



CH2MHILL

ENVIRONMENTAL
PROTECTION

97 FEB 32 AM 9:26

CH2M HILL
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Tel 510.251.2426
Fax 510.893.8205

February 28, 1997

139769.01.01

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

Dear Ms. Jenne:

Subject: Quarterly Monitoring Report, Groundwater Extraction and Treatment System
Del Monte Plant 35, Emeryville California
Wastewater Discharge Permit No. 502-65112

Enclosed is the quarterly monitoring report for the above-referenced site covering the period of November 1, 1996 through January 31, 1997. Please contact me at (510) 251-2888 ext 2189 if you have any questions about the report.

Sincerely,

CH2M HILL

Madeline Wall/SFO
Project Manager

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

EMERGENCY REPORT
QUARTERLY REPORT
PROTECTION
97 FEB 32 AM 9:26

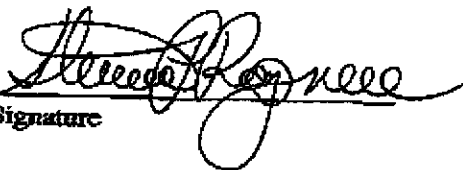
Quarterly Groundwater Extraction and Treatment System Status Report

Prepared for
Del Monte Plant 35
4204 Hollis Street
Emeryville, California

FEBRUARY 28, 1997

CH2M HILL

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


Signature

DIRECTOR / PROPERTY MGMT.
Title

2-25-97
Date

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Attachment A. Analytical Laboratory Reports, GET System Monitoring
Attachment B. GET System Inspection Logs

Figures

- 1 Del Monte Plant 35, West and East Parcels
- 2 Historical Groundwater Surface Elevation Map
- 3 Extraction Sump Schematic
- 4 GET System Flow Diagram

1.0 Introduction

This report presents the status of the groundwater extraction and treatment (GET) system located at Del Monte Plant 35 at 4204 Hollis Street in Emeryville, California. The reporting period is November 1, 1996 through January 31, 1997. Treatment system samples were collected on November 21, 1996.

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.

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

3.0 Groundwater Monitoring

Groundwater monitoring data and analysis will no longer be addressed in the quarterly GET system status report. Groundwater monitoring will now be done annually instead of quarterly.

4.0 Groundwater Extraction and Treatment System

4.1 GET System Description

In 1995, a groundwater extraction system was constructed on the East Parcel and the West Parcel treatment unit was modified to treat water pumped from the East Parcel. The new GET system is described below.

In June and July 1995, remedial activities conducted on the East Parcel involved the removal of soil containing petroleum and chlorinated hydrocarbons and an underground tank. A drain and sump system for groundwater extraction was constructed in the pit left after the removal activities. An area at the western end of the pit was selected for the location of the extraction sump system. Several bucket scoops of soil were removed to lower this area to the desired depth of 20 feet, making the location the deepest portion of pit. A 12-inch diameter pipe was lowered into the pit area (about 3 feet x 3 feet in area).

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

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

4.2 Wastewater Discharge Permit Requirements

Treatment system samples were collected and analyzed as required by the recently extended Wastewater Discharge Permit issued to Del Monte on November 1, 1996 by EBMUD. Sample port (SP) A (the effluent of activated carbon canister no. 2) is the only sample location required under the extended Wastewater Discharge Permit. At EBMUD's request, all future self-monitoring reports will refer to SP-A as side sewer no. 1 (SS#1). The extended Wastewater Discharge Permit includes the following self-monitoring reporting requirements:

- Sampling from sample port A (SS#1) once during each reporting quarter
- Analyze samples for total identifiable chlorinated hydrocarbons and benzene, toluene, ethylbenzene, and total xylenes

The wastewater discharge limitations are shown in the following table.

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

4.3 GET System Results

From November 1, 1996 to January 31, 1997, 617,716 gallons of groundwater from the East Parcel were extracted, treated, and discharged. Beginning, ending, and monthly flow totalizer measurements for this period are summarized in the following table:

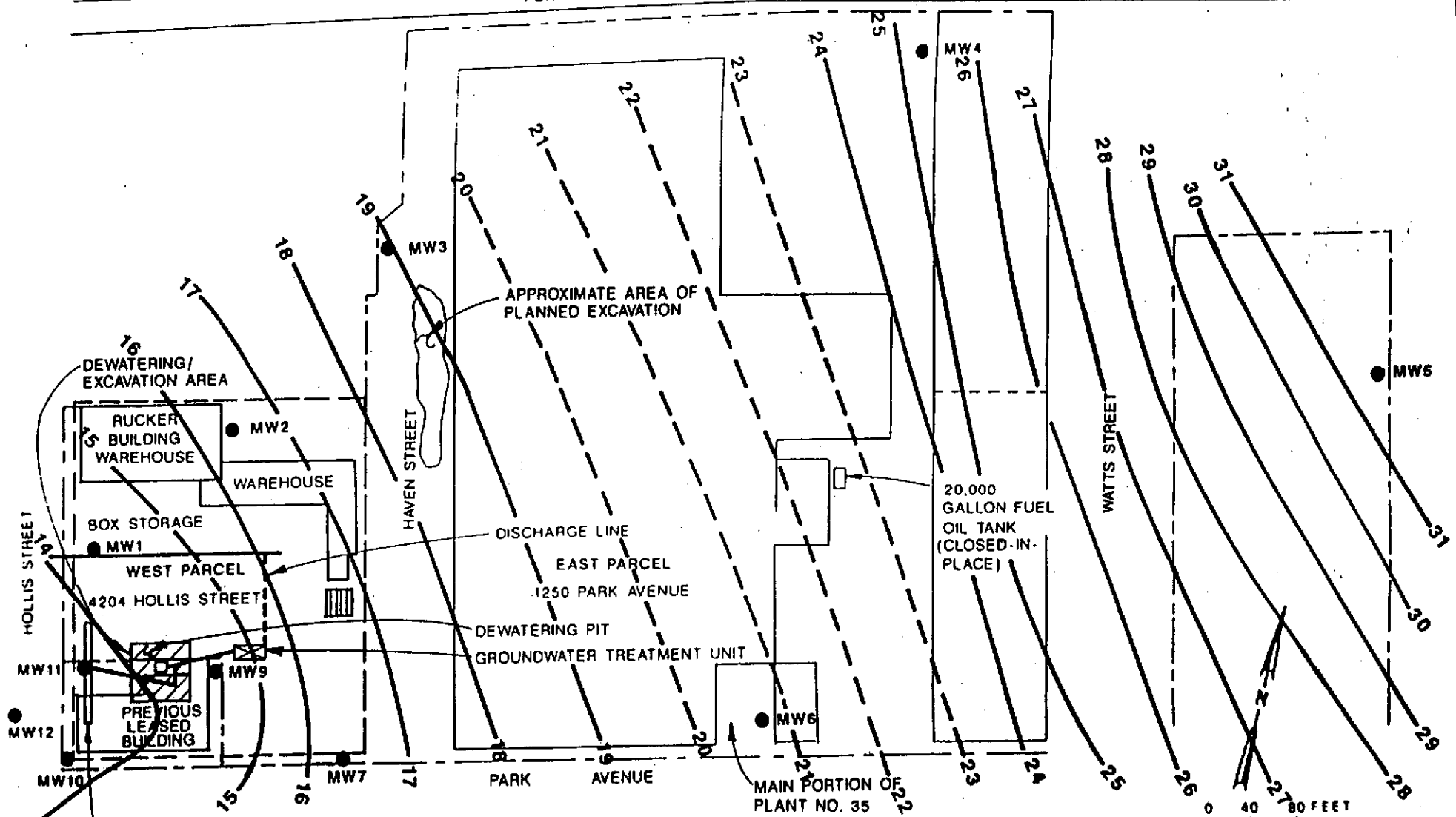
Month	Discharge Period	Gallons Discharged
November	11/1 to 11/27	235,775
December	11/27 to 12/17	131,430
January	12/17 to 1/31	250,511
Beginning Flow Measurement	11/1/96	7,057,768
Ending Flow Measurement	1/31/97	7,675,484
Total gallons discharged		617,716

During this quarterly monitoring event, no BTEX or chlorinated hydrocarbon compounds were detected in the sample collected on November 21, 1996 from SP-A (SS#1) (see Figure 4 for location).

Figures

FORTY-FIFTH

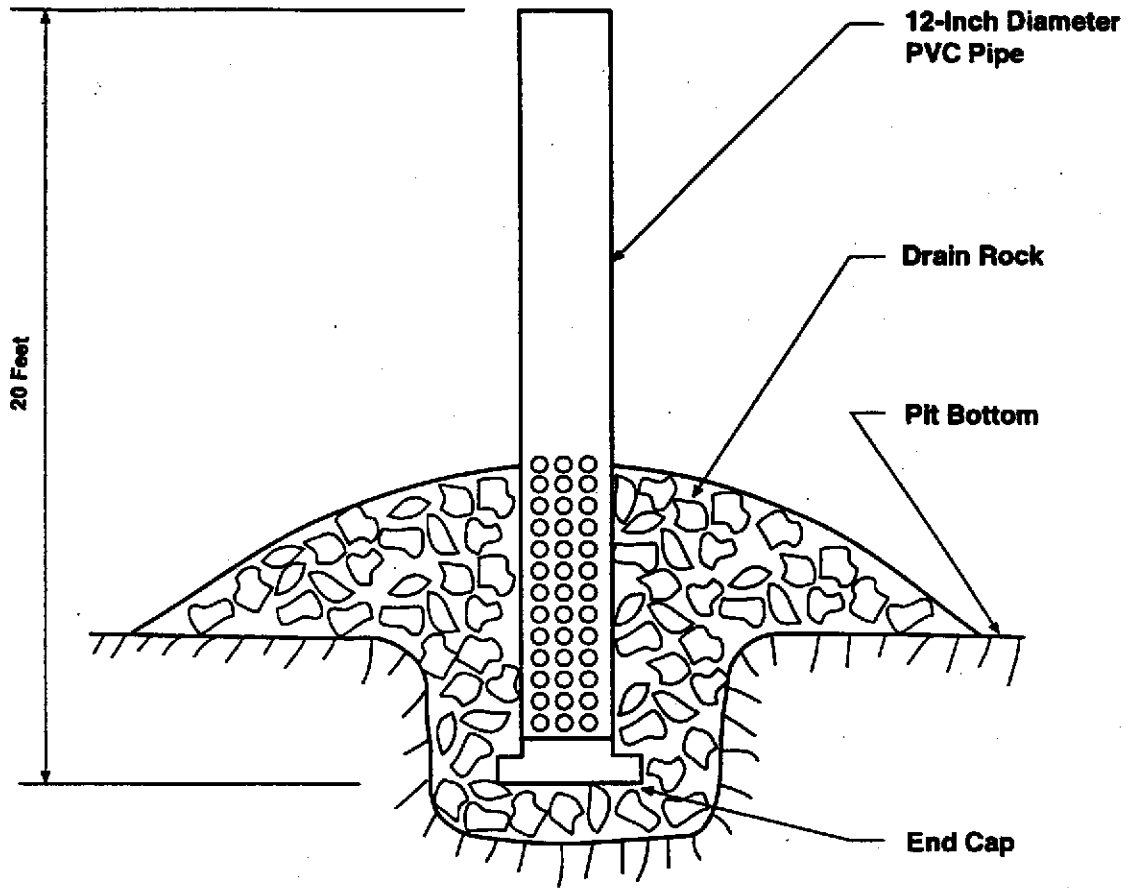
STREET



- LEGEND**
- Monitoring Well
 - ▨ Dewatering/Excavation Area
 - ⊠ Groundwater Treatment Unit
 - - - Groundwater Discharge Line
 - ⊙ Manhole
 - Sanitary Sewer Line

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

CH2M HILL



Not To Scale

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

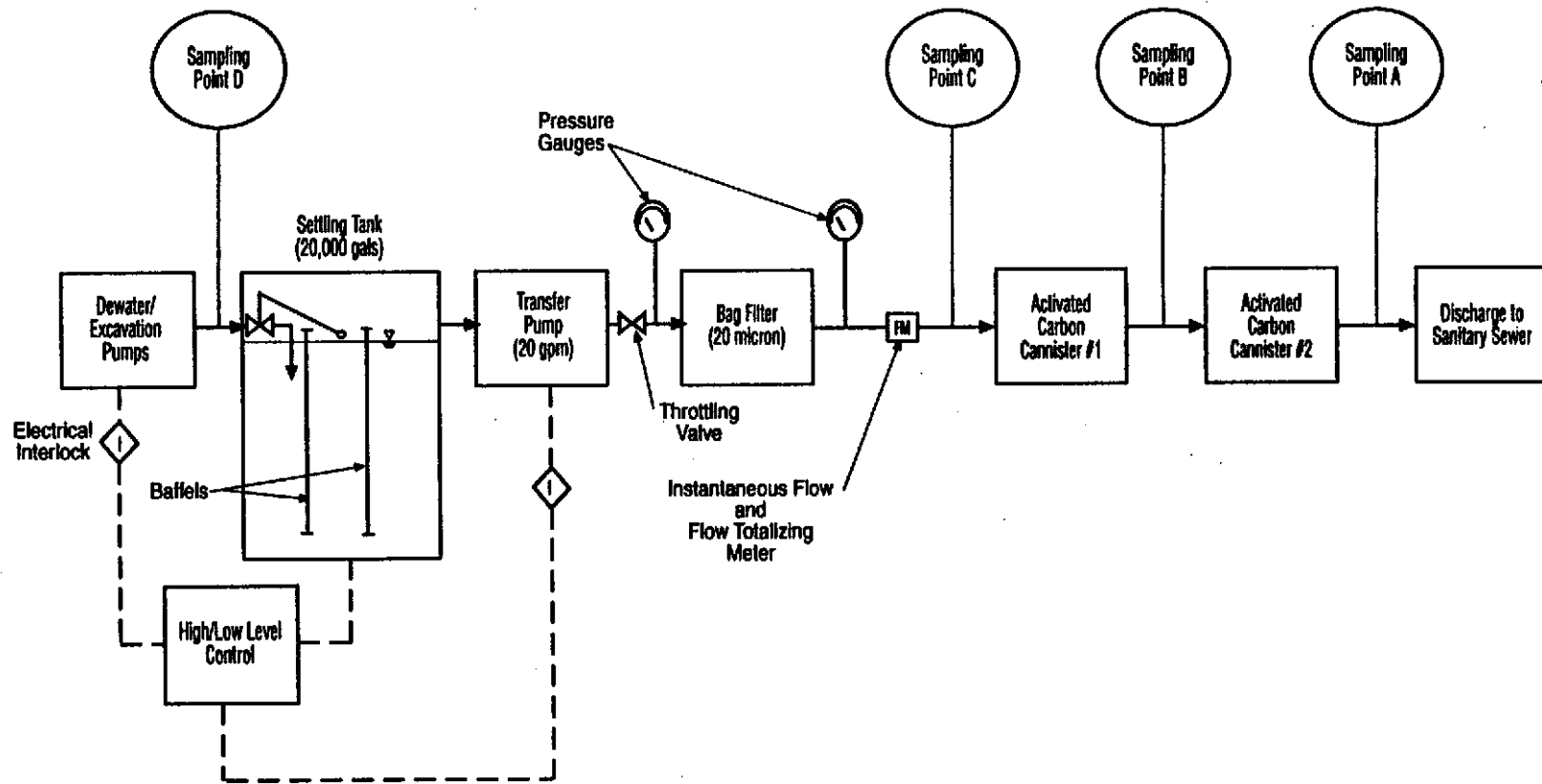


Figure 4
 GET System Flow Diagram
 Del Monte Plant 35
 Emeryville, California

**Attachment A
Analytical Laboratory Reports,
GET System Monitoring**



CH2MHILL

CH2M HILL
Analytical Services
5090 Caterpillar Road
Redding, CA
96003-1412
Tel 916.244.5227
Fax 916.244.4109

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

Analytical Report
Del Monte Plant #35
RC544

December 24, 1996

Submitted by:

Bryan Jones
Project Manager/Client Services

Enclosures

xc: Mr. Jason Gulbranson

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CH2M Hill Lab Reference No.: RC544
Level 1

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Organic Data Qualifiers

- A -- This qualifier indicates that a TIC is a suspected aldol-condensation product.
- 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.
- C-- The "C" flag indicates the presence of this compound has been confirmed by the GC/MS analysis.
- D-- This qualifier is used for all compounds identified in an analysis at a secondary dilution factor. "D" qualifiers are used only for the samples reported at more than one dilution factor.
- E-- This flag indicates that the value reported exceeds the linear calibration range for that compound. Therefore, the sample should be reanalyzed at the appropriate dilution. The "E" qualified amount is an estimated concentration, and the results of the dilution will be reported on a separate Form I.
- I-- This qualifier indicates that the reporting limit adjacent to the "I" qualifier has been raised. It is used when chromatographic interference prohibits detection of a compound at a level below the concentration expressed on the Form I.
- J-- Indicates an estimated value. It is used when the data indicates the presence of a target compound below the reporting limit or the presence of a Tentatively Identified Compound (TIC)
- 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.
- P-- This qualifier is used for pesticide/Aroclor target analytes when there is a greater than 25% difference for detected concentrations between the two columns. The lower of the two values is reported on Form I and flagged with a "P".
- 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.

Organic Sample ID Qualifiers

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

- DL --** Diluted reanalysis . Indicates that the results were determined in an analysis of a secondary dilution of a sample or extract. The "DL" suffix may be followed by a digit to indicate multiple dilutions of the sample or extract. The results of more than one diluted reanalyses may be reported.
- 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).
- R--** Reanalysis. The extract was reanalyzed 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 reanalyzed. May be followed by a digit to indicate multiple re-extracted analyses of the same sample at the same dilution.

GC PURGEABLE HALOCARBONS/AROMATICS

CASE NARRATIVE
GC PURGEABLE HALOCARBONS/AROMATICS

CH2M Hill Lab Reference No./SDG.: RC544

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: SW-846 5030A
Cleanup: N/A
Analysis: SW-846 8010B/8020A (MOD)

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: *Douglas Burnett* (*to Doug Burnett*) DATE: 12/14/95
Douglas Burnett
Resource Chemist, Organics

0002

Report of Analytical Results

Client Sample ID: SP-A
 Sample Description: None
 Sample Matrix: Water
 Dilution: 1.00

Date Collected: 11/21/96 13:40 (Thu) Reference No: RC544
 Date Received: 11/22/96 10:45 (Fri) Lab Sample ID: RC544001
 Date Extracted: None Site: N/A
 Date Analyzed: 11/26/96 00:00 (Tue)

Analytical Parameter	CAS or Storet Number	Result	Units	Reporting Level
GC VOLATILES				
Chloromethane	74-87-3	1.0 U	ug/L	1.0
Bromomethane	74-83-9	1.0 U	ug/L	1.0
Dichlorodifluoromethane	75-71-8	1.0 U	ug/L	1.0
Vinyl chloride	75-01-4	1.0 U	ug/L	1.0
Chloroethane	75-00-3	1.0 U	ug/L	1.0
Dichloromethane (Methylene chloride)	75-09-2	5.0 U	ug/L	5.0
Trichlorofluoromethane	75-69-4	1.0 U	ug/L	1.0
1,1-Dichloroethene	75-35-4	1.0 U	ug/L	1.0
1,1-Dichloroethane	75-34-3	1.0 U	ug/L	1.0
trans-1,2-Dichloroethene	156-60-5	1.0 U	ug/L	1.0
Chloroform	67-66-3	1.0 U	ug/L	1.0
1,2-Dichloroethane	107-06-2	1.0 U	ug/L	1.0
1,1,1-Trichloroethane	71-55-6	1.0 U	ug/L	1.0
Carbon tetrachloride	56-23-5	1.0 U	ug/L	1.0
Bromodichloromethane	75-27-4	1.0 U	ug/L	1.0
1,2-Dichloropropane	78-87-5	1.0 U	ug/L	1.0
cis-1,3-Dichloropropene	10061-01-5	1.0 U	ug/L	1.0
Trichloroethene	79-01-6	1.0 U	ug/L	1.0
Dibromochloromethane	124-48-1	1.0 U	ug/L	1.0
1,1,2-Trichloroethane	79-00-5	1.0 U	ug/L	1.0
trans-1,3-Dichloropropene	10061-02-6	1.0 U	ug/L	1.0
Bromoform	75-25-2	1.0 U	ug/L	1.0
1,1,2,2-Tetrachloroethane	79-34-5	1.0 U	ug/L	1.0
Tetrachloroethene	127-18-4	1.0 U	ug/L	1.0
Chlorobenzene	108-90-7	1.0 U	ug/L	1.0
1,3-Dichlorobenzene	541-73-1	1.0 U	ug/L	1.0
1,2-Dichlorobenzene	95-50-1	1.0 U	ug/L	1.0
1,4-Dichlorobenzene	106-46-7	1.0 U	ug/L	1.0
tert-Butyl methyl ether	1634-04-4	1.0 U	ug/L	1.0
Benzene	71-43-2	1.0 U	ug/L	1.0
Toluene	108-88-3	1.0 U	ug/L	1.0
Ethylbenzene	100-41-4	1.0 U	ug/L	1.0
Xylenes (Total)	1330-20-7	1.0 U	ug/L	1.0
1,4-Dichlorobutane - SS	110-56-5	95	%rec	
Fluorobenzene - SS	462-06-6	100	%rec	

(7184)

Report of Analytical Results

Client Sample ID: TB
 Sample Description: None
 Sample Matrix: Water
 Dilution: 1.00

Date Collected: 11/21/96 00:00 (Thu) Reference No: RC544
 Date Received: 11/22/96 10:45 (Fri) Lab Sample ID: RC544002
 Date Extracted: None Site: N/A
 Date Analyzed: 11/26/96 00:00 (Tue)

Analytical Parameter	CAS or Storet Number	Result	Units	Reporting Level
GC VOLATILES				
Chloromethane	74-87-3	1.0 U	ug/L	1.0
Bromomethane	74-83-9	1.0 U	ug/L	1.0
Dichlorodifluoromethane	75-71-8	1.0 U	ug/L	1.0
Vinyl chloride	75-01-4	1.0 U	ug/L	1.0
Chloroethane	75-00-3	1.0 U	ug/L	1.0
Dichloromethane (Methylene chloride)	75-09-2	5.0 U	ug/L	5.0
Trichlorofluoromethane	75-69-4	1.0 U	ug/L	1.0
1,1-Dichloroethene	75-35-4	1.0 U	ug/L	1.0
1,1-Dichloroethane	75-34-3	1.0 U	ug/L	1.0
trans-1,2-Dichloroethene	156-60-5	1.0 U	ug/L	1.0
Chloroform	67-66-3	1.0 U	ug/L	1.0
1,2-Dichloroethane	107-06-2	1.0 U	ug/L	1.0
1,1,1-Trichloroethane	71-55-6	1.0 U	ug/L	1.0
Carbon tetrachloride	56-23-5	1.0 U	ug/L	1.0
Bromodichloromethane	75-27-4	1.0 U	ug/L	1.0
1,2-Dichloropropane	78-87-5	1.0 U	ug/L	1.0
cis-1,3-Dichloropropene	10061-01-5	1.0 U	ug/L	1.0
Trichloroethene	79-01-6	1.0 U	ug/L	1.0
Dibromochloromethane	124-48-1	1.0 U	ug/L	1.0
1,1,2-Trichloroethane	79-00-5	1.0 U	ug/L	1.0
trans-1,3-Dichloropropene	10061-02-6	1.0 U	ug/L	1.0
Bromoform	75-25-2	1.0 U	ug/L	1.0
1,1,2,2-Tetrachloroethane	79-34-5	1.0 U	ug/L	1.0
Tetrachloroethene	127-18-4	1.0 U	ug/L	1.0
Chlorobenzene	108-90-7	1.0 U	ug/L	1.0
1,3-Dichlorobenzene	541-73-1	1.0 U	ug/L	1.0
1,2-Dichlorobenzene	95-50-1	1.0 U	ug/L	1.0
1,4-Dichlorobenzene	106-46-7	1.0 U	ug/L	1.0
tert-Butyl methyl ether	1634-04-4	1.0 U	ug/L	1.0
Benzene	71-43-2	1.0 U	ug/L	1.0
Toluene	108-88-3	1.0 U	ug/L	1.0
Ethylbenzene	100-41-4	1.0 U	ug/L	1.0
Xylenes (Total)	1330-20-7	1.0 U	ug/L	1.0
1,4-Dichlorobutane - SS	110-56-5	100	%rec	
Fluorobenzene - SS	462-06-6	100	%rec	

(7184)

Report of Analytical Results

Client Sample ID: VWB11126
 Sample Description: None
 Sample Matrix: Water
 Dilution: 1.00

Date Collected: None
 Date Received: None
 Date Extracted: None
 Date Analyzed: 11/26/96 00:00 (Tue)

Reference No: LABQC
 Lab Sample ID: VWB11126
 Site: N/A

Analytical Parameter	CAS or Storet Number	Result	Units	Reporting Level
GC VOLATILES				
Chloromethane	74-87-3	1.0 U	ug/L	1.0
Bromomethane	74-83-9	1.0 U	ug/L	1.0
Dichlorodifluoromethane	75-71-8	1.0 U	ug/L	1.0
Vinyl chloride	75-01-4	1.0 U	ug/L	1.0
Chloroethane	75-00-3	1.0 U	ug/L	1.0
Dichloromethane (Methylene chloride)	75-09-2	5.0 U	ug/L	5.0
Trichlorofluoromethane	75-69-4	1.0 U	ug/L	1.0
1,1-Dichloroethene	75-35-4	1.0 U	ug/L	1.0
1,1-Dichloroethane	75-34-3	1.0 U	ug/L	1.0
trans-1,2-Dichloroethene	156-60-5	1.0 U	ug/L	1.0
Chloroform	67-66-3	1.0 U	ug/L	1.0
1,2-Dichloroethane	107-06-2	1.0 U	ug/L	1.0
1,1,1-Trichloroethane	71-55-6	1.0 U	ug/L	1.0
Carbon tetrachloride	56-23-5	1.0 U	ug/L	1.0
Bromodichloromethane	75-27-4	1.0 U	ug/L	1.0
1,2-Dichloropropane	78-87-5	1.0 U	ug/L	1.0
cis-1,3-Dichloropropene	10061-01-5	1.0 U	ug/L	1.0
Trichloroethene	79-01-6	1.0 U	ug/L	1.0
Dibromochloromethane	124-48-1	1.0 U	ug/L	1.0
1,1,2-Trichloroethane	79-00-5	1.0 U	ug/L	1.0
trans-1,3-Dichloropropene	10061-02-6	1.0 U	ug/L	1.0
Bromoform	75-25-2	1.0 U	ug/L	1.0
1,1,2,2-Tetrachloroethane	79-34-5	1.0 U	ug/L	1.0
Tetrachloroethene	127-18-4	1.0 U	ug/L	1.0
Chlorobenzene	108-90-7	1.0 U	ug/L	1.0
1,3-Dichlorobenzene	541-73-1	1.0 U	ug/L	1.0
1,2-Dichlorobenzene	95-50-1	1.0 U	ug/L	1.0
1,4-Dichlorobenzene	106-46-7	1.0 U	ug/L	1.0
tert-Butyl methyl ether	1634-04-4	1.0 U	ug/L	1.0
Benzene	71-43-2	1.0 U	ug/L	1.0
Toluene	108-88-3	1.0 U	ug/L	1.0
Ethylbenzene	100-41-4	1.0 U	ug/L	1.0
Xylenes (Total)	1330-20-7	1.0 U	ug/L	1.0
1,4-Dichlorobutane - SS	110-56-5	100	%rec	
Fluorobenzene - SS	462-06-6	102	%rec	

(7184)



CHAIN OF CUSTODY DOCUMENTATION

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

Project # **1774**
 Project Name **DELMONTE #35**
 Company Name **DECON ENVIRONMENTAL SERVICES, INC**

Purchase Order # **1774**

LGN
 One Innovation Drive, Suite C
 Alachua, FL 32615-9588
 (904) 462-3050 FAX (904) 462-1670

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

LRD
 5070 Caterpillar Road
 Redding, CA 96003-1412
 (916) 244-5227 FAX (916) 244-4109

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 # RC544	Page 1	of 1
Client Service	Price Source A P Q S	
Acct Code	Test Group	
Project Code	Ack. Gen.	
LIMS Ver	LogIn	Mult.
COC Review		
SAMPLE REMARKS TRIP BLANK	LAB 1 ID 1	LAB 2 ID 2
HAZWRAP/NESSA: Y N		
EDATA: Y N		
QC LEVEL 1 2 3 OTHER _____		
pH O.K.	Ice Y	
Custody Seal Y	Temp 2°C	

Project Manager or Contact & Phone # **J. Gullbransen (610) 922-6444**
 Report Copy to: **M. Wall (CH2M Hill)**
 Requested Completion Date: **ZWKS** Site ID: **DELMONTE #35**

#	OF CONTAINERS	ANALYSES REQUESTED									
		1	2	3	4	5	6	7	8	9	10
4	3	X	X	X	X	X	X	X	X	X	X
8010 Chlorinated Hydrocarbons 8011 BTEX 8020											

Date	Time	Type			Matrix	CLIENT SAMPLE ID (9 CHARACTERS)	QC ID (3 CHAR)
		COM	GRA	WATER			
11-21	1340	X	X	X	SP-A		
		X	X	X	T.B		

Sampled By & Title: **J. Gullbransen**
 Received By: **James Darrell Lance** 11-22-96 1045
 Date/Time: 11-21-96 1530

Relinquished By: **J. Gullbransen**
 Date/Time: 11-21-96 1530
 Shipping # **N100 894 905 2**

Match Remarks: _____
 Shipped Via **UPS** Fed-Ex Other _____

Instructions and Agreement Provisions on Reverse Side

0007

Attachment B
GET System Inspection Logs

Del Monte Plant #35

Date: 11-21-96

DATA LOG & FIELD NOTES

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

Well Depths:

Extraction Wells -

PW-1	_____	ft.	_____	time
PW-2	_____	ft.	_____	time
PW-3	_____	ft.	_____	time

Monitoring Wells -

P-1	_____	ft.	_____	time
P-2	_____	ft.	_____	time
P-3	_____	ft.	_____	time
MW-7	_____	ft.	_____	time
MW-9	_____	ft.	_____	time
MW-10	_____	ft.	_____	time
MW-12	_____	ft.	_____	time

Total GET Effluent 7236794 gal. _____ time

Time req'd: _____

GET System:

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

Before bag filter: 23 psi.

After bag filter: 20.5 psi.

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

Were all valves opened after replacing the filter bag?

Yes ✓ No _____

Were pumps turned ON after replacing the filter bag?

Yes ✓ No _____



Del Monte Plant #35

Date: _____

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

If wet spots are noted, briefly describe location. SMALL Leak IN CANISTER OF BAG FILTER

Was sampling performed? Yes No

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

A _____ B _____ C _____ D _____

Time req'd: _____

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

BAG FILTER was Removed, Cleaned, Replaced. Leak was checked
Float switches were cleaned, Surge tank was cleaned

Misc. Field Notes: _____

Name (printed): _____ Signature: _____
Start Time: 07:30 Finish Time: 15:30



Del Monte Plant #35

Date: 11-27-96

DATA LOG & FIELD NOTES

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

Well Depths:

Extraction Wells -

PW-1	_____	ft.	_____	time
PW-2	_____	ft.	_____	time
PW-3	_____	ft.	_____	time

Monitoring Wells -

P-1	_____	ft.	_____	time
P-2	_____	ft.	_____	time
P-3	_____	ft.	_____	time
MW-7	_____	ft.	_____	time
MW-9	_____	ft.	_____	time
MW-10	_____	ft.	_____	time
MW-12	_____	ft.	_____	time

Total GET Effluent 07293543 gal. _____ time

Time req'd: _____

GET System:

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

Before bag filter: _____ psi.

After bag filter: _____ psi.

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

Were all valves opened after replacing the filter bag?

Yes _____ No _____ N/A

Were pumps turned ON after replacing the filter bag?

Yes _____ No _____ N/A



Del Monte Plant #35

Date: 11-27-96

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

If wet spots are noted, briefly describe location. Small leak at Bag Filter

Was sampling performed? Yes No

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

A _____ B _____ C _____ D _____

Time req'd: _____

Was any maintenance performed on any of the equipment? If so, please describe in detail work performed and time required. System off when arrival at site turned on checked out everything OK

Misc. Field Notes: _____

Name (printed): _____ Signature: _____
Start Time: _____ Finish Time: _____



Del Monte Plant #35

Date: 12-3-96

DATA LOG & FIELD NOTES

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

Well Depths:

Extraction Wells -

PW-1	_____	ft.	_____	time
PW-2	_____	ft.	_____	time
PW-3	_____	ft.	_____	time

Monitoring Wells -

P-1	_____	ft.	_____	time
P-2	_____	ft.	_____	time
P-3	_____	ft.	_____	time
MW-7	_____	ft.	_____	time
MW-9	_____	ft.	_____	time
MW-10	_____	ft.	_____	time
MW-12	_____	ft.	_____	time

Total GET Effluent _____ gal. _____ time

Time req'd: 7303429

GET System:

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

Before bag filter: _____ psi.

After bag filter: _____ psi.

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

Were all valves opened after replacing the filter bag?

Yes _____ No _____ N/A

Were pumps turned ON after replacing the filter bag?

Yes _____ No _____ N/A



Del Monte Plant #35

Date: _____

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

If wet spots are noted, briefly describe location. Small leak at Bag Filter

Was sampling performed? Yes No

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

A _____ B _____ C _____ D _____

Time req'd: _____

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

Misc. Field Notes: Leak at Filter very small no standing water on ground

Name (printed): _____ Signature: _____
Start Time: _____ Finish Time: _____



Del Monte Plant #35

Date: 12-10-96

DATA LOG & FIELD NOTES

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

Well Depths:

Extraction Wells -

PW-1	_____	ft.	_____	time
PW-2	_____	ft.	_____	time
PW-3	_____	ft.	_____	time

Monitoring Wells -

P-1	_____	ft.	_____	time
P-2	_____	ft.	_____	time
P-3	_____	ft.	_____	time
MW-7	_____	ft.	_____	time
MW-9	_____	ft.	_____	time
MW-10	_____	ft.	_____	time
MW-12	_____	ft.	_____	time

Total GET Effluent 1321632 gal. _____ time
Time req'd: _____

GET System:

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

Before bag filter: 22.5 psi.
After bag filter: 20 psi.

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

Were all valves opened after replacing the filter bag? Yes ___ No ___ N/A

Were pumps turned ON after replacing the filter bag? Yes ___ No ___ N/A



Del Monte Plant #35

Date: _____

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

If wet spots are noted, briefly describe location. Wet Spot on Bag
Filter Housing

Was sampling performed? Yes No

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

A _____ B _____ C _____ D _____

Time req'd: _____

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

Misc. Field Notes: _____

Name (printed): Mitch Signature: _____

Start Time: _____ Finish Time: _____



Del Monte Plant #35

Date: 12-17-96

DATA LOG & FIELD NOTES

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

Well Depths:

Extraction Wells -

PW-1	_____	ft.	_____	time
PW-2	_____	ft.	_____	time
PW-3	_____	ft.	_____	time

Monitoring Wells -

P-1	_____	ft.	_____	time
P-2	_____	ft.	_____	time
P-3	_____	ft.	_____	time
MW-7	_____	ft.	_____	time
MW-9	_____	ft.	_____	time
MW-10	_____	ft.	_____	time
MW-12	_____	ft.	_____	time

Total GET Effluent 07424973 gal. _____ time

Time req'd: _____

GET System:

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

Before bag filter: 0 psi.
 After bag filter: 0 psi.

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

were all valves opened after replacing the filter bag?

Yes _____ No _____ N/A

were pumps turned ON after replacing the filter bag?

Yes _____ No _____ N/A



Del Monte Plant #15

Date: 12-17-96

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

If wet spots are noted, briefly describe location. _____

Was sampling performed? Yes No

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

A B C D

Time req'd: _____

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

Misc. Field Notes: Upon arrival, the Baker tank had been pumped down & submersible pump in well was not running

Name (printed): _____ Signature: _____

Start Time: _____ Finish Time: _____

