1 | <1.0 | <1.0 t |
| SP-A | 09-Mar-95 | NA | NA | NA | NA | <1.0 | <1.0 | <1.0 | <1.0 t |
| SP-A | 22-Jun-95 | NA | NA | NA | NA | 3.9 | 7.7 | 1.1 | 1.3 t |
| SP-A** | 01-Aug-95 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 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-B | 16-Jun-94 | NA | NA | NA | NA | <1.0 | 26 | <1.0 | <1.0 t |
| SP-B | 30-Sep-94 | NA | NA | NA | NA | <1.0 | 1.8 | <1.0 | <1.0 t |
| SP-B | 06-Dec-94 | NA | NA | NA | NA | 4.0 | 4.8 | <1.0 | <1.0 t |
| SP-B** | 08-Dec-94 | <0.5 | <0.5 | <0.5 | <0.5 | 6.2 | 8.6 | <1.0 | <1.0 t |
| SP-B | 09-Mar-95 | NA | NA | NA | NA | <1.0 | 11 | <1.0 | <1.0 t |
| SP-B | 22-Jun-95 | NA | NA | NA | NA | 7.4 | 11 | <1.0 | 1.0 t |

# TABLE 3

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-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-C | 16-Jun-94 | NA | NA | NA | NA | NA | NA | NA | NA |
| SP-C | 30-Sep-94 | NA | NA | NA | NA | NA | NA | NA | NA |
| SP-C | 08-Dec-94 | NA | NA | NA | NA | NA | NA | NA | NA |
| SP-C | 09-Mar-95 | NA | NA | NA | NA | NA | NA | NA | NA |
| SP-C | 22-Jun-95 | NA | NA | NA | NA | NA | NA | NA | NA |
| SP-C** | 01-Aug-95 | <0.5 | <0.5 | <0.5 | <0.5 | 1.6 | 5.0 | <0.5 | 2.6 |
| 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 |
| SP-D | 16-Jun-94 | NA | NA | NA | NA | 13 | 37 | <1.0 | <1.0 t |
| SP-D | 30-Sep-94 | NA | NA | NA | NA | 2.5 | 2.5 | <1.0 | <1.0 t |
| SP-D | 06-Dec-94 | NA | NA | NA | NA | 1.4 | 5.5 | 4.0 | <1.0 t |
| SP-D | 09-Mar-95 | NA | NA | NA | NA | 3.4 | 16 | <1.0 | <1.0 t |
| SP-D | 22-Jun-95 | NA | NA | NA | NA | 5.2 | 9.1 | <1.0 | <1.0 t |

# TABLE 3

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-E | 30-Sep-94 | NA | NA | NA | NA | 2.8 | 2.6 | <1.0 | <1.0 t |
| SP-E | 06-Dec-94 | NA | NA | NA | NA | 1.8 | 4.2 | <1.0 | <1.0 t |
| SP-E | 09-Mar-95 | NA | NA | NA | NA | 1.1 | 2.3 | <1.0 | <1.0 t |
| SP-E | 22-Jun-95 | NA | NA | NA | NA | 4.6 | 6.9 | <1.0 | <1.0 t |

(NA) Not Analyzed
(*) Sample collected by East Bay Municipal Utility District
(**) Sampled collected to monitor the water from the East Parcel.
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

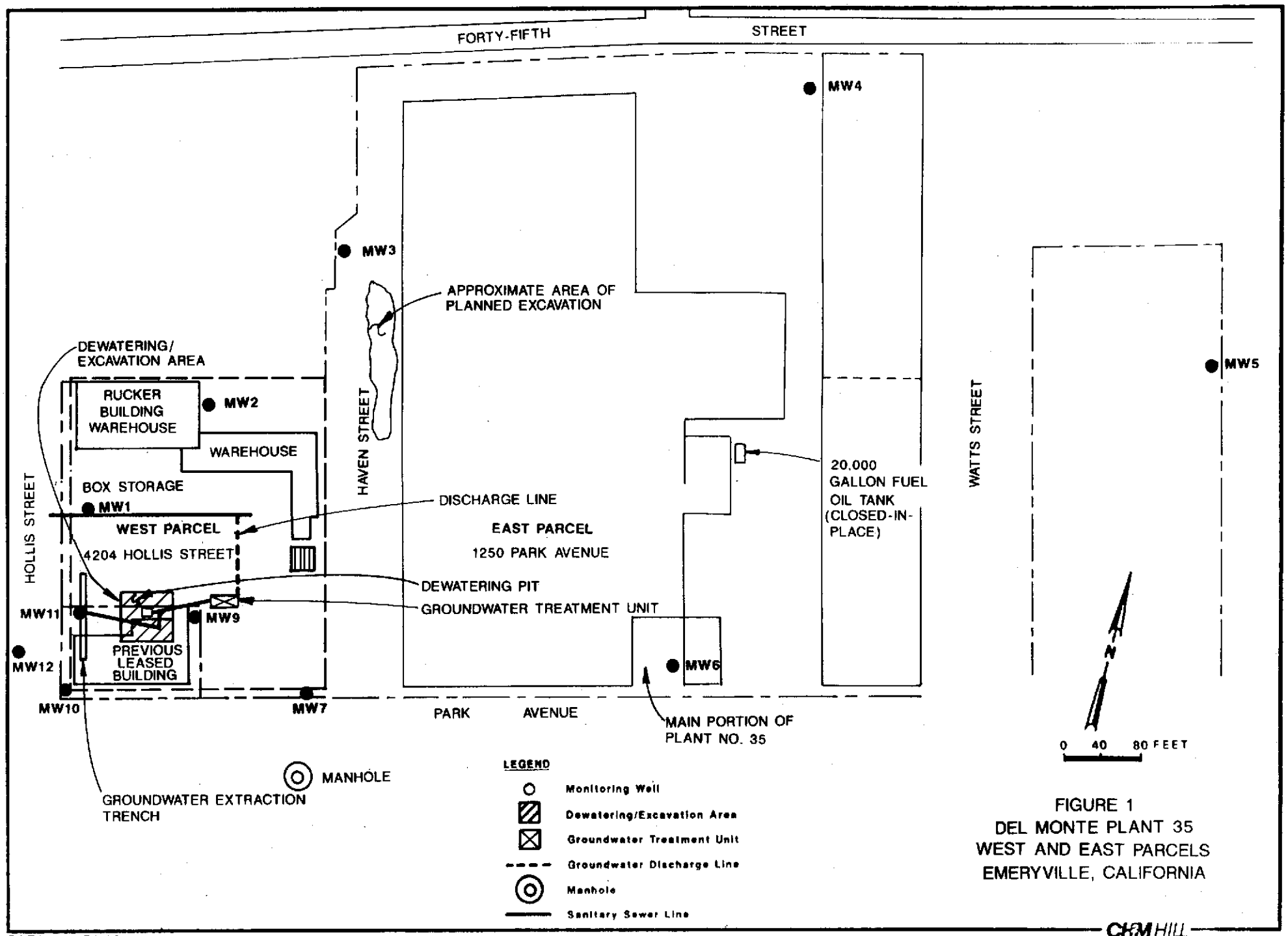



FIGURE 1
DEL MONTE PLANT 35
WEST AND EAST PARCELS
EMERYVILLE, CALIFORNIA

CH2M HILL

BAE28830.P2.03

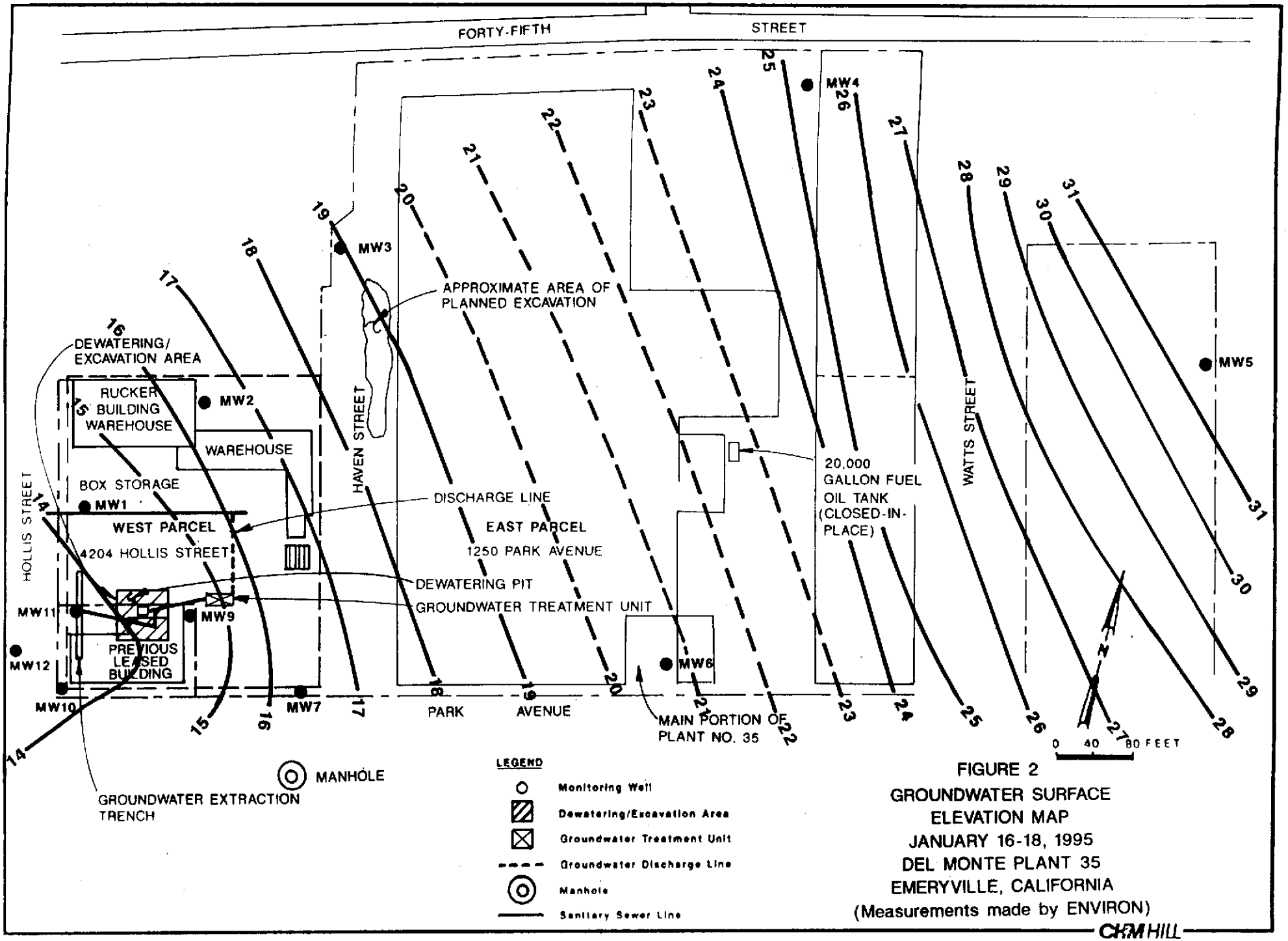
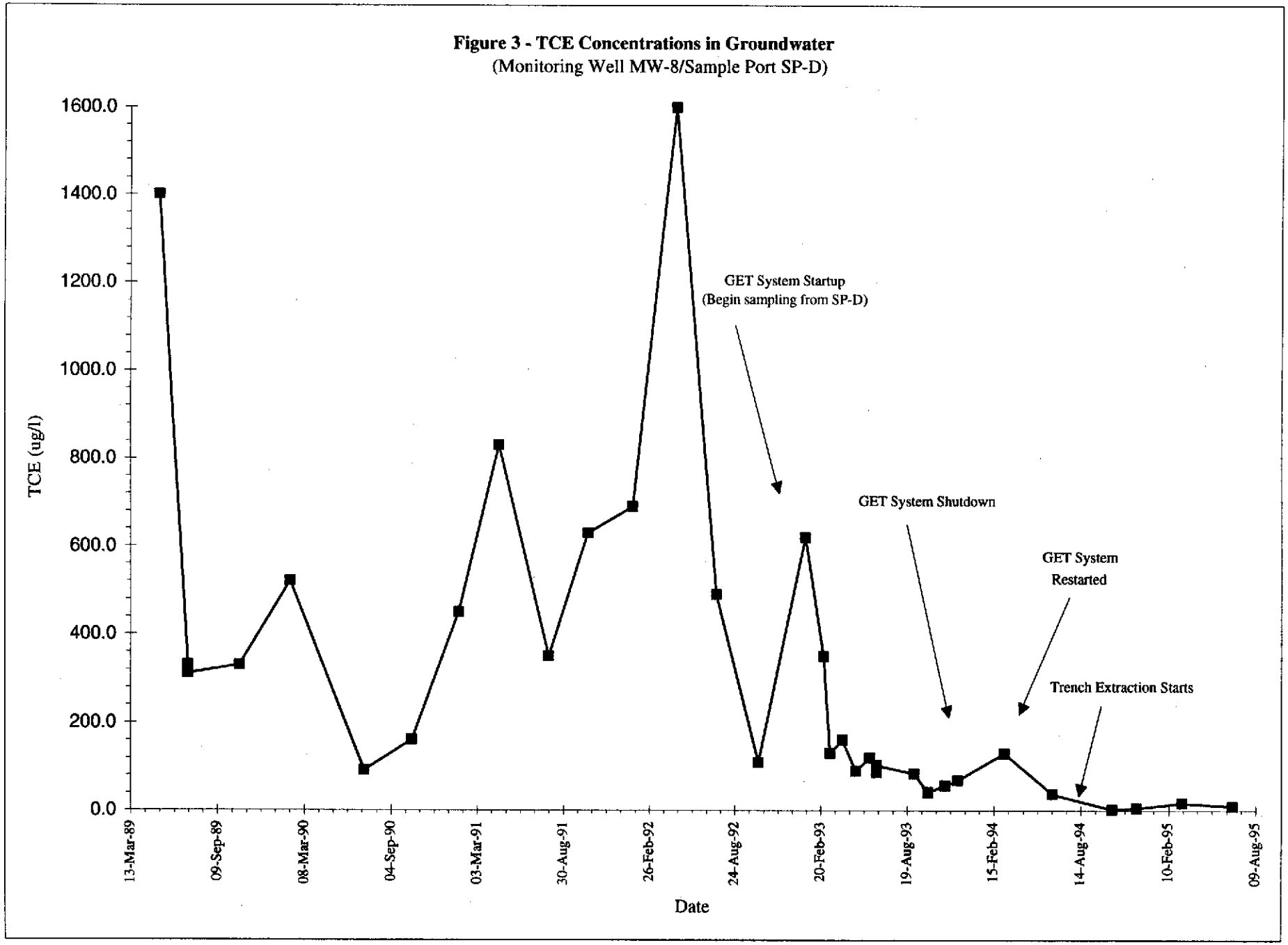



FIGURE 2
GROUNDWATER SURFACE ELEVATION MAP
JANUARY 16-18, 1995
DEL MONTE PLANT 35
EMERYVILLE, CALIFORNIA
(Measurements made by ENVIRON)

CH2M HILL

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



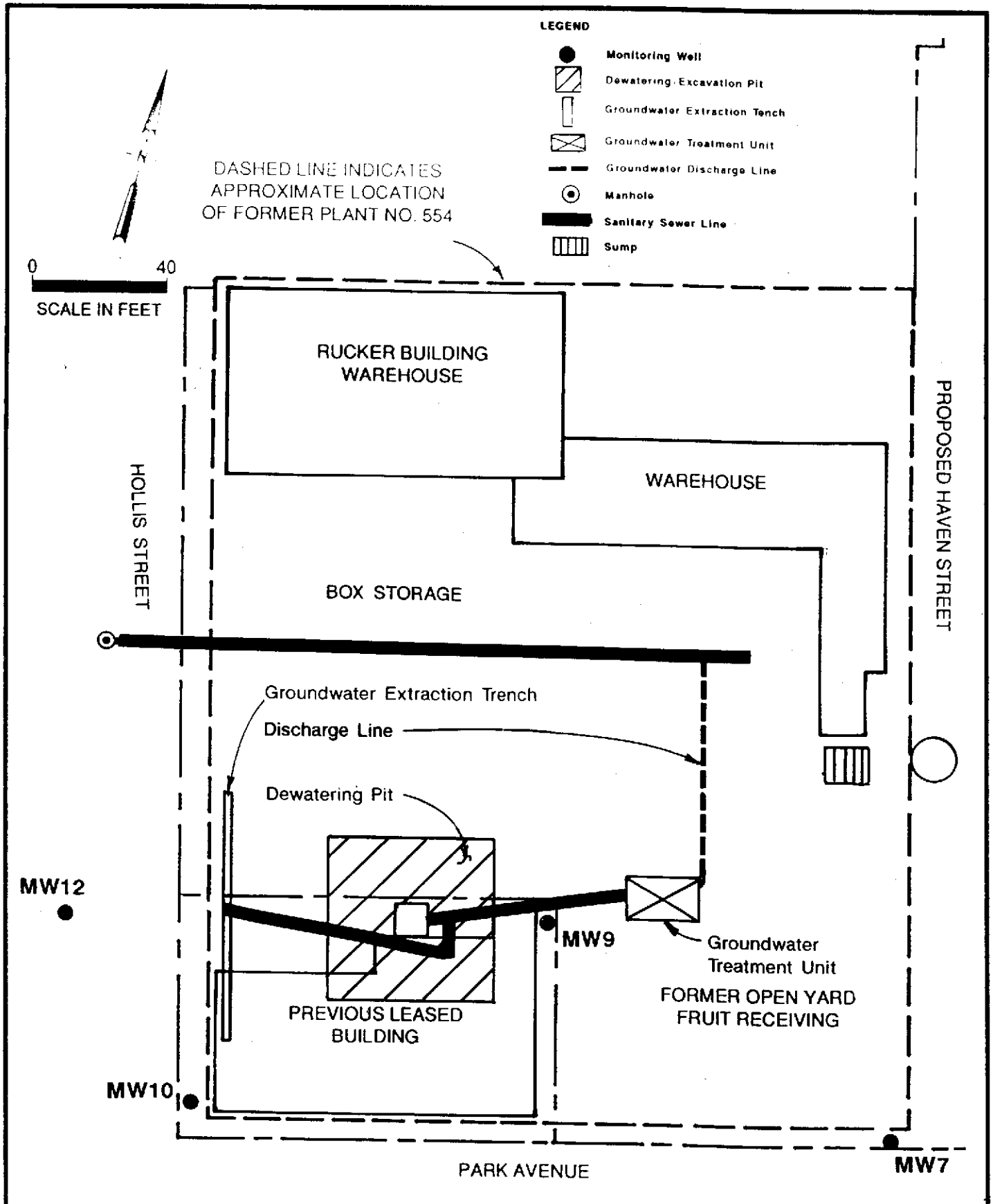
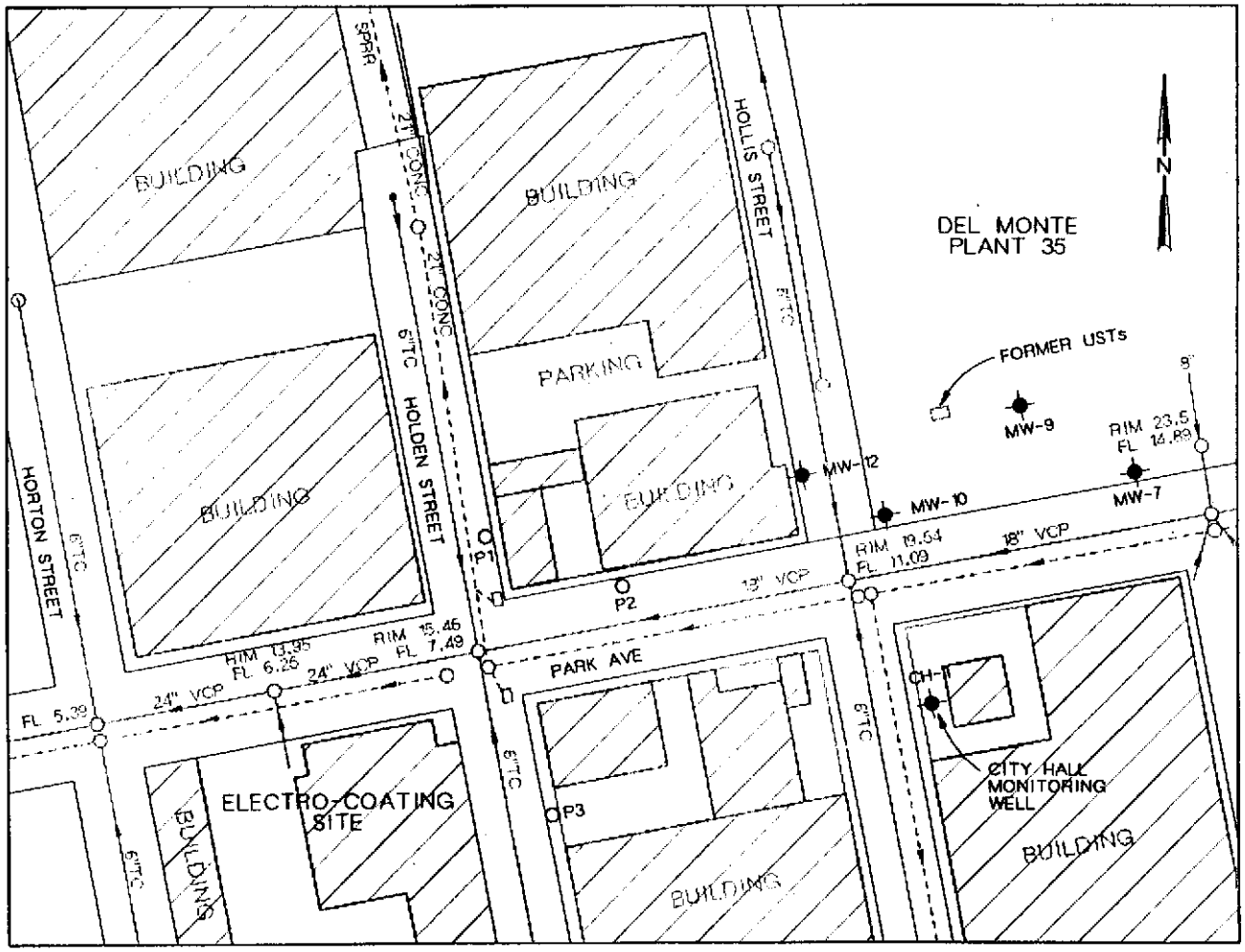



FIGURE 4
DEL MONTE PLANT 35
GROUNDWATER EXTRACTION SYSTEM
Emeryville, California

BAE28830.P2.03

CH2M HILL




LEGEND:

- APPROXIMATE BUILDING LOCATION
- MW-11 — EXISTING MONITORING WELL
- P-1 — PIEZOMETER

0 100' 200' 300'

SCALE: 1" = 100'

FIGURE 5
PIEZOMETER LOCATIONS
DEL MONTE PLANT 35
EMERYVILLE, CALIFORNIA

CH2M HILL

H:*SFO28830*28830F05.DGN

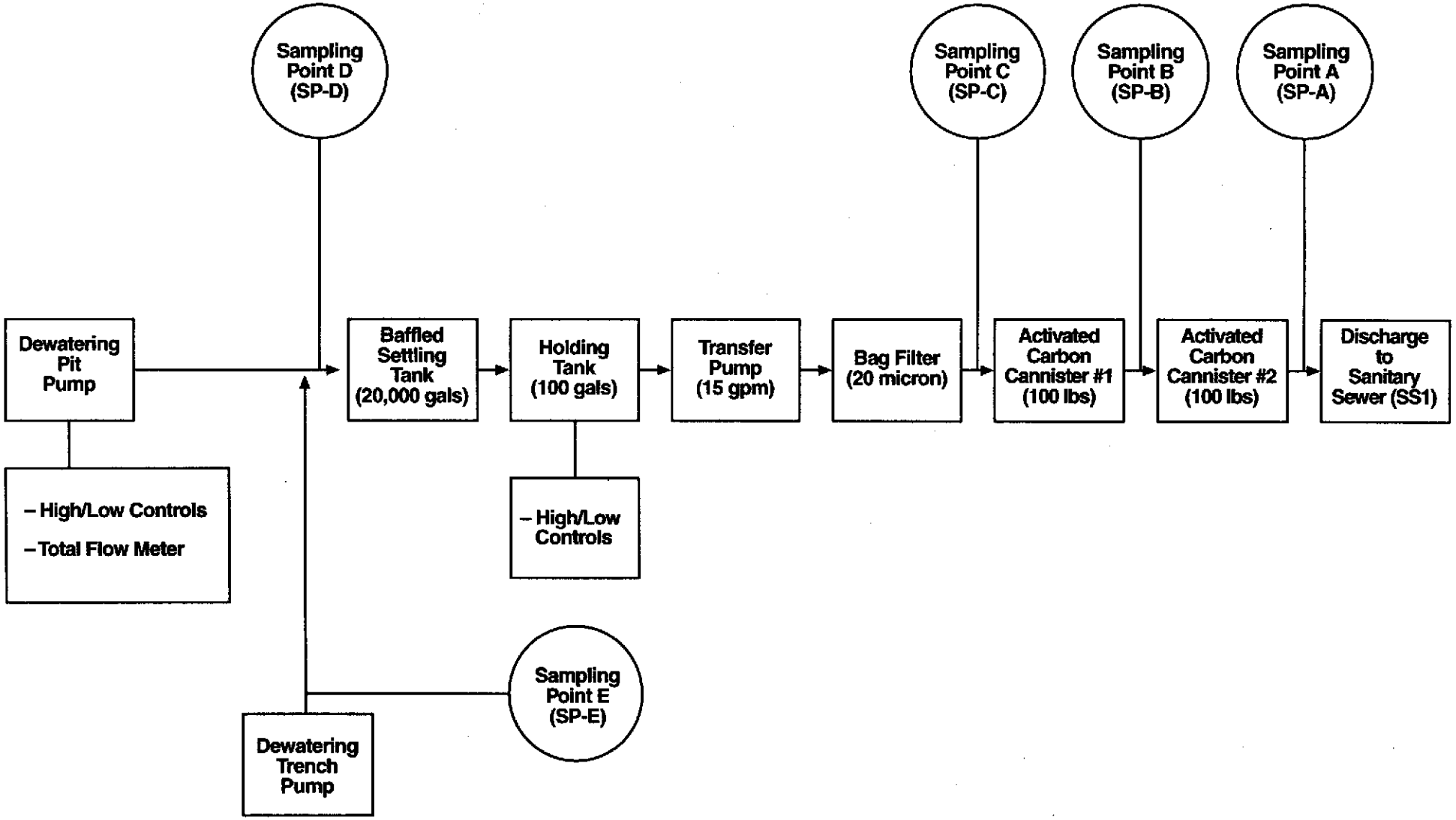



**Figure 6**
**DEL MONTE PLANT 35**
**GROUNDWATER TREATMENT UNIT**

117518.GM.01 Figure 6 7/95 pm

Attachment A

# Analytical Laboratory Reports

QAL
QUALITY ANALYTICAL
LABORATORIES, INC.

August 30, 1995

Ms. Madeline Wall
CH2M Hill/SFO
1111 Broadway, Suite 1200
PO Box 12681
Oakland, CA 94607-4046

RE: Analytical Data for **Del Monte Plant #35**

QAL Reference **RA253**

Dear Ms. Wall:

On **August 17, 1995**, QAL, Inc. received samples with a request for analysis. The analytical results and associated quality control data are enclosed.

It is our policy to store your samples for 30 days from the date of this letter. If extended storage is required, special arrangements can be accommodated upon early notification. The disposition of samples identified as hazardous will require special handling and you will be contacted if necessary.

QAL, Inc. appreciates your business and looks forward to serving you again. If you have any questions concerning your report or need any additional information, please call me at **(916) 244-5227**.

Sincerely,

Bryan Jones

Bryan Jones
Project Manager/Client Services

Enclosures

xc: Mr. Don Weltz

## TABLE OF CONTENTS

**QAL Lab Reference No.:** RA253
**Level 1**




*Quality Analytical Laboratories Inc.*
*5090 Caterpillar Road, Redding, CA 96003-1412*
*916 244-5227 Fax No. 916 244-4109*

## 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 adjustments when indicated.

J -- Indicates an estimated value. It is used when the data indicates the presence of a compound below the reporting limit.

C -- 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 that the data user evaluate these compounds and their amounts carefully.

E -- This flag indicates that the value reported exceeds the linear calibration range for that compound. Therefore, the sample should be re-analyzed 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 quantitation.

P -- This qualifier is used for Pesticide/Aroclor target analytes when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P.

N -- This qualifier indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds(TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as Chlorinated Hydrocarbon, the "N" qualifier is not used.

A -- This qualifier indicates that a TIC is a suspected aldol-condensation product.



uality Analytical
boratories Inc.
5090 Caterpillar Road,
Redding, CA 96003-1412
916 244-5227
Fax No. 916 244-4109

## Organic Sample ID Qualifiers

The qualifiers that may be appended to the Lab Sample ID and/or the Client Sample ID for organic analyses are defined below:

DL -- Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds exceeding the calibration range. The sample was diluted and re-analyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted re-analysis may be reported.

R -- Reanalysis. The extract was re-analyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalyses of the sample at the same dilution.

.RE -- Re-extraction analysis. The sample was re-extracted and re-analyzed. May be followed by a digit to indicate multiple re-extracted analyses of the sample at the same dilution.

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 spikes within a sample set.)



Quality Analytical Laboratories Inc.
5090 Caterpillar Road, Redding, CA 96003-1412
916 244-5227
Fax No. 916 244-4109

# GC PURGEABLE HALOCARBONS

**CASE NARRATIVE**
**GC PURGEABLE HALOCARBONS**

QAL Lab Reference No./SDG.: RA253

Project: Del Monte Plant #35

**I. RECEIPT**

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody included with this data package.

**II. HOLDING TIMES**

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

**III. METHOD**

Preparation: N/A
Cleanup: N/A
Analysis: EPA 601

**IV. PREPARATION**

Sample preparation proceeded normally.

**V. ANALYSIS**

A. Calibration : All acceptance criteria were met.

B. Blanks: All acceptance criteria were met.

C. Surrogates: All acceptance criteria were met.

D. Spikes: All acceptance criteria were met.

E. Samples: Sample analyses proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and QAL, Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

SIGNED: Brian Geers DATE: 8-30-95

Brian Geers
Manager, Organics Department


Quality Analytical Laboratories Inc.
5090 Caterpillar Road, Redding, CA 96003-1412
916 244-5227
Fax No. 916 244-4109

# Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client: | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 08/15/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA253001 | Date Received: | 08/17/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 08/26/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | J.W. |
| Sampler: | N/A | | | Date Reported: | 08/30/95 |

Client Sample ID/Description: MW7

| 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 | 7.8 | 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 | 6.6 | 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 = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by: Brian Hess

FORM I

kdh.030

# Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client: | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 08/15/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA253002 | Date Received: | 08/17/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 08/26/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | J.W. |
| Sampler: | N/A | | | Date Reported: | 08/30/95 |

Client Sample ID/Description: MW9

| 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 | 2.5 | | 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 | 7.0 | | 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 | | 101 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by: Brian Hall

FORM I

kdh.030

# Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client: | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 08/15/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA253003 | Date Received: | 08/17/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 08/26/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | J.W. |
| Sampler: | N/A | | | Date Reported: | 08/30/95 |

Client Sample ID/Description: MW10

| 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 | 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 | | 101 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by: Brian Hollo

FORM I

kdh.030

# Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client: | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 08/15/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA253004 | Date Received: | 08/17/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 08/26/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | J.W. |
| Sampler: | N/A | | | Date Reported: | 08/30/95 |

Client Sample ID/Description: MW12

| 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 | 18 | | 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 | 11 | | 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 = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by:

FORM I

kdh.030

Quality Analytical Laboratories Inc.
5090 Caterpillar Road, Redding, CA 96003-1412
916 244-5227
Fax No. 916 244-4109

# Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client: | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 08/15/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA253005 | Date Received: | 08/17/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 08/26/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | J.W. |
| Sampler: | N/A | | | Date Reported: | 08/30/95 |

Client Sample ID/Description: TB

| 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 | 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 | | 97 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by: Brian Hall

FORM I

kdh.030

# Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client: | N/A | Laboratory: | QAL | Date Sampled: | N/A |
| Project: | N/A | Lab Sample ID: | VWB10825 | Date Received: | N/A |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 08/25/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | J.W. |
| Sampler: | N/A | | | Date Reported: | 08/30/95 |

Client Sample ID/Description: VWB10825

| 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 | 1,1,2,2-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 = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by: Brian Green

FORM I

kdh.030

# CHAIN OF CUSTODY DOCUMENTATION

QUALITY ANALYTICAL LABORATORIES, INC.

GC. CS

LIMS

# CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project # 117518.GM.01 | Purchase Order #

Project Name DEL MONTE PLANT #35

Company Name CH2M HILL

Project Manager or Contact & Phone # MADELINE WELL (510) 251-2888 2189

Report Copy to:

Requested Completion Date: 2 WEEK TAT

Site ID

Sample Disposal: Dispose ☐ Return ☐

☐ LGN
One Innovation Drive, Suite C
Alachua, FL 32615-9586
(904) 462-3050 FAX (904) 462-1670

☒ LRD
5090 Caterpillar Road
Redding, CA 96003-1412
(916) 244-5227 FAX (916) 244-4109

☐ LMG
2567 Fairlane Drive
Montgomery, AL 36116-1622
(205) 271-2440 FAX (205) 271-3428

☐ LKW
Canviro Analytical Laboratories, Inc.
50 Bathurst, Unit 12
Waterloo, Ontario, Canada N2V 2C5
(519) 747-2575 FAX (519) 747-3806

THIS AREA FOR LAB USE ONLY

Lab # RA053 | Page | of

Client Service | Price Source A P Q S

Acct Code | Test Group

Project Code | Ack. Gen.

LIMS Ver | Login | Mult.

COC Review

| Sampling Date | Sampling Time | Type COMP | Type GRAB | Matrix WATER | Matrix SOIL | CLIENT SAMPLE ID (9 CHARACTERS) | QC ID (3 CHAR) | # OF CONTAINERS | ANALYSES REQUESTED: 8010 HLEI | SAMPLE REMARKS | LAB 1 ID | LAB 2 ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/15 | 12:55 | | | X | | MW7 | | 4 | X | | 1 | |
| 8/15 | 12:10 | | | X | | MW9 | | 4 | X | | 2 | |
| 8/15 | 11:40 | | | X | | MW10 | | 4 | X | | 3 | |
| 8/15 | 13:50 | | | X | | MW12 | | 4 | X | | 4 | |
| 8/15 | — | | | X | | TB | | 3 | X | | 5 | |

all samples OH <2

Sampled By & Title: Mike Toll (Please sign and print name) — Date/Time: 8/16/95 1445

Received By: Heather Darell (Please sign and print name) — Date/Time: 08/17/95 0910

Received By (Please sign and print name) — Date/Time

Received By (Please sign and print name) — Date/Time

Relinquished By (Please sign and print name) — Date/Time

Relinquished By (Please sign and print name) — Date/Time

Relinquished By (Please sign and print name) — Date/Time

Shipped Via: UPS (Fed-Ex) Other — Shipping # 432134901 2

HAZWRAP/NESSA: Y (N)

EDATA: Y (N)

QC LEVEL (1) 2 3 OTHER —

pH see above | Ice Y None

Custody Seal N | Temp 4°C

Batch Remarks:

0011

*Instructions and Agreement Provisions on Reverse Side*

*DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client*

LAB FORM 340

QUALITY ANALYTICAL LABORATORIES, INC.

# CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project # 117518.LM.01 | Purchase Order #

Project Name: DEL Monte Plant #35

Company Name: CH2M Hill

Project Manager or Contact & Phone #: MADELINE WILL (510) 251-2888 2189

Report Copy to:

Requested Completion Date: 2 WEEK TAT

Site ID:

Sample Disposal: Dispose ☐ Return ☐

☐ LGN — One Innovation Drive, Suite C, Alachua, FL 32615-8686, (904) 462-3050 FAX (904) 462-1678

☒ LRD — 5900 Caterpillar Road, Redding, CA 96003-1412, (916) 244-5227 FAX (916) 244-4109

☐ LMG — 2567 Fairlane Drive, Montgomery, AL 36116-1622, (205) 271-2440 FAX (205) 271-3428

☐ LKW — Cambro Analytical Laboratories, Inc., 50 Bathurst, Unit 12, Waterloo, Ontario, Canada N2V 2C1, (519) 747-2575 FAX (519) 747-3486

THIS AREA FOR LAB USE ONLY

Lab # RA053 | Page | of

Client Service | Price Source: A P Q S

Acct Code | Test Group

Project Code | Ack. Gen.

LIMS Ver | Login | Mult.

COC Review

| Sampling Date | Sampling Time | Type: COMP | Type: GRAB | Matrix: WATER | Matrix: SOIL | CLIENT SAMPLE ID (9 CHARACTERS) | QC ID (3 CHAR) | # OF CONTAINERS | 8010 | SAMPLE REMARKS | LAB 1 ID | LAB 2 ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/15 | 12:55 | | | X | | MW7 | | 4 | X | | 1 | |
| 8/15 | 12:10 | | | X | | MW9 | | 4 | X | | 2 | |
| 8/15 | 11:40 | | | X | | MW10 | | 4 | X | | 3 | |
| 8/15 | 13:50 | | | X | | MW12 | | 4 | X | | 4 | |
| 8/15 | — | | | X | | TB | | 3 | X | | 5 | |

all samples pH <2

Sampled By & Title: Mike Toll — Date/Time: 8/16/95 1445

Relinquished By: Mark Brown — Received By: Ted Beaudoin for Mike Toll — Date/Time: 8/16/95 1445

Received By: Heather Carle — Date/Time: 08/16/95 0810

Relinquished By — Date/Time

Received By — Date/Time

Relinquished By — Date/Time

Received By — Date/Time

Shipped Via: UPS (Fed-Ex) Other — Shipping # 4821349012

Batch Remarks:

TURNAROUND: Y (N)

EDATA: Y (N)

QC LEVEL (1) 2 3 OTHER

pH ok per SAL | Ice Y Nuu

Custody Seal N | Temp 4°C

Instructions and Agreement Provisions on Reverse Side

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client

LAB FORM 300

# QAL SAMPLE RECEIPT EXCEPTION REPORT

Sample Batch Number RA253 Client/Project Del Monte Plant #35

| | | Comments: |
|---|---|---|
| | 1. No custody seal as required by project. | 11. No signature in the 'relinquished by' box |
| | 2. No chain-of-custody provided. | |
| | 3. Analysis, description, date of collection not provided. | |
| | 4. Samples broken or leaking on receipt. | |
| | 5. Temperature of samples inappropriate for analysis requested. | |
| | 6. Container inappropriate for analysis requested. | |
| | 7. Inadequate sample volume. | |
| | 8. Preservation inappropriate for analysis requested. | |
| | 9. Samples received out of holding time or analysis requested. | |
| | 10. Descrepancies between COC form and container labels. | |
| X | 11. Other | |

Corrective Actions Taken:

Faxed copy of COC to Kent Brown for signature. Find attached a faxed copy of the signed COC.

Notified:
✓ Client Madeline Wall & Kent Brown
__ Division Mgr/Supervisor
__ LQAC
__ Client Services

By: Heather L Oswell 08/09/95
Sample Custody Supervisor

QUALITY ANALYTICAL
LABORATORIES, INC.

October 10, 1995

Ms. Madeline Wall
CH2M Hill/SFO
1111 Broadway, Suite 1200
PO Box 12681
Oakland, CA 94607-4046

RE: Analytical Data for **Del Monte Plant #35**
QAL Reference **RA418**

Dear Ms. Wall:

On **September 26, 1995**, QAL, Inc. received samples with a request for analysis. The analytical results and associated quality control data are enclosed.

It is our policy to store your samples for 30 days from the date of this letter. If extended storage is required, special arrangements can be accommodated upon early notification. The disposition of samples identified as hazardous will require special handling and you will be contacted if necessary.

QAL, Inc. appreciates your business and looks forward to serving you again. If you have any questions concerning your report or need any additional information, please call me at **(916) 244-5227**.

Sincerely,

Bryan Jones

Bryan Jones
Project Manager/Client Services

Enclosures

xc: Mr. Don Weltz

## TABLE OF CONTENTS

**QAL Lab Reference No.:** RA418
**Level 1**




*Quality Analytical Laboratories Inc.*
*5090 Caterpillar Road, Redding, CA 96003-1412*
*916 244-5227 Fax No. 916 244-4109*

## 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 adjustments when indicated.

J -- Indicates an estimated value. It is used when the data indicates the presence of a compound below the reporting limit.

C -- 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 that the data user evaluate these compounds and their amounts carefully.

E -- This flag indicates that the value reported exceeds the linear calibration range for that compound. Therefore, the sample should be re-analyzed 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 quantitation.

P -- This qualifier is used for Pesticide/Aroclor target analytes when there is a greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a "P.

N -- This qualifier indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds(TIC), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as Chlorinated Hydrocarbon, the "N" qualifier is not used.

A -- This qualifier indicates that a TIC is a suspected aldol-condensation product.



Quality Analytical Laboratories Inc.
5090 Caterpillar Road, Redding, CA 96003-1412
916 244-5227
Fax No. 916 244-4109

## Organic Sample ID Qualifiers

The qualifiers that may be appended to the Lab Sample ID and/or the Client Sample ID for organic analyses are defined below:

DL -- Diluted reanalysis. Indicates that the results of the original analysis of the sample contained compounds exceeding the calibration range. The sample was diluted and re-analyzed. May be followed by a digit to indicate multiple dilutions of the sample. The results of more than one diluted re-analysis may be reported.

R -- Reanalysis. The extract was re-analyzed without re-extraction. The "R" is not used if the sample was also re-extracted. May be followed by a digit to indicate multiple reanalyses of the sample at the same dilution.

RE -- Re-extraction analysis. The sample was re-extracted and re-analyzed. May be followed by a digit to indicate multiple re-extracted analyses of the sample at the same dilution.

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 spikes within a sample set.)



Quality Analytical Laboratories Inc.
5090 Caterpillar Road,
Redding, CA 96003-1412
916 244-522
Fax No. 916 244-410

## Sample ID Cross-reference Table

| QAL, Inc. Lab Sample ID | | Client Sample ID | Collect Date | Sample Matrix | Additional Description |
|---|---|---|---|---|---|
| FS = Field Sample | | | | | |
| RA418001 | FS | MW7 | 09/25/95 | Water | |
| RA418002 | FS | MW9 | 09/25/95 | Water | |
| RA418003 | FS | MW10 | 09/25/95 | Water | |
| RA418004 | FS | MW12 | 09/25/95 | Water | |
| RA418005 | FS | TRIP | 09/25/95 | Water | |



The above lab sample ID's and cross reference information apply to samples as received by the laboratory. Modifiers to the lab sample ID may be added for internal tracking purposes. Any modified sample ID will be reflected in the appropriate case narrative only.

# GC PURGEABLE HALOCARBONS

**CASE NARRATIVE**
**GC PURGEABLE HALOCARBONS**

QAL Lab Reference No./SDG. RA418

Project: Del Monte Plant #35

**I. RECEIPT**

No exceptions were encountered unless a Sample Receipt Exception Report is attached to the Chain-of-Custody included with this data package.

**II. HOLDING TIMES**

A. Sample Preparation: All holding times were met.

B. Sample Analysis: All holding times were met.

**III. METHOD**

Preparation: N/A
Cleanup: N/A
Analysis: EPA 601

**IV. PREPARATION**

Sample preparation proceeded normally.

**V. ANALYSIS**

A. Calibration : All acceptance criteria were met.

B. Blanks: All acceptance criteria were met.

C. Surrogates: All acceptance criteria were met.

D. Spikes: All acceptance criteria were met.

E. Samples: Sample analyses proceeded normally.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and QAL, Inc., both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

SIGNED: _____ DATE: 10/9/95

Mark Fesler
Supervisor, Organics Department

mws.1995-E.HCE1.1

# CASE NARRATIVE
## Addendum

Sample Information

| LAB SAMPLE ID | CLIENT SAMPLE ID | SAMPLE MATRIX | DATE SAMPLED | DATE EXTRACTED | DATE ANALYZED | SAMPLE pH[1] |
|---|---|---|---|---|---|---|
| RA418001 | MW7 | WATER | 09/25/95 | N/A | 10/02/95 | <2 |
| RA418002 | MW9 | WATER | 09/25/95 | N/A | 10/02/95 | <2 |
| RA418003 | MW10 | WATER | 09/25/95 | N/A | 10/02/95 | <2 |
| RA418004 | MW12 | WATER | 09/25/95 | N/A | 10/02/95 | <2 |
| RA418005 | TRIP | WATER | 09/25/95 | N/A | 10/02/95 | <2 |
| VWB11002 | VWB11002 | WATER | N/A | N/A | 10/02/95 | <2 |

[1] Applies to samples designated for purgeable VOA analysis only.



Quality Analytical Laboratories Inc.
5090 Caterpillar Road, Redding, CA 96003-1412
916 244-5227
Fax No. 916 244-4109

Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client : | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 09/25/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA418001 | Date Received: | 09/26/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 10/02/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | JW |
| Sampler: | N/A | | | Date Reported: | 10/09/95 |

Client Sample ID/Description: MW7

| 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 | 8.5 | | 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 | 7.1 | | 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 | | 99 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by:

FORM I

mws.1995-E.HCE1.1

*Quality Analytical Laboratories Inc.* *5090 Caterpillar Road, Redding, CA 96003-1412* *916 244-5227 Fax No. 916 244-4109*

Report of Analytical Data - Purgeable Halocarbons

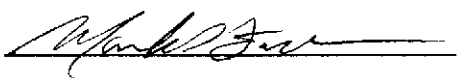
| | | | | | |
|---|---|---|---|---|---|
| Client : | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 09/25/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA418002 | Date Received: | 09/26/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 10/02/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | JW |
| Sampler: | N/A | | | Date Reported: | 10/09/95 |

Client Sample ID/Description: MW9

| 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 | 2.5 | | 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 | 7.2 | | 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 | | 100 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by: 

FORM I

mws.1995-E.HCE1.1

Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client : | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 09/25/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA418003 | Date Received: | 09/26/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 10/02/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | JW |
| Sampler: | N/A | | | Date Reported: | 10/09/95 |

Client Sample ID/Description: MW10

| 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 | 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 | | 101 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by: 

FORM I

mws.1995-E.HCE1.1

*Quality Analytical Laboratories Inc.*
*5090 Caterpillar Road, Redding, CA 96003-1412*
*916 244-5227 Fax No. 916 244-4109*

# Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client : | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 09/25/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA418004 | Date Received: | 09/26/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 10/02/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | JW |
| Sampler: | N/A | | | Date Reported: | 10/09/95 |

Client Sample ID/Description: MW12

| 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 | 20 | | 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 | 9.9 | | 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 | | 104 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by:

FORM I

mws.1995-E.HCE1.1

*Quality Analytical Laboratories Inc.*
*5090 Caterpillar Road, Redding, CA 96003-1412*
*916 244-5227 Fax No. 916 244-4109*

Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client : | CH2M Hill/SFO | Laboratory: | QAL | Date Sampled: | 09/25/95 |
| Project: | Del Monte Plant #35 | Lab Sample ID: | RA418005 | Date Received: | 09/26/95 |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 10/02/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | JW |
| Sampler: | N/A | | | Date Reported: | 10/09/95 |

Client Sample ID/Description: TRIP

| 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 | 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 | | 80 | | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by:

FORM I

mws.1995-E.HCE1.1

Report of Analytical Data - Purgeable Halocarbons

| | | | | | |
|---|---|---|---|---|---|
| Client: | N/A | Laboratory: | QAL | Date Sampled: | N/A |
| Project: | N/A | Lab Sample ID: | VWB11002 | Date Received: | N/A |
| Proj No: | N/A | % Moisture: | N/A | Date Extracted: | N/A |
| Method: | EPA 601(MOD) | Dilution Factor: | 1.0 | Date Analyzed: | 10/02/95 |
| Matrix: | Water | Instrument ID: | VARIAN-3600 | Analyst: | JW |
| Sampler: | N/A | | | Date Reported: | 10/09/95 |

Client Sample ID/Description: VWB11002

| 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 | 1,1,2,2-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 | | 94 | % rec. |

U = Not detected above the reporting limit.
SS = Surrogate Standard reported as percent recovery.

Comments:

Approved by:

FORM I

mws.1995-E.HCE1.1

# CHAIN OF CUSTODY DOCUMENTATION

GC
CS

QUALITY ANALYTICAL LABORATORIES, INC.

# CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

LIMS

| | |
|---|---|
| Project # 117518.GM.01 | Purchase Order # |
| Project Name Del Monte Plant #35 | |
| Company Name Del Monte | |
| Project Manager or Contact & Phone # Madeline Wall (510) 251-2888 | Report Copy to: |
| Requested Completion Date: Two Week Turnaround | Site ID |
| Sample Disposal: Dispose ☐ Return ☐ | |

☐ **LGN**
One Innovation Drive, Suite C
Alachua, FL 32615-9586
(904) 462-3050 FAX (904) 462-1670

☒ **LRD**
5090 Caterpillar Road
Redding, CA 96003-1412
(916) 244-5227 FAX (916) 244-4109

☐ **LMG**
2567 Fairlane Drive
Montgomery, AL 36116-1622
(334) 271-2440 FAX (334) 271-3428

☐ **LKW**
Canviro Analytical Laboratories, Inc.
50 Bathurst, Unit 12
Waterloo, Ontario, Canada N2V 2C5
(519) 747-2575 FAX (519) 747-3806

**THIS AREA FOR LAB USE ONLY**

| | | |
|---|---|---|
| Lab # RA418 | Page | of |
| Client Service | Price Source A P Q S | |
| Acct Code | Test Group | |
| Project Code | Ack. Gen. | |
| LIMS Ver | Login | Mult. |
| COC Review | | |

| Sampling Date | Sampling Time | Type COMP | Type GRAB | Matrix WATER | Matrix SOIL | CLIENT SAMPLE ID (9 CHARACTERS) | QC ID (3 CHAR) | # OF CONTAINERS | ANALYSES REQUESTED: EPA 8010 | SAMPLE REMARKS | LAB 1 ID | LAB 2 ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/25/95 | 1019 | | | ✓ | | MW7 | | 4 | ✓ | | 1 | |
| | 1047 | | | ✓ | | MW9 | | 4 | ✓ | | 2 | |
| | 0938 | | | ✓ | | MW10 | | 4 | ✓ | | 3 | |
| | 1118 | | | ✓ | | MW12 | | 4 | ✓ | | 4 | |
| | 0800 | | | ✓ | | TR1P | | 3 | ✓ | all samples pH<2 | 5 | |

| | | |
|---|---|---|
| Sampled By & Title (Please sign and print name) | | Date/Time 1402 9-25-95 |
| Received By (Please sign and print name) Heather R Oswell | | Date/Time 9/26/95 0915 |
| Received By (Please sign and print name) | | Date/Time |
| Received By (Please sign and print name) | | Date/Time |
| Relinquished By (Please sign and print name) | | Date/Time 9-25-95 1402 |
| Relinquished By (Please sign and print name) | | Date/Time |
| Relinquished By (Please sign and print name) | | Date/Time |

Shipped Via: UPS (Fed-Ex) Other ____ 421250521 Shipping # 432134903 4

HAZWRAP/NESSA: Y (N)
EDATA: Y N
QC LEVEL (1) 2 3 OTHER ____
pH suitable Ice Y
Custody Seal Y Temp 2°C

Batch Remarks:

DISTRIBUTION: Original - LAB Yellow - LAB Pink - Client

# CHROMALAB, INC.

Environmental Services (SDG)

August 11, 1995 *Submission #:* 9508077

DECON ENV. SERVICES, INC.

*Atten:* J.Gulbransen
*Project:* DEL MONTE *Project#:* 35
*Received:* August 4, 1995
*re:* 2 samples for Total Extractable Petroleum Hydrocarbons (TEPH) analysis.
*Method:* EPA 3510/8015M
*Sampled:* August 4, 1995 *Matrix:* WATER *Extracted:* August 8, 1995
*Run:* 7948-D *Analyzed:* August 9, 1995

| Spl # | Sample ID | Kerosene (ug/L) | Diesel (ug/L) | Motor Oil (ug/L) |
|---|---|---|---|---|
| 98246 | SP-A | N.D. | N.D. | 920 |
| 98247 | SP-C | N.D. | N.D. | N.D. |
| | Reporting Limits | 50 | 50 | 500 |
| | Blank Result | N.D. | N.D. | N.D. |
| | Blank Spike Result (%) | -- | 96 | -- |

Dennis Mayugba
Chemist

Ali Kharrazi
Organic Manager

DECON
ENVIRONMENTAL SERVICES INC.

# CHAIN OF CUSTODY REPORT

chromalab

JOB NUMBER AND NAME: Dellmonte #35

TURNAROUND TIME: 5-DAY

REPORT AND BILL TO:
DECON Environmental Services, Inc.
23490 Connecticut Street
Hayward, CA 94545
(510) 732-4444

Attn: J. Gulbransen

SAMPLER: J. Gulbransen

DATE: 8-4-95

ANALYSIS REQUESTED: TEPH

| SAMPLE ID#/ STATION | SAMPLE DESCRIPTION | CONTAINERS NUMBER | CONTAINERS TYPE* | SAMPLING TIME/DATE | TEPH | REMARKS |
|---|---|---|---|---|---|---|
| SP-A | Water (After) | 2 | G | 1315 | X | |
| SP-C | Water (Before) | 2 | G | 1325 | X | |

| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: |
|---|---|---|---|
| J. Gulbransen | 8-4-95 | 1345 | |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: |
| | 8-4-95 | 3:00 | |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED IN LAB BY: |
| | 8-4-95 | 3:00 | |

Laboratory Use Only:

| Were samples: | Yes | No |
|---|---|---|
| preserved/on ice? | | |
| in good condition? | | |
| labeled? | | |

* G = Grab C = Composite W = Wipe

# CHROMALAB, INC.

Environmental Services (SDB)

August 8, 1995

*Submission #:* 9508015

DECON ENV. SERVICES, INC.

Attn: Allen J. Gulbransen

*Project:* DEL MONTE #35
*Received:* August 1, 1995

*Project#:* J 943

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

*Sampled:* August 1, 1995 Matrix: WATER
Run: 7906-3 *Analyzed:* August 4, 1995

| Spl # | Sample ID | Gasoline (ug/L) | Benzene (ug/L) | Toluene (ug/L) | Ethyl Benzene (ug/L) | Total Xylenes (ug/L) |
|---|---|---|---|---|---|---|
| 97697 | SP-A | N.D. | N.D. | N.D. | N.D. | N.D. |
| 97698 | SP-C | N.D. | N.D. | N.D. | N.D. | N.D. |
| | *For above sample:* | *Detection limit: Xylenes=0.6 ug/l* | | | | |
| 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 (%) | | 91 | 100 | 100 | 101 | 101 |

Billy Thach
Chemist

Ali Kharrazi
Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

August 8, 1995 *Submission #:* 9508015

DECON ENV. SERVICES, INC.

*Atten:* Allen J. Gulbransen

*Project:* DEL MONTE #35 *Project#:* J 943
*Received:* August 1, 1995

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

*SampleID:* SP-A
*Sample #:* 97697 *Matrix:* WATER
*Sampled:* August 1, 1995 *Run:* 7947-A *Analyzed:* August 4, 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. | 103 |
| 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. | 106 |
| 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. | -- |

Aaron McMichael
Chemist

Ali Khatrazi
Organic Manager

# CHROMALAB, INC.

Environmental Services (SDB)

August 8, 1995 *Submission #:* 9508015

DECON ENV. SERVICES, INC.

*Atten:* Allen J. Gulbransen

*Project:* DEL MONTE #35 *Project#:* J 943
*Received:* August 1, 1995

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

*SampleID:* SP-C
*Sample #:* 97698 *Matrix:* WATER
*Sampled:* August 1, 1995 *Run:* 7947-A *Analyzed:* August 4, 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 | 2.6 | 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 | 5.0 | 0.5 | N.D. | 103 |
| 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 | 1.6 | 0.5 | N.D. | -- |
| DIBROMOCHLOROMETHANE | N.D. | 0.5 | N.D. | -- |
| CHLOROBENZENE | N.D. | 0.5 | N.D. | 106 |
| 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. | -- |

Aaron McMichael
Chemist

Ali Kharrazi
Organic Manager

DECON
ENVIRONMENTAL SERVICES INC

# CHAIN OF CUSTODY REPORT

Alameda

JOB NUMBER AND NAME: 23 Mercke # 35 J943

REPORT AND BILL TO:
DECON Environmental Services, Inc.
23490 Connecticut Street
Hayward, CA 94545
(510) 732-6444

Attn: J Goldbranson

SAMPLER: J Goldbranson DATE: 8-1-95

ANALYSIS REQUESTED

TURNAROUND TIME: STAT

| SAMPLE ID#/ STATION | SAMPLE DESCRIPTION | CONTAINERS NUMBER | CONTAINERS TYPE* | SAMPLING TIME/DATE | 8010 | TPH Gas / BTEX | REMARKS |
|---|---|---|---|---|---|---|---|
| SP-A | Water (After) | 3 | G | 1210 | X | X | Preserved HCl |
| SP C | Water (Before) | 3 | G | 1210 | X | X | Preserved HCl |

| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: |
|---|---|---|---|
| J. Goldbranson | 8-1-95 | 1500 | |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: |
| RELINQUISHED BY: | DATE: | TIME: | RECEIVED IN LAB BY: |

Laboratory Use Only:
Were samples:

| | Yes | No |
|---|---|---|
| preserved/on ice? | | |
| in good condition? | | |
| labeled? | | |

* G = Grab C = Composite W = Wipe

DECON
ENVIRONMENTAL SERVICES, INC.

# CHAIN OF CUSTODY REPORT

Chromalab

JOB NUMBER AND NAME: Del Monte #35

REPORT AND BILL TO:
DECON Environmental Services, Inc.
23490 Connecticut Street
Hayward, CA 94545
(510) 732-6444

Attn: J. Gulbransen

SAMPLER: J. Gulbransen

DATE: 8-4-95

ANALYSIS REQUESTED

TURNAROUND TIME: 5-DAY

| SAMPLE ID# / STATION | SAMPLE DESCRIPTION | CONTAINERS NUMBER | CONTAINERS TYPE* | SAMPLING TIME/DATE | TEPH | REMARKS |
|---|---|---|---|---|---|---|
| SP-A | Water (After) | 3 | 6 | 1315 | X | |
| SP-C | Water (Before) | 2 | 6 | 1325 | X | |

| RELINQUISHED BY: | DATE: | TIME: | RECEIVED BY: |
|---|---|---|---|
| J. Gulbransen | 8-4-95 | 1345 | |
| | 8-4-95 | 5:00 | |
| | 8-4-95 | 5:00 | |

RECEIVED IN LAB BY:

Laboratory Use Only:
Were samples:

| | Yes | No |
|---|---|---|
| preserved/on ice? | | |
| in good condition? | | |
| labeled? | | |

* G = Grab C = Composite W = Wipe

08-10-1995 08:52AM DECON Environmental 5107828584 P.06

TOTAL P.06

**Attachment B**

# Field Sampling Report

BLAINE
TECH SERVICES INC.

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

August 23, 1995

$CH_2M$ 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:
August 15, 1995

## GROUNDWATER SAMPLING REPORT 950815-T-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 $CH_2M$ Hill Quality Analytical Laboratory in Redding, California. QAL is certified by the California Department of Health Services as a Hazardous Materials Testing Laboratory, and is listed as DOHS HMTL #1364.

## 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 | 8/15/95 | | | 8/15/95 | | | 8/15/95 | | | 8/15/95 | | |
| Well Diameter (in.) | 2 | | | 2 | | | 2 | | | 2 | | |
| Total Well Depth (ft.) | 24.79 | | | 19.97 | | | 17.74 | | | 19.85 | | |
| | BEFORE | AFTER | | BEFORE | AFTER | | BEFORE | AFTER | | BEFORE | AFTER | |
| Depth To Water (ft.) | 7.35 | -- | | 9.51 | 9.60 | | 7.18 | 7.20 | | 6.94 | 7.0 | |
| Free Product (in.) | NONE | | | NONE | | | NONE | | | NONE | | |
| Reason If Not Sampled | -- | | | -- | | | -- | | | -- | | |
| 1 Case Volume (gal.) | 2.8 | | | 1.7 | | | 1.7 | | | 2.1 | | |
| Did Well Dewater? | NO | | | NO | | | NO | | | NO | | |
| Gallons Actually Evacuated | 8.5 | | | 5.5 | | | 5.5 | | | 6.5 | | |
| Purging Device | BAILER | | | BAILER | | | BAILER | | | BAILER | | |
| Sampling Device | BAILER | | | BAILER | | | BAILER | | | BAILER | | |
| Time | 12:40 | 12:45 | 12:50 | 12:00 | 12:03 | 12:06 | 11:25 | 11:28 | 11:31 | 13:35 | 13:40 | 13:45 |
| Temperature (Fahrenheit) | 68.6 | 68.4 | 68.0 | 67.8 | 67.8 | 67.6 | 68.8 | 66.0 | 66.0 | 68.2 | 67.2 | 67.2 |
| pH | 8.0 | 7.7 | 7.7 | 7.8 | 7.7 | 7.8 | 7.1 | 7.6 | 7.5 | 7.6 | 7.8 | 7.7 |
| Conductivity (micromhos/cm) | 620 | 610 | 600 | 670 | 660 | 650 | 700 | 640 | 640 | 730 | 740 | 720 |
| Nephelometric Turbidity Units | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 |
| BTS Chain of Custody | 950815-T-1 | | | 950815-T-1 | | | 950815-T-1 | | | 950815-T-1 | | |
| BTS Sample I.D. | MW-7 | | | MW-9 | | | MW-10 | | | MW-12 | | |
| DOHS HMTL Laboratory | QAL | | | QAL | | | QAL | | | QAL | | |
| Analysis | EPA 8010 | | | EPA 8010 | | | EPA 8010 | | | EPA 8010 | | |

QUALITY ANALYTICAL LABORATORIES, INC.

# CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project # 117518.GM.01 | Purchase Order #

Project Name: DEL Monte Plant #35

Company Name: CH2M Hill

Project Manager or Contact & Phone #: MADELINE WELL (510) 251-2888 2189

Report Copy to:

Requested Completion Date: 2 WEEK TAT | Site ID | Sample Disposal: Dispose ☐ Return ☐

☐ LGN
One Innovation Drive, Suite C
Alachua, FL 32615 9586
(904) 462-3050 FAX (904) 462-1670

☒ LRD
5090 Caterpillar Road
Redding, CA 96003-1412
(916) 244-5227 FAX (916) 244-4109

☐ LMG
2587 Fairlane Drive
Montgomery, AL 36116-1622
(205) 271-2440 FAX (205) 271-3428

☐ LKW
Canviro Analytical Laboratories, Inc.
50 Bathurst, Unit 12
Waterloo, Ontario, Canada N2V 2C5
(519) 747-2575 FAX (519) 747-3806

THIS AREA FOR LAB USE ONLY

Lab # RA053 | Page | of

Client Service | Price Source A P Q S

Acct Code | Test Group

Project Code | Ack. Gen.

LIMS Ver | Login | Mult.

COC Review

| Sampling Date | Sampling Time | Type COMP | Type GRAB | Matrix WATER | Matrix SOIL | CLIENT SAMPLE ID (9 CHARACTERS) | QC ID (3 CHAR) | # OF CONTAINERS | 8010 | SAMPLE REMARKS | LAB 1 ID | LAB 2 ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8/15 | 12:55 | | | X | | MW7 | | 4 | X | | 1 | |
| 8/15 | 12:10 | | | X | | MW9 | | 4 | X | | 2 | |
| 8/15 | 11:40 | | | X | | MW10 | | 4 | X | | 3 | |
| 8/15 | 13:50 | | | X | | MW12 | | 4 | X | | 4 | |
| 8/15 | — | | | X | | TB | | 3 | X | | 5 | |

all samples OH <2

Sampled By & Title: Mike Toll (Please sign and print name) | Date/Time: 8/16/95 1445

Received By: Heather Carroll (Please sign and print name) | Date/Time: 08/17/95 0910

Received By (Please sign and print name) | Date/Time

Relinquished By: Kent Brown for Mike Toll (Please sign and print name) | Date/Time: 8/16/95 1445

Relinquished By (Please sign and print name) | Date/Time

Relinquished By (Please sign and print name) | Date/Time

Shipped Via: UPS (Fed-Ex) Other | Shipping # 432134901 2

HAZWRAP/NESSA: Y (N)

EDATA: Y (N)

QC LEVEL (1) 2 3 OTHER

pH see above | Ice Y None

Custody Seal N | Temp 4°C

Batch Remarks:

Instructions and Agreement Provisions on Reverse Side

DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client
LAB FORM 340

BLAINE
TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 9513
(408) 995-553
FAX (408) 293-877

October 9, 1995

$CH_2M$ 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:
September 25, 1995

## GROUNDWATER SAMPLING REPORT 950925-V-2

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

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Samples were collected using bailers.

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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.

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### Effluent Materials

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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.

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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).

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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 | 9/25/95 | | | 9/25/95 | | | 9/25/95 | | | 9/25/95 | | |
| Well Diameter (in.) | 2 | | | 2 | | | 2 | | | 2 | | |
| Total Well Depth (ft.) | 24.75 | | | 20.00 | | | 17.72 | | | 19.85 | | |
| | BEFORE | AFTER | | BEFORE | AFTER | | BEFORE | AFTER | | BEFORE | AFTER | |
| Depth To Water (ft.) | 7.27 | 7.64 | | 9.40 | 9.60 | | 7.08 | 7.05 | | 6.82 | 6.85 | |
| Free Product (in.) | NONE | | | NONE | | | NONE | | | NONE | | |
| Reason If Not Sampled | -- | | | -- | | | -- | | | -- | | |
| 1 Case Volume (gal.) | 2.79 | | | 1.69 | | | 1.7 | | | 2.08 | | |
| Did Well Dewater? | NO | | | NO | | | NO | | | NO | | |
| Gallons Actually Evacuated | 9.0 | | | 5.5 | | | 6.0 | | | 6.5 | | |
| Purging Device | BAILER | | | BAILER | | | BAILER | | | BAILER | | |
| Sampling Device | BAILER | | | BAILER | | | BAILER | | | BAILER | | |
| Time | 10:02 | 10:06 | 10:09 | 10:32 | 10:34 | 10:37 | 09:22 | 09:25 | 09:28 | 11:02 | 11:05 | 11:08 |
| Temperature (Fahrenheit) | 69.8 | 69.6 | 69.6 | 69.6 | 69.8 | 69.8 | 67.2 | 66.6 | 66.6 | 68.8 | 68.4 | 68.4 |
| pH | 7.2 | 7.2 | 7.2 | 7.0 | 7.0 | 7.0 | 7.8 | 7.6 | 7.6 | 7.0 | 7.0 | 7.0 |
| Conductivity (micromhos/cm) | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| Nephelometric Turbidity Units | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 | >200 |
| BTS Chain of Custody | 950925-V-2 | | | 950925-V-2 | | | 950925-V-2 | | | 950925-V-2 | | |
| BTS Sample I.D. | MW-7 | | | MW-9 | | | MW-10 | | | MW-12 | | |
| DOHS HMTL Laboratory | QAL | | | QAL | | | QAL | | | QAL | | |
| Analysis | EPA 8010 | | | EPA 8010 | | | EPA 8010 | | | EPA 8010 | | |

QUALITY ANALYTICAL LABORATORIES, INC.

# CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project # 11518.GM.01 | Purchase Order #

Project Name: Del Monte Plant #35

Company Name: Del Monte

Project Manager or Contact & Phone #: Madeline Wall (510) 251-2888

Report Copy to:

Requested Completion Date: Two Week Turnaround

Site ID

Sample Disposal: Dispose ☐ Return ☐

☐ LGN
One Innovation Drive, Suite C
Alachua, FL 32615-9586
(904) 462-3050 FAX (904) 462-1670

☐ LRD
5090 Caterpillar Road
Redding, CA 96003-1412
(916) 244-5227 FAX (916) 244-4109

☐ LMG
2567 Fairlane Drive
Montgomery, AL 36116-1622
(334) 271-2440 FAX (334) 271-3428

☐ LKW
Canviro Analytical Laboratories, Inc.
50 Bathurst, Unit 12
Waterloo, Ontario, Canada N2V 2C5
(519) 747-2575 FAX (519) 747-3806

THIS AREA FOR LAB USE ONLY

| Lab # | Page | of |
|---|---|---|
| Client Service | Price Source A P Q S | |
| Acct Code | Test Group | |
| Project Code | Ack. Gen. | |
| LIMS Ver | Login | Mult. |
| COC Review | | |

| Sampling Date | Sampling Time | Type COMP | Type GRAB | Matrix WATER | Matrix SOIL | CLIENT SAMPLE ID (9 CHARACTERS) | QC ID (3 CHAR) | # OF CONTAINERS | ANALYSES REQUESTED: EPA 8010 | SAMPLE REMARKS | LAB 1 ID | LAB 2 ID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9/25/95 | 1019 | | | ✓ | | MW7 | | 4 | ✓ | | | |
| | 1047 | | | ✓ | | MW9 | | 4 | ✓ | | | |
| | 0938 | | | ✓ | | MW10 | | 4 | ✓ | | | |
| | 1118 | | | ✓ | | MW12 | | 4 | ✓ | | | |
| | 0800 | | | ✓ | | TR1P | | 3 | ✓ | | | |

Sampled By & Title (Please sign and print name) — Date/Time: 1402 9-25-95

Received By (Please sign and print name) — Date/Time

Relinquished By (Please sign and print name) — Date/Time: 9-25-95 1402

Relinquished By (Please sign and print name) — Date/Time

Received By (Please sign and print name) — Date/Time

Relinquished By (Please sign and print name) — Date/Time

Received By (Please sign and print name) — Date/Time

Shipped Via: UPS (Fed-Ex) Other _____ Shipping # 432134903 4

421250 1521

HAZWRAP/NESSA: Y N

EDATA: Y N

QC LEVEL 1 2 3 OTHER _____

pH | Ice

Custody Seal | Temp

Batch Remarks:

*Instructions and Agreement Provisions on Reverse Side*

*DISTRIBUTION: Original - LAB, Yellow - LAB, Pink - Client*
REV 5/95 LAB FORM 340

**Attachment C**

# GET System Inspection Logs