Investigation Report
for
Del Monte Plant 35
4204 Hollis Street and 1250 Park Avenue
Emeryville, California

Presented to

Del Monte Foods USA

Prepared by

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December 1993

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Section 1

Introduction

This report presents the results of a soil and groundwater investigation conducted between October 20, 1993 and November 30, 1993 at Del Monte Plant 35 (Plant 35) located at 4204 Hollis Street and 1250 Park Avenue in Emeryville, California. The investigation was conducted according to a property transaction agreement between Del Monte and Kaiser Permanente (Kaiser). This investigation consisted of soil and/or groundwater sampling at eighteen locations on or in the vicinity of the Plant 35 property.

Purpose

The purpose of the investigation discussed in this report was to address Kaiser's areas of interest at Plant 35.

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 in Emeryville, California (Figure 1) (figures are located at the end of the report).

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. Shallow groundwater generally flows in a southwesterly direction beneath Plant 35 (Appendix A)

The shallow groundwater beneath the southwest corner of the Plant 35 property contains chlorinated hydrocarbons which stemmed from four 50-gallon underground tanks. The tanks and accessible soil were removed in 1989. During December 1992, Del Monte demolished a building that provided access to soil that could not be removed during the removal of the four 50-gallon tanks in 1989. During January 1993, Del Monte excavated approximately 750 cubic yards of soil from the former tank area and constructed a groundwater extraction and treatment (GET) system. The GET system has operated continuously since January 1993 and has significantly reduced the levels of chlorinated hydrocarbons in the groundwater in the vicinity of the former tanks.

Investigation Areas

Del Monte and Kaiser identified 21 areas of interest at Plant 35 for potential investigation. These areas of interest are presented in Table 1 and shown on Figure 1. Upon discussing the results from previous investigations and the planned activities during the planned demolition of the Plant 35 building, Del Monte and Kaiser agreed to investigating only 18 of the 21 areas as indicated in Table 1. Activities that will occur during demolition of the main building will be conducted according to the Remediation Activities Plans submitted to the Alameda County Health Agency (ACHA) and Regional Water Quality Control Board (RWQCB) on June 26, August 12, and September 11, 1992; ACHA, with concurrence from the RWQCB, provided concurrence with Del Monte's Remediation Action Plans on August 20, 1992.

Table 1
Areas of Interest
Del Monte Plant 35, Emeryville, California

Area Number(s)	Area	Activity
1	Former 3,500-gallon gasoline tank	Confirm that shallow groundwater in this area is not an issue. (Alameda County provided closure for this area on October 30, 1992)
2	Closed in place 20,000-gallon diesel tank	Evaluate groundwater quality downgradient of the tank. (Del Monte will excavate the tank during building demolition) according to the Remediation Activity Plans
3, 5, 6, 7, 8, and 18 (identified as Area 3 during the investigation)	Beneath main building and exterior sumps	Investigate shallow soil for petroleum and chlorinated hydrocarbons.
4	Former 550-gallon gasoline tank (East Parcel)	No further investigation in this area is necessary. (Alameda County provided closure for this area on October 30, 1992)
9	Haven Street - Shallow soil exceeding 100 mg/kg total petroleum hydrocarbons	Soil excavation will be conducted during building demolition activities according to Del Monte's Remediation Activity Plans.
10, 11, 12 (identified as Area 10 during the investigation)	Former machine shop and drum storage area	Investigate shallow soil and groundwater for petroleum and chlorinated hydrocarbons.
13	Former caustic tanks	Investigate pH in shallow soil.

Table 1
Areas of Interest
Del Monte Plant 35, Emeryville, California

Area Number(s)	Area	Activity
14, 15	Former fuel oil tank area	Investigate shallow groundwater for chlorinated hydrocarbons downgradient of the former tank area. (Del Monte is currently operating a groundwater extraction and treatment system in this area)
16	Former 550-gallon gasoline tank (West Parcel)	No further investigation in this area is necessary. (Alameda County provided closure for this area on October 29, 1992)
17	Former fish oil tanks	Investigate soil for petroleum hydrocarbons.
19	Railroad spur along east side of main building	Investigate soil for petroleum hydrocarbons.
20	On-site groundwater sampling	Investigate shallow groundwater upgradient and downgradient of the main building for petroleum and chlorinated hydrocarbons.
21	Monitoring well MW-5	Locate and sample monitoring well MW-5.

Section 2
Procedures

This section describes general field investigation procedures.

Selection of Sampling Locations

CH2M HILL met with personnel from Kaiser's consultant (ENVIRON) at the Plant 35 property to mark soil boring, and shallow soil sampling locations. Sample identification information is listed on Table 2 and sample locations are shown on Figure 2.

As indicated on Table 2, sampling locations were marked with a three part name where the first portion of the name refers to the general activity area (i.e A19 for Area 19), the second portion of the name is generally SS (shallow soil), SB (soil boring), DM (Del Monte requested), K (Kaiser requested) or HOL (on Hollis Street), and the last portion of the sample location name is a number indicating the order in which the sample was marked in the specific area.

For example, sample A19-SS-06 would be the 6th shallow soil sampling location marked in Area 19. Where samples had to be recollected due to the expiration of laboratory holding times, the new locations were placed adjacent to the original location and the identifier "R" was added to the sample name (i.e. A19-SS-06R).

Soil Borings

The majority of soil borings were drilled by Gregg Drilling & Testing, Inc. (Gregg) using a Simco 2400 with 5.75-inch outer diameter hollow stem augers. Boring A17-SB-01 was installed using a B-61 Mobile rig with 6-inch outer diameter hollow stem augers and boring A13-SB-01 was hand augered.

Twelve borings were redrilled to confirm results of laboratory analysis which were run after laboratory method hold times had expired. These borings were installed on November 30, 1993 by Precision Sampling, Inc. (Precision) using their enviro-core system which installed a 2-inch diameter borehole.

Soil Sampling Methodology

Soil samples collected from soil borings installed by Gregg were collected by driving a split-spoon sampler into the soil below the augers. Soil samples collected from borings installed by Precision were collected by a drive-core sampling system that is hydraulically driven. Specific sampling depths are listed in Table 2 of this report. Immediately after collecting a soil sample, the brass (or stainless steel) sleeve containing the sample was sealed with Teflon sheets and polyethylene end caps, taped with adhesiveless silicon tape,

labeled and placed in an ice-filled cooler. If no groundwater samples were collected, the borings were grouted with Portland neat cement after soil sampling was completed.

Groundwater Sampling Methodology

Soil borings intended for groundwater sampling were drilled to a depth of approximately 5 feet below the first indication of moisture on the center rod inside the hollow stem auger. The augers were removed and a temporary 2-inch diameter PVC well casing with 10 feet of 0.01-inch slotted well screen was installed. Approximately 15 gallons (3 borehole volumes) were purged from each temporary well. The purged groundwater was measured for pH, conductivity and temperature. Purging was continued until the conductivity stabilized within 10 percent and the pH within 0.20. Groundwater samples were collected using a teflon bailer. Groundwater samples collected from borings installed by Precision were collected as described above with the exception that the groundwater samples were collected using a stainless steel bailer in a 1-inch PVC casing.

Samples intended for analysis of gasoline and benzene, toluene, ethyl benzene, and xylenes (Gas/BTEX) and for chlorinated hydrocarbons (by EPA Methods 8015 and 8010) were placed in 40 ml VOAs with laboratory preservatives (HCl). Samples intended for analysis for Total Extractable Petroleum Hydrocarbons (TEPH by EPA Method 8015) were placed in 1 liter amber jars with laboratory preservatives (H_2SO_4). Samples were labeled and immediately placed in an ice-filled cooler. Upon completion of sample collection, the well casing was removed form the borehole and the borehole was sealed with neat cement.

Hand Auger Boring/Soil Sampling

All of the shallow soil samples collected from Area 3 and all of the soil samples collected from location A13-SB-01 were collected by hand auguring down to the required depth and collecting soil from the hand auger using a stainless steel trowel. The samples were deposited in a glass jar until the jar was full. The jar was immediately sealed with a teflon-lined lid, labeled, and placed in an ice-filled cooler.

Laboratory Analysis

All samples were picked up on-site and analyzed by Chromalab in San Ramon, California. Twelve of the initial laboratory analyses were performed after EPA specified laboratory hold times had expired. In order to confirm these out of hold time results, new samples were collected on November 30, 1993 and run for the out of hold time analyses. Results for all analyses are provided in the laboratory report which is attached in Appendix B.

Survey

Sample locations were surveyed horizontally and vertically (National Geodetic Vertical Datum) by CH2M HILL. Survey results are included in Appendix C.

Table 2
Phase 1 Investigation
Del Monte Plant 35, Emeryville, California

Sample Location ID	Location/Rationale	Soil Sample Depth (feet)*	Water Sample	Analyte: Gas/BTEX EPA 8015	Extractables EPA 8015	Chlorinated hydrocarbons EPA 8010	pH EPA 9045	TRPH EPA 418.1
Area 1	**Former 3,500-gallon gasoline UST**							
A1-DM-01	Downgradient of former tank	None	Grab	X		X		
A1-DM-01R	Adjacent to A1-DM-01	None	Grab	X				
Area 2	**Former 20,000-gallon fuel oil UST**							
A2-K-01	Downgradient of closed in place diesel tank	None	Grab		X			
Area 3	**Beneath main building and exterior sumps**							
A3-SS-01	Floor gutter	0.5	None	X	X	X	X	
A3-SS-02	Automotive shop dark spot	1	None	X	X	X		
A3-SS-02R	Adjacent to A3-SS-02	1	None	X				
A3-SS-03	Inside paint storage room	0.5	None	X	X	X		
A3-SS-04	Between paint storage/ transformer rooms	None	None	X	X	X		
A3-SS-05	Floor gutter outside paint storage room	0.5	None	X	X	X		
A3-SS-06	In broken concrete in cold storage room	0.5	None	X	X	X		
A3-SS-07	Floor gutter	0.5, 0.6 (D)	None	X	X	X		
A3-SS-08	Dark spot on floor	0.5	None	X	X	X		
A3-SS-09	Next to abandoned floor gutter	0.5	None	X	X	X		
A3-SS-10	Floor gutter intersection	0.5	None	X	X	X		
A3-SS-11	Floor gutter intersection	0.5	None	X	X	X		
A3-SS-12	Floor gutter corner	0.5	None	X	X	X		
A3-SS-13	Floor gutter intersection	0.5	None	X	X	X		
A3-SS-14	Floor gutter	0.5	None	X	X	X		
A3-SS-15	Floor gutter	0.5	None	X	X	X	X	
A3-SS-16	Retort area, in gutter	0.5	None	X	X	X		
A3-SS-17	Floor gutter	0.5	None	X	X	X	X	
A3-SS-18	Floor gutter intersection	0.5	None	X	X	X	X	
A3-SS-19	Floor gutter intersection	0.2, 2.0	None	X	X	X	X	
A3-SS-20	Floor gutter	0.5	None	X	X	X	X	
A3-SB-01	Next to sump	0.5, 7.5	None	X	X	X	X	
A3-SB-01R	Adjacent to A3-SB-01	7.5	None	X				
A3-SB-02	Next to automotive shop sump	0.5, 0.5 (D), 6.5	None	X	X	X		
A3-SB-02R	Adjacent to A3-SB-02	6.5	None	X				
A3-SB-03	Room outside transformer	0.5, 5.5	None	X	X	X		
A3-SB-03R	Adjacent to A3-SB-03	5.5	None	X				
A3-SB-04	Dark spot on floor, next to floor gutter	0.5, 5.5	None	X	X	X		
A3-SB-04R	Adjacent to A3-SB-04	5.5	None	X				
A3-SB-05	Low, dark spot on floor, next to floor gutter	0.5, 5.5	None	X	X	X	X	
A3-SB-05R	Adjacent to A3-SB-05	5.5	None	X				
Area 10	**Former machine shop/drum storage area**							
A10-SB-01	Former machine shop, drum storage	2.0, 6.0	Grab	X	X	X		
A10-SB-02	Former machine shop, drum storage	2, 6.5	None	X	X	X		
A10-SB-03	Former machine shop, drum storage	2.0, 5.0, 5.5 (D)	None	X	X	X		
A10-SB-04	Former machine shop, drum storage, floor gutter	2.5, 6.0	None	X	X	X		
A10-SB-05	Former mach shop, drum stor, dark spot	2.5, 5.5	None	X	X	X		
A10-SB-06	Former mach shop/broken concrete	2.5, 6.0	None	X	X	X		
A10-SB-07	Next to monitoring well	2.0, 6.0	None	X	X	X		

Table 2
Phase 1 Investigation
Del Monte Plant 35, Emeryville, California

Sample Location ID	Location/Rationale	Soil Sample Depth (feet)*	Water Sample	Analyte: Gas/BTEX EPA 8015	Analyte: Extractables EPA 8015	Analyte: Chlorinated hydrocarbons EPA 8010	Analyte: pH EPA 9045	Analyte: TRPH EPA 418.1
Area 13	**Former caustic tanks**							
A13-SB-01	Former caustic tanks	2.0, 2.0(D), 5.0	None				X	
Area 14	**Former fuel oil UST area**							
A14-HOL-02	Downgradient of former fuel oil tank	None	Grab			X		
A14-HOL-02A	Downgradient of former fuel oil tank	None	Grab(D)			X		
A14-HOL-03	Downgradient of former fuel oil tank	None	Grab(D)			X		
A14-HOL-04	Downgradient of former fuel oil tank	None	Grab			X		
A14-PK-01	Downgradient of former fuel oil tank	None	Grab			X		
A14-MW-1	Former City Hall property - monitoring well	None	Sample			X		
Area 17	**Former fish oil tanks**							
A17-SB-01	Former fish oil tanks	3.0, 3.5(D), 6, 9, 12, 15	None					X
A17-SB-02	Former fish oil tanks	3.5, 6.5, 9.5, 12.5, 15.5	None					X
Area 19	**Railroad spur along east side of main building**							
A19-SS-01	Beneath base of railroad spur gravel bed	3.5	None					X
A19-SS-02	Beneath base of railroad spur gravel bed	2.5	None					X
A19-SS-03	Beneath base of railroad spur gravel bed	3.5	None					X
A19-SS-04	Beneath base of railroad spur gravel bed	3	None					X
A19-SS-05	Beneath base of railroad spur gravel bed	2.5	None					X
A19-SS-06	Beneath base of railroad spur gravel bed	2.5	None	X				X
A19-SS-06R	Adjacent to A19-SS-06	2.5	None	X				
A19-SS-07	Beneath base of railroad spur gravel bed	3.5	None					X
A19-SS-08	Beneath base of railroad spur gravel bed	2.5	None	X				X
A19-SS-08R	Adjacent to A19-SS-08	2.5	None	X				
A19-SS-09	Beneath base of railroad spur gravel bed	3.5	None					X
A19-SS-10	Beneath base of railroad spur gravel bed	3.5	None					X
Area 20	**On-site groundwater sampling**							
A20-K-02	Upgradient of building	None	Grab	X	X	X		
A20-K-02R	Adjacent to A20-K-02	None	Grab	X				
A20-K-03	Downgradient of main building	None	Grab	X	X	X		
A20-K-04	Eastern property boundary	7.0	Grab	X	X	X		
A20-K-04R	Adjacent to A20-K-04	9.0, 9.0(D)	None		X			
A20-K-05	Eastern property boundary	4.0	Grab	X	X	X		
A20-K-05R	Adjacent to A20-K-05	7.0	None		X			
A20-DM-02	Downgradient of main building	None	Grab	X	X	X		
A20-DM-03	Downgradient of main building	None	Grab	X	X	X		
A20-DM-04	Downgradient of main building	None	Grab	X	X	X		
A20-DM-05	Downgradient of main building	None	Grab	X	X	X		
A20-DM-06	Downgradient of main building, dark spot	None	Grab	X	X	X		

Notes:

[a]*Except in Area 3, all soil sample depth is measured in fee below ground surface. In area 3, for shallower soil samples only, depth is measured in feet below bottom of concrete slab.
[b]Shading indicates analysis which was run after hold time had expired.
[c](D) indicates duplicate sample

Section 3

Results by Area

This section describes the field activities and analytical results for each investigation area.

Area 1

As indicated on Table 2 and Figure 1, sampling at Area 1 was performed to determine if petroleum and/or chlorinated hydrocarbons are present in the shallow groundwater immediately downgradient of the former 3500-gallon gasoline underground storage tank. One groundwater sample was collected from borehole A1-DM-01 immediately downgradient of the former tank and analyzed for Gas/BTEX and chlorinated hydrocarbons. This location was resampled on November 30 because the original Gas/BTEX analysis was performed after the expiration of the sample holding times. No Chlorinated hydrocarbons or Gas/BTEX were detected above method detection limits in Area 1.

Area 2

As indicated on Table 2 and Figure 1, sampling in Area 2 was performed to investigate the extent of diesel fuel, kerosene, and motor oil in groundwater downgradient of the closed in place 20,000-gallon fuel oil tank. One groundwater sample was collected (A2-K-01) and submitted for analysis. Diesel fuel, kerosene, and motor oil (TEPH) were not detectable above method detection limits in Area 2.

Area 3, 5, 6, 7, 8, and 18

As indicated on Table 2 and Figure 1, sampling in Areas 3, 5, 6, 7, 8, and 18 (all labeled as Area 3 during sampling) was performed to investigate soil conditions beneath the main building floor and exterior sumps. All of the soil samples were analyzed for Gas/BTEX, TEPH (diesel, kerosene, and motor oil), and chlorinated hydrocarbons. Soil samples collected beneath the southern half of the main building were also analyzed for pH. All of the soil pH's were between 7.3 and 8.5 pH units. Analytical results for those analytes which were detectable in at least one soil sample are shown in Table 3. The distribution of petroleum hydrocarbons in soil samples collected in Area 3 is shown on Figure 3.

Areas 10, 11, and 12

As indicated on Table 2 and Figure 1, sampling in Areas 10, 11, and 12 (all labeled as Area 10 during sampling) was performed to investigate the soil conditions adjacent to the former machine shop and drum storage area. Seven soil borings were installed and a total of 14 soil samples were collected and analyzed for Gas/BTEX, TEPH, and chlorinated hydrocarbons. Results for analysis of those parameters which were detectable in at least one soil sample are shown in Table 4.

Table 3
Results of Soil Analysis, Area 3
Del Monte Plant 35, Emeryville, California

Sample Identification	Analyte					
	Gasoline (mg/kg)	Total Xylenes (mg/kg)	Kerosene (mg/kg)	Diesel (mg/kg)	Motor Oil (mg/kg)	Tetrachloroethene (mg/kg)
A3-SS-01-0.5	<1.0	<0.005	**48**	<1.0	**52**	<0.005
A3-SS-02-1.0	<1.0	<0.005	<1.0	<1.0	<10.0	**0.0080**
A3-SS-02R-1.0	<1.0	<0.005	NA	NA	NA	NA
A3-SS-03-0.5	**7.9**	**0.0071**	**60**	<1.0	**17**	<0.005
A3-SS-05-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SS-06-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SS-07-0.5	<1.0	<0.005	<1.0	<1.0	**76 (48)**	<0.005
A3-SS-08-0.5	<1.0	<0.005	<1.0	**2.7**	<10.0	<0.005
A3-SS-09-0.5	<1.0	<0.005	<1.0	**3.3**	<10.0	<0.005
A3-SS-10-0.5	<1.0	<0.005	<1.0	<1.0	**19**	<0.005
A3-SS-11-0.5	<1.0	<0.005	<1.0	**4.4**	<10.0	<0.005
A3-SS-12-0.5	<1.0	<0.005	<1.0	**5.1**	<10.0	<0.005
A3-SS-13-0.5	<1.0	<0.005	<1.0	**7.1**	<10.0	<0.005
A3-SS-14-0.5	<1.0	<0.005	<1.0	**23**	**74**	<0.005
A3-SS-15-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SS-16-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SS-17-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SS-18-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SS-19-0.2	**49**	**0.046**	**110**	<1.0	**85**	<0.005
A3-SS-19-2.0	**3.9**	**0.0093**	**91**	<1.0	**70**	<0.005
A3-SS-20-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SB-01-0.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SB-01-7.5	<1.0	<0.005	<1.0	**3**	<10.0	<0.005
A3-SB-01R-7.5	<1.0	<0.005	NA	NA	NA	NA
A3-SB-02-0.5, 0.5(D), 6.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SB-02R-6.5	<1.0	<0.005	NA	NA	NA	NA
A3-SB-03-0.5, 5.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SB-03R-5.5	<1.0	<0.005	NA	NA	NA	NA
A3-SB-04-0.5, 5.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SB-04R-5.5	<1.0	<0.005	NA	NA	NA	NA
A3-SB-05-0.5, 5.5	<1.0	<0.005	<1.0	<1.0	<10.0	<0.005
A3-SB-05R-5.5						

Notes:

[a] <1.0 indicates that the laboratory detection limit was not exceeded.
[b] Shading indicates laboratory analysis was performed after hold time had expired.
[c] All samples were analyzed for Gas/BTEX (EPA 8015), TEPH (EPA 8015), and Chlorinated hydrocarbons (EPA 8010).
[d] Only those analytes which were detected in at least one sample are shown in this table.
[e] NA = Not Analyzed

Table 4 Results of Soil Analysis, Area 10 Del Monte Plant 35, Emeryville, California			
Soil Sample Identification	Analyte		
	Motor Oil (mg/kg)	**1,1,1-Trichloroethane (mg/kg)**	**1,1-Dichloroethane (mg/kg)**
A10-SB-01-2.0, 6.0	<10.0	<0.005	<0.005
A10-SB-02-2.0, 6.5	<10.0	<0.005	<0.005
A10-SB-03-2.0, 5.0, 5.5 (D)	<10.0	<0.005	<0.005
A10-SB-04-2.5	<10.0	**0.022**	**0.03**
A10-SB-04-6.0	<10.0	**0.01**	<0.005
A10-SB-06-2.5, 5.5	<10.0	<0.005	<0.005
A10-SB-06-2.5, 6.0	<10.0	<0.005	<0.005
A10-SB-07-2.0	<10.0	<0.005	<0.005
A10-SB-07-6.0	**260**	<0.005	<0.005

Notes:

[a] < 10.0 indicates that the laboratory detection limit was not exceeded.
[b] All samples were analyzed for Gas/BTEX Extractables (EPA 8015) and Chlorinated hydrocarbons (EPA 8010). Only those analytes which were detected in at least one sample are shown in this table.

Sample locations and distribution of petroleum hydrocarbons in soil samples collected from Area 10 are shown on Figure 3. Tetrachloroethene was detected at 6.1 ug/l (4.7 ug/l in sample duplicate) in the groundwater sample collected from boring A10-SB-01.

Area 13

As indicated on Table 2 and Figure 1, sampling in Area 13 was performed in order to assess the soil pH beneath the former caustic tanks areas. In Area 13, one soil boring (A13-SB-01) was hand augered to six feet below the ground surface. Soil samples were collected from boring A13-SB-01 and submitted for pH analysis. The soil pH at 2.0 feet below ground surface was measured at 8.3 pH units (8.0 pH units in the sample duplicate) and the soil pH at 5.0 feet below the ground surface was measured at 8.6 pH units.

Area 14

As indicated on Table 2 and Figure 1, sampling in Area 14 was performed to investigate the extent of chlorinated hydrocarbons in groundwater downgradient of the former fuel oil UST area. Results for analysis of those chlorinated hydrocarbons which were detectable in at least one groundwater sample are shown in Table 5. The distribution of chlorinated hydrocarbons in groundwater as measured during this investigation is shown on Figure 4.

Table 5
Results of Groundwater Analysis, Area 14
Del Monte Plant 35, Emeryville, California

Groundwater Sample Identification	Analyte						
	Vinyl Chloride (ug/l)	Trans-1,2-Dichloroethene (ug/l)	Cis-1,2-Dichloroethene (ug/l)	1,1,1-Trichloro-ethane (ug/l)	1,2-Dichloroethane (ug/l)	Trichloroethylene (ug/l)	Tetra-chloroethene
A14-HOL-02	3.8	2.2	30	<0.5	0.9	170	16
A14-HOL-02A	4.8 (4.7)	2.1 (2.4)	29 (29)	1.3 (1.7)	0.6 (0.6)	170 (160)	19 (20)
A14-HOL-03	0.7 (0.8)	0.6 (0.7)	8.6 (8.6)	<0.5	<0.5	6.4 (6.4)	17 (18)
A14-HOL-04	<0.5	<0.5	0.5	<0.5	<0.5	1.1	1.1
A14-PK-01	<0.5	<0.5	<0.5	<0.5	<0.5	2.2	<0.5
A14-MW-01	<0.5	<0.5	<0.5	1.2	<0.5	5.9	<0.5

Notes:

[a] <0.5 indicates that the laboratory detection limit was not exceeded. Values in parentheses are result of analysis of duplicate samples.

Area 17

As indicated on Table 2 and Figure 1, sampling in Area 17 was performed to investigate soil conditions adjacent to the former fish oil tanks. Two soil borings were drilled to approximately 16 feet below ground surface and soil samples were continuously collected and screened with an organic vapor meter. No organic vapors were detected in the field. Five soil samples from each borehole were submitted for laboratory analysis by EPA Method 418.1 for Total Recoverable Petroleum Hydrocarbons. No petroleum hydrocarbons were detected above 10 mg/kg (method detection limit).

Area 19

As indicated on Table 2 and Figure 1, sampling in Area 19 was performed to investigate soil conditions beneath the base of the railroad spur gravel bed. Samples were collected and submitted for analysis as shown on Table 2. The analytical results are presented in Table 6. In all of the samples except A19-SS-06 and A19-SS-08, TRPH was not detectable at levels above 10 mg/kg (the method detection limit). Distribution of petroleum hydrocarbons in soil samples collected beneath the railroad spur are shown in Figure 5.

Table 6
Results of Analysis, Area 19
Del Monte Plant 35, Emeryville, California

Soil Sample Identification	Analyte				
	Gasoline (mg/kg)	Toluene (mg/kg)	Ethyl Benzene (mg/kg)	Total Xylenes (mg/kg)	TRPH (mg/kg)
A19-SS-01-3.5	<1.0	<0.005	<0.005	<0.005	<10.0
A19-SS-02-2.5	<1.0	<0.005	<0.005	<0.005	<10.0
A19-SS-03-3.5	<1.0	<0.005	<0.005	<0.005	<10.0
A19-SS-04-3.0	<1.0	<0.005	<0.005	<0.005	<10.0
A19-SS-05-2.5	<1.0	<0.005	<0.005	<0.005	<10.0
A19-SS-06-2.5	<1.0	<0.005	<0.005	<0.005	**13**
A19-SS-06R-2.5	<4.1	<0.005	<0.005	<0.013	NA
A19-SS-07-3.5	<1.0	<0.005	<0.005	<0.005	<10.0
A19-SS-08-2.5	**32**	**0.017**	**0.051**	**0.14**	**1500**
A19-SS-08R-2.5	14	0.035	0.013	0.043	NA
A19-SS-09-3.5	<1.0	<0.005	<0.005	<0.005	<10.0
A19-SS-10-3.5	<1.0	<0.005	<0.005	<0.005	<10.0

Notes:

[a]Shading indicates laboratory analysis was performed after hold time had expired.
[b]All samples were analyzed for Gas/BTEX, TEPH, and Chlorinated hydrocarbons.
[c]Only constituents where some concentration was detected are shown.
[d]NA = Not Analyzed

Area 20

As indicated on Table 2 and Figure 1, sampling in Area 20 was performed to investigate groundwater quality upgradient and downgradient of the main Plant 35 building. Samples were collected and submitted for analysis as indicated on Table 2. All samples were analyzed for Gas/BTEX, TEPH, and chlorinated hydrocarbons.

Groundwater

The analytical results of the groundwater samples collected in Area 20 are shown on Table 7. Only those analytes which were detectable in at least one sample are shown on Table 7. Groundwater sample locations and distribution of chlorinated hydrocarbons in groundwater are shown on Figure 4. Distribution of petroleum hydrocarbons in groundwater is shown on Figure 6.

Table 7
Results of Groundwater Analysis, Area 20
Del Monte Plant 35, Emeryville, California

Sample Identification	Analyte										
	Gasoline (ug/l)	Benzene (ug/l)	Ethyl Benzene (ug/l)	Total Xylenes (ug/l)	Vinyl Chloride (ug/l)	Trans-1,2-Dichloroethene (ug/l)	Cis-1,2-Dichloroethene (ug/l)	1,1-Dichloroethane (ug/l)	Trichloroethylene (ug/l)	Tetrachloroethene (ug/l)	Dibromochloromethane (ug/l)
A20-K-02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
A20-K-02R	<50	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA
A20-K-03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	**1.4**	<0.5	**1.5**	**4.9**	<0.5
A20-K-04	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
A20-K-05	1900	51	12	48	<0.5	<0.5	<0.5	**1.9**	<0.5	<0.5	<0.5
A20-DM-02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
A20-DM-03	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
A20-DM-04	<50	<0.5	<0.5	<0.5	**2.1**	<0.5	<0.5	<0.5	<0.5	<0.5	**6.6**
A20-DM-05	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
A20-DM-06	<50	<0.5	<0.5	<0.5	**5.3**	**3.8**	**38**	<0.5	**21**	**41**	<0.5

Note:

[a] < 50 indicates that the laboratory detection limit was not exceeded.
[b] All samples were analyzed for Gas/BTEX, TEPH, and Chlorinated hydrocarbons.
[c] NA = Not Analyzed.
[d] Shading indicates laboratory analysis was performed after hold time had expired.

Soil

Soil samples from A20-K-04 and A20-K-05 were collected from drill cuttings as a result of organic vapor field equipment readings. Depths to samples were approximated based on auger position. TEPH analysis for those soil samples was run after hold time had expired. During resampling due to laboratory method holding time expirations, soil samples were collected from continuous cores based on highest organic vapor meter readings. Analytical results of soil samples are shown on Table 8.

Table 8
Results of Soil Analysis, Eastern Property Boundary
Del Monte Plant 35, Emeryville, California

Sample Identification	Analyte					
	Gasoline (mg/kg)	Ethyl Benzene (mg/kg)	Xylenes (mg/kg)	Diesel (mg/kg)	TRPH (mg/kg)	1,1,1-TCA (mg/kg)
A20-K-04-7.0	**1.6**	<0.005	<0.005	**35**	**116**	**0.0071**
A20-K-04R-9.0,9.0(d)	2.5 (3.1)	0.0063	0.0093	220 (220)	NA	NA
A20-K-05	**110**	**0.037**	**0.340**	**<1.0**	<10	**0.008**
A20-K-05R	NA	NA	NA	<1.0	NA	NA

Notes:

[a] <0.005 indicates that the laboratory detection limit was not exceeded.
[b] Shading indicated that the laboratory holding time was exceeded.
[c] All samples were analyzed for Gas/BTEX, TEPH and Chlorinated hydrocarbons.
[d] NA = Not Analyzed

Section 4

Summary and Recommendations

Eighteen areas at Plant 35 were identified by Del Monte and Kaiser as areas of interest that were investigated during the field investigation activities presented in this report. A summary of the investigation results and the planned future activities for each investigation area is presented in Table 9. Based on the investigation results, areas potentially requiring further investigation or action prior to building demolition are discussed below:

Areas 14 and 15 - Former Underground Fuel Oil Tanks Area

The groundwater samples collected from boreholes drilled on the west side of Hollis Street, downgradient of the former fuel oil tanks, indicates a narrow zone of shallow groundwater containing chlorinated hydrocarbons at concentrations similar to concentrations found at the downgradient property edge of Plant 35. Four out of the five groundwater sample locations along Hollis Street and Park Avenue (including HOL-1 from the July 1992 investigation) did not contain any chlorinated hydrocarbon compounds above 20 μg/l; groundwater samples collected from borings A14-HOL-4 and A14-PK-01 only contained trace amounts of chlorinated hydrocarbons.

Area 20 - Soil and Groundwater at Eastern Property Boundary

Elevated levels of petroleum hydrocarbons in the soil and groundwater were detected from the two soil borings (A20-K-04 and A20-K-05) located at the eastern property boundary of Plant 35. The source of the petroleum hydrocarbons is not known. Based on available information, it does not appear likely that the petroleum hydrocarbon constituents stemmed from past Del Monte operations due to the following information:

- Shallow groundwater in the area flows in a westerly direction and the two boreholes were drilled at the upgradient edge of the Del Monte property.
- Del Monte used the property in the vicinity of the boreholes for employee parking which is not a likely source for the levels of petroleum hydrocarbons detected in the soil and groundwater in this area.

Area 20 - Groundwater at A20-DM-06

The groundwater sample collected from borehole A20-DM-06 contained chlorinated hydrocarbon concentrations similar to levels encountered in the monitoring wells in the vicinity of the former fuel oil tanks. It is suspected that the chlorinated hydrocarbons encountered in A20-DM-06 stem from the former fuel oil tank area; however, location A20-DM-06 is located upgradient of the former fuel oil tanks.

To confirm the source of the chlorinated hydrocarbons encountered in borehole A20-DM-06, an additional investigation, consisting of approximately three groundwater sample locations, will be conducted in the vicinity of borehole A20-DM-06.

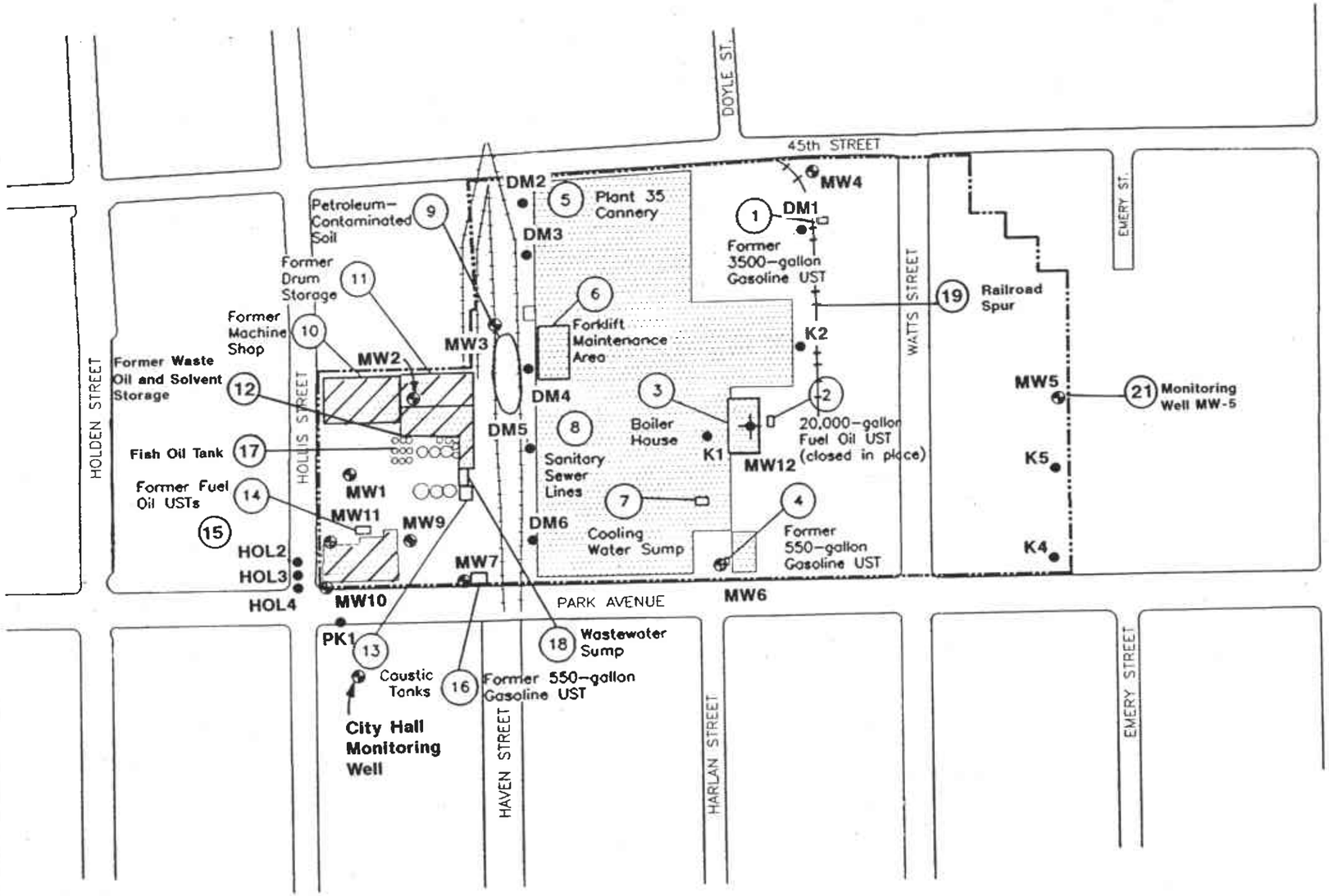
Table 9
Summary of Results and Future Activities
Del Monte Plant 35, Emeryville, California

Area	Number of Borehole Locations	Results Summary	Future Activity
1 - Former 3500-gallon gasoline UST	1 (groundwater)	No petroleum or chlorinated hydrocarbons detected in groundwater downgradient of former tank.	None planned (ACHA provided closure for this area on October 30, 1992).
2 - 20,000-gallon fuel oil UST	1 (groundwater)	No petroleum hydrocarbons detected in groundwater downgradient of former tank.	Tank will be removed and environmental investigation performed after building demolition according to Del Monte's Remediation Activity Plans.
3, 5, 6, 7, 8, 18 - Soil beneath main building and exterior sumps	25 (soil)	Only three out of 30 soil samples contained petroleum hydrocarbons above 100 mg/kg (A3-SS-01-0.5, A3-SS-19-0.2, and A3-SS-19-2.0) and only one location contained a detectable level of chlorinated hydrocarbons (A3-SS-02-1.0: 0.008 mg/kg PCE). In most other samples, analytes were below method detection limits.	Soil with greater than 100 mg/kg petroleum hydrocarbons will be excavated after building demolition according to Del Monte's Remediation Activity Plans.
10, 11, 12 - Former machine shop and drum storage area	7 (7 soil)	Only one out of 14 soil samples had detectable levels of petroleum hydrocarbons (260 mg/kg), two out of 14 had low levels of chlorinated hydrocarbons (0.01 to 0.03 mg/kg).	Soil with greater than 100 mg/kg petroleum hydrocarbons will be excavated after building demolition according to Del Monte's Remediation Activity Plans.
	(1 groundwater)	In the groundwater sample, petroleum hydrocarbons were below method detection limits and the only detectable chlorinated hydrocarbon was PCE (6.1 ug/l).	None planned.
13 - Former caustic tanks	1 (soil)	Soil samples had pH ranging from 8.0 to 8.6.	None planned.
14, 15 - Former fuel oil UST area	5 (groundwater)	Chlorinated hydrocarbons detected in all groundwater samples. TCE concentrations ranged from 1.1 to 170 ug/l; only two out of five locations contained chlorinated hydrocarbon concentrations greater than 10 ug/l.	Currently being evaluated.
17 - Former fish oil tanks	2 (soil)	No petroleum hydrocarbons (TRPH) detected in the 10 soil samples collected.	None planned.
19 - Railroad Spur along East side of main building	10 (soil)	Two out of ten locations contained detectable levels of petroleum hydrocarbons; one location contained 10 mg/kg TRPH, and one location (A19-SS-08-2.5) contained 1500 mg/kg TRPH (Benzene was not detected above the method detection limit of 0.005 mg/kg).	Soil with greater than 100 mg/kg petroleum hydrocarbons will be excavated after building demolition according to Del Monte's Remediation Activity Plans.

Table 9
Summary of Results and Future Activities
Del Monte Plant 35, Emeryville, California

Area	Number of Borehole Locations	Results Summary	Future Activity
20 - On-site groundwater sampling	9 (9 groundwater)	Only one out of nine groundwater samples contained detectable levels of petroleum hydrocarbons (A20-K-05: 1,900 ug/l gasoline and 51 ug/l benzene); this sample was collected from the eastern property edge of Plant 35 (A20-K-05). Chlorinated hydrocarbons exceeding 10 ug/l were only detected in the groundwater sample collected from borehole A20-DM-06.	Currently being evaluated. Further groundwater investigation will be conducted in the vicinity of borehole A20-DM-06.
20 - Soil samples collected from borings along eastern property boundary	(2 soil)	Both soil sampling location contained petroleum hydrocarbons at concentrations greater than 100 mg/kg and 1,1,1-TCA at approximately 0.01 mg/kg. Benzene was below method detection limit of 0.005 mg/kg in both locations.	Currently being evaluated.
21 - Monitoring well MW-5	None	Monitoring well MW-5 was not located.	Monitoring well MW-5 will be located with the use of a backhoe during building demolition activities and properly abandoned.

Figures



NOTE: Area 20 consists of nine groundwater sampling locations on the Plant 35 property.

SOURCE: Environ, Known and Potential Source Areas, June 1, 1993.

Figure 1
PHASE 1 INVESTIGATION ACTIVITY AREAS
Del Monte Plant 35
Emeryville, California

CH2M HILL

SFO28830.BB

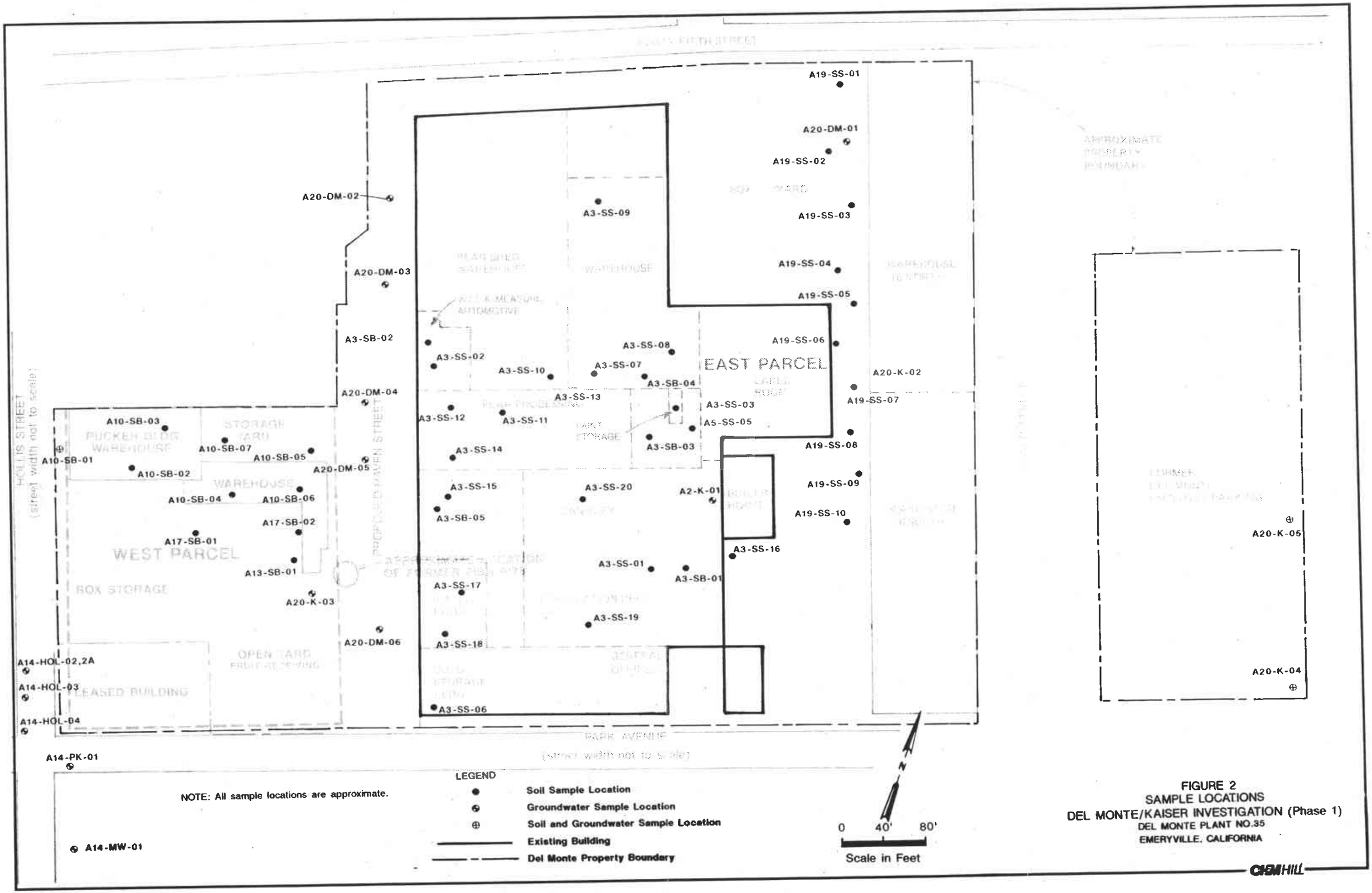
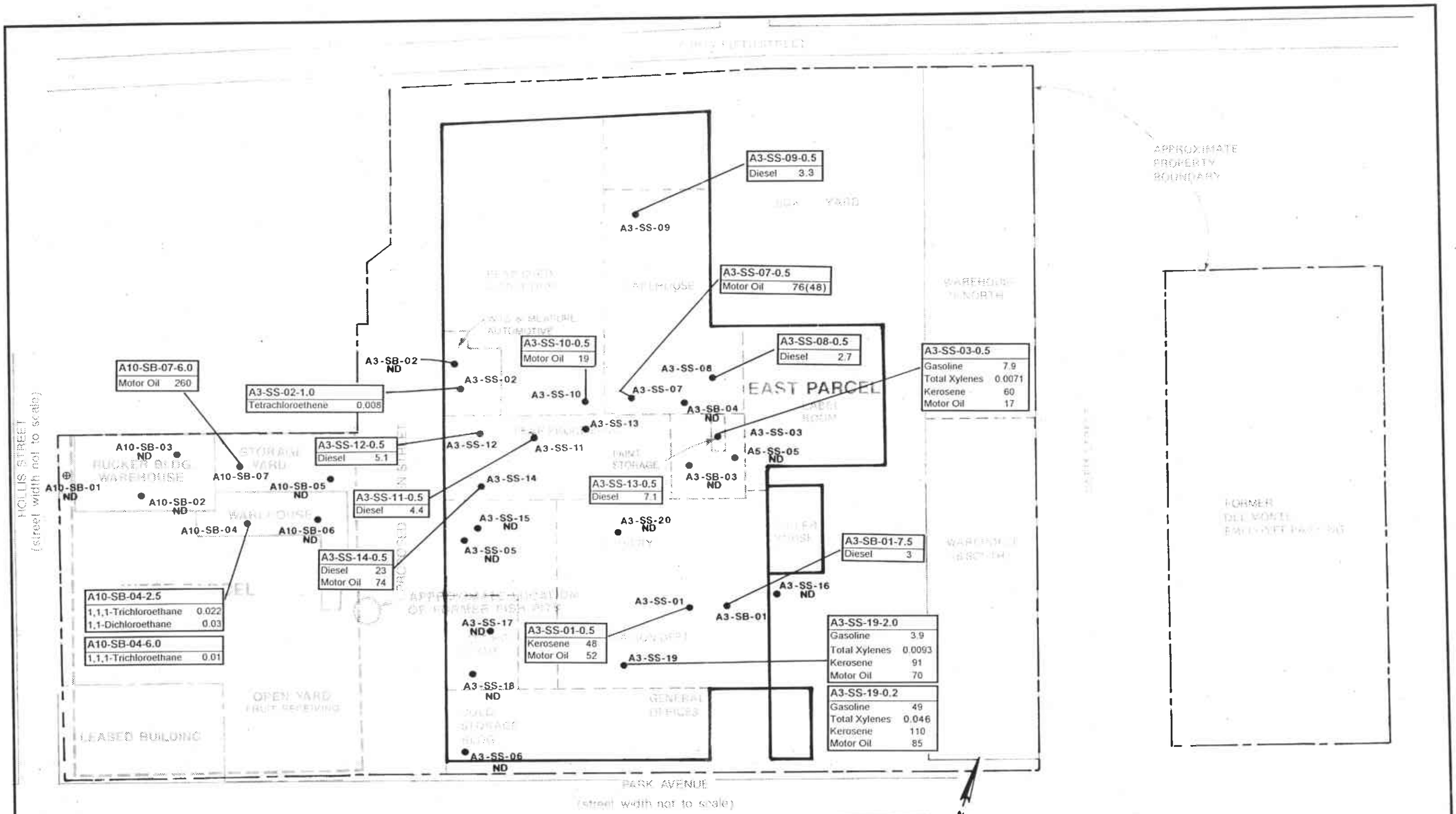


FIGURE 2
SAMPLE LOCATIONS
DEL MONTE/KAISER INVESTIGATION (Phase 1)
DEL MONTE PLANT NO.35
EMERYVILLE, CALIFORNIA

CH2MHILL



NOTE: All sample locations are approximate.

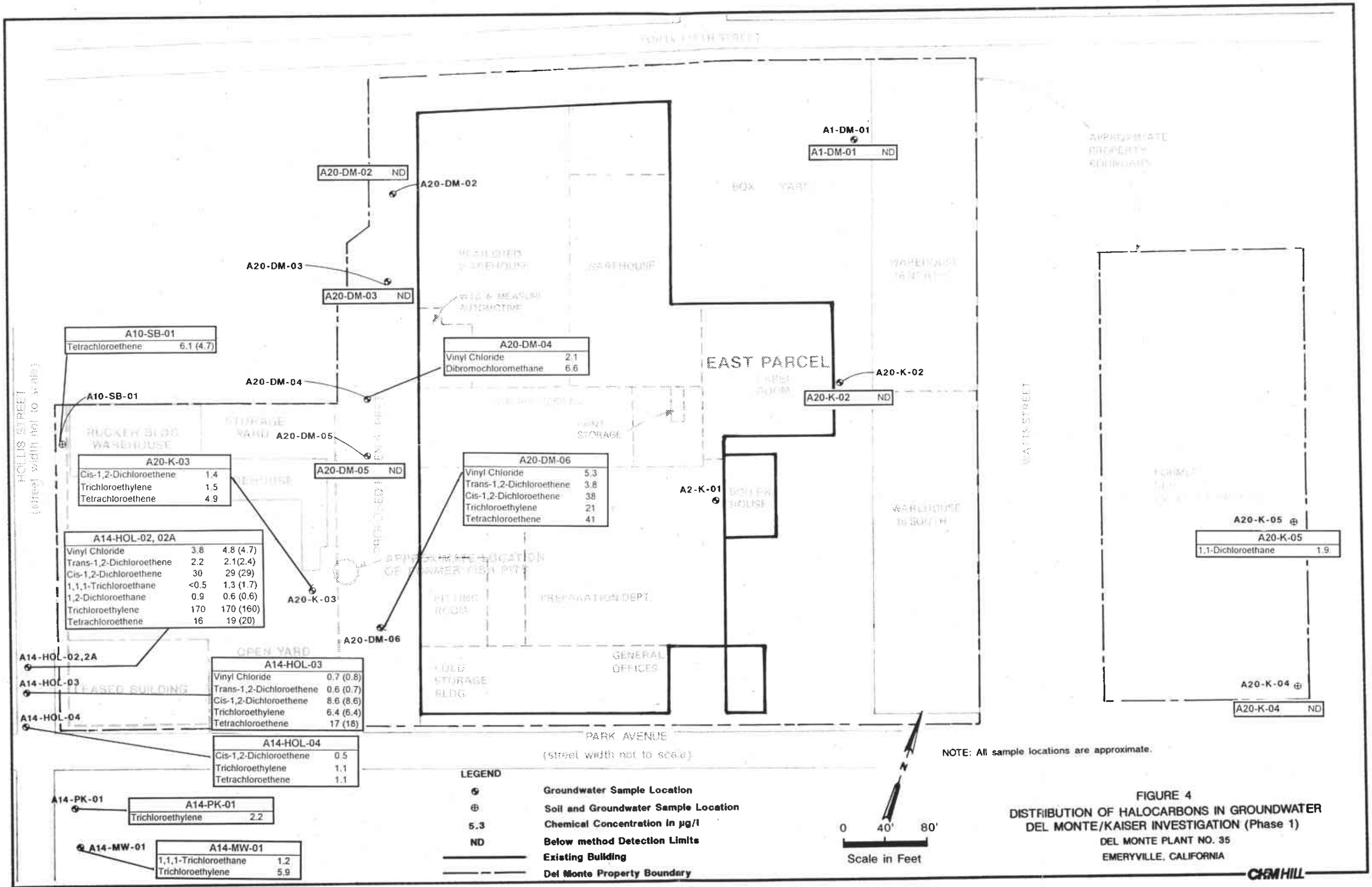
LEGEND

- ● Soil Sample Location
- ⊕ Soil and Groundwater Sample Location
- 3.9 Chemical Concentration m mg/kg
- ND Below Method Detection Limits
- Existing Building
- Del Monte Property Boundary

FIGURE 3
ANALYTICAL RESULTS FROM SOIL SAMPLES
COLLECTED IN AREAS 3 AND 10
DEL MONTE/KAISER INVESTIGATION (Phase 1)
DEL MONTE PLANT NO. 35
EMERYVILLE, CALIFORNIA

CH2MHILL

SFO28630.P1

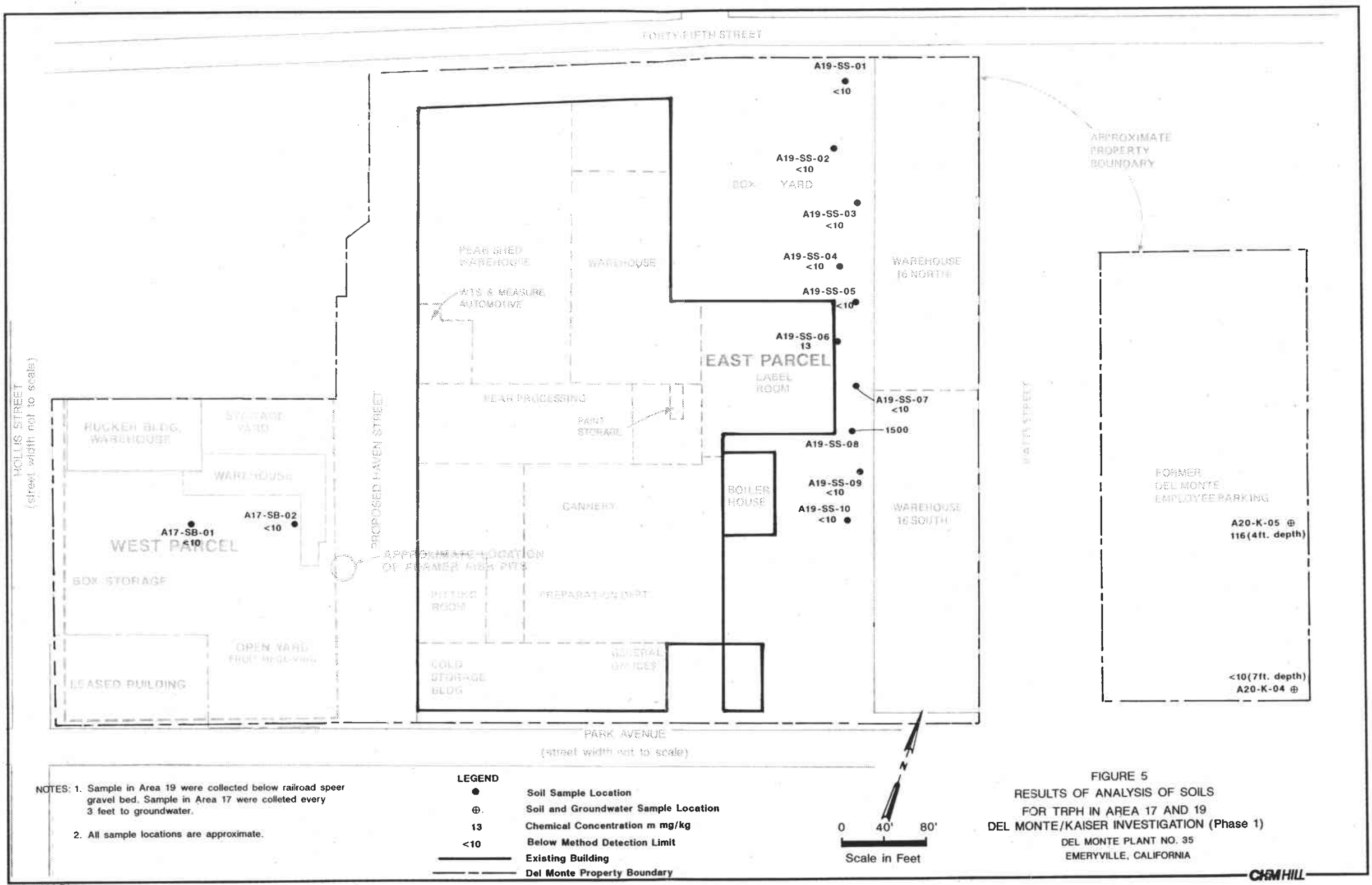


NOTE: All sample locations are approximate.

FIGURE 4
DISTRIBUTION OF HALOCARBONS IN GROUNDWATER
DEL MONTE/KAISER INVESTIGATION (Phase 1)
DEL MONTE PLANT NO. 35
EMERYVILLE, CALIFORNIA

CH2M HILL

SFO28830.P1



NOTES: 1. Sample in Area 19 were collected below railroad speer gravel bed. Sample in Area 17 were colleted every 3 feet to groundwater.

2. All sample locations are approximate.

LEGEND

●	Soil Sample Location
⊕	Soil and Groundwater Sample Location
13	Chemical Concentration m mg/kg
<10	Below Method Detection Limit
———	Existing Building
– – – –	Del Monte Property Boundary

FIGURE 5
RESULTS OF ANALYSIS OF SOILS
FOR TRPH IN AREA 17 AND 19
DEL MONTE/KAISER INVESTIGATION (Phase 1)
DEL MONTE PLANT NO. 35
EMERYVILLE, CALIFORNIA

CHM HILL

SFO28830.P1

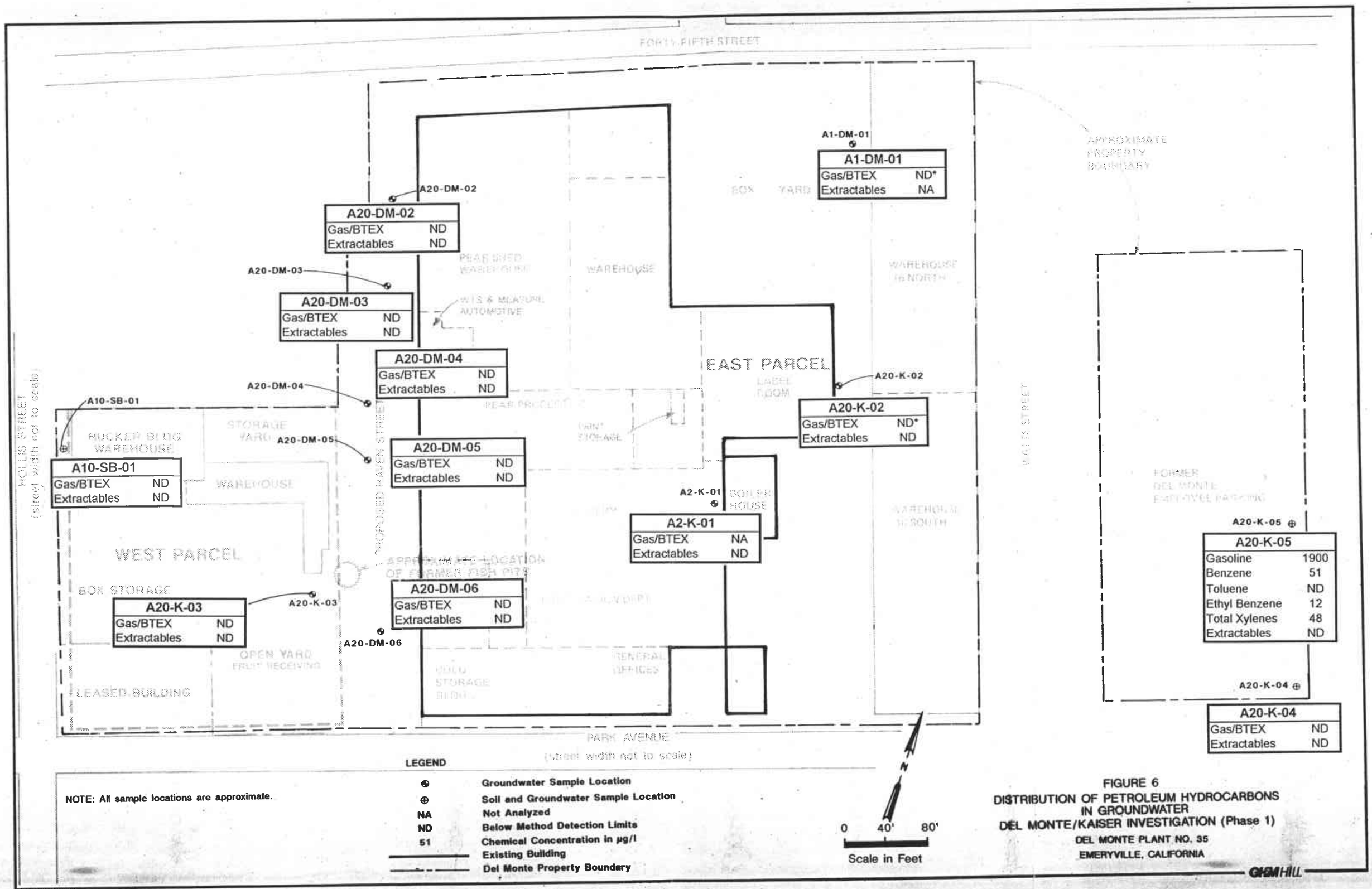
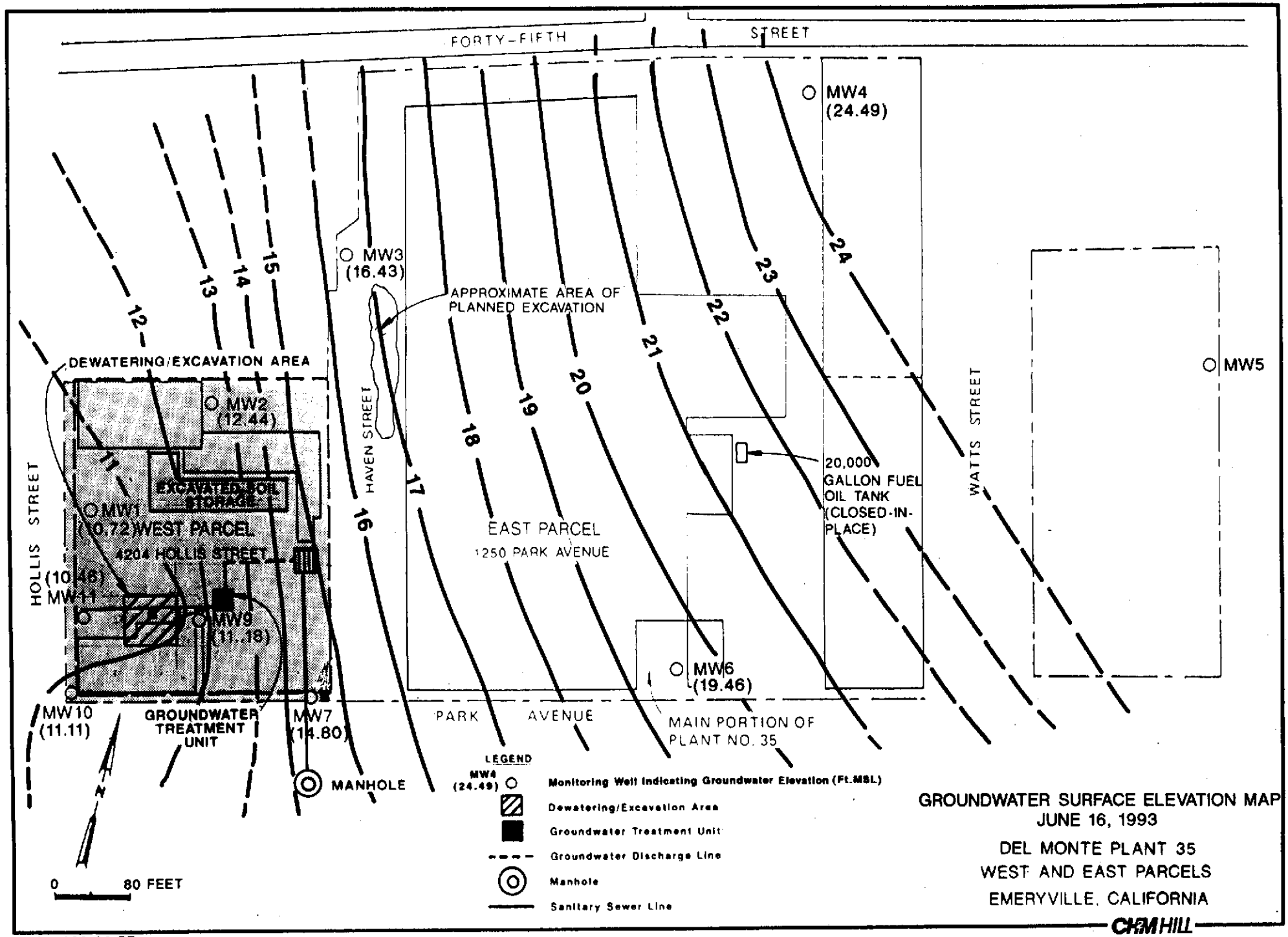


FIGURE 6
DISTRIBUTION OF PETROLEUM HYDROCARBONS IN GROUNDWATER
DEL MONTE/KAISER INVESTIGATION (Phase 1)
DEL MONTE PLANT NO. 35
EMERYVILLE, CALIFORNIA

GEMHILL

SFO28830.P1

Appendix A
Groundwater Surface Elevation Map



SFO28830.A2.ZZ

Appendix B
Analytical Laboratory Reports

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 19, 1993

Mr. Bern Baumgartner
CH2M HILL
1111 Broadway, Suite 1200
Oakland, CA 94607-4046

Dear Mr. Baumgartner:

Gary Cook informed me that holding times were missed for several of your samples for gas/BTEX and TEPH analyses on the Del Monte 35 project. The samples were originally put on hold for several days. The release from "hold" was missed by the analyst, and the samples were run after the holding times had expired. The samples involved were the following:

File No.	9310326
Project No.	SF028830.KS.ZZ
Sampling Date:	10/25/93
Test:	Gas/BTEX
Samples:	A3-SB-01-7.5
	A3-SB-02-6.5
	A3-SB-03-5.5
	A3-SB-04-5.5
	A3-SB-05-5.5
	A3-SS-02-1.0
	A20-K-02

File No.	9310327
Project No.	SF028830.P1.FW
Sampling Date:	10/25/93
Test:	Gas/BTEX
Samples:	A19-SS-06-2.5
	A19-SS-08-2.5
	A1-DM-01

File No.	9310357
Project No.	SF028830.KS.ZZ
Sampling Date:	10/28/93
Test:	TEPH
Samples:	A20-K5-4.0
	A20-K4-7.0

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

Corrective action has been taken. For the BTEX analyses, EPA 8240 (mass spectrometry) was performed. Analyses by GC/MS were within holding time. Therefore, the BTEX results are valid. Gasoline was analyzed on November 10, 1993, two days out of holding time.

The results for TEPH analyses were performed outside the holding. However, the results could be compared with the EPA 418.1 results which were analyzed within the required time period.

Our Laboratory is set up to routinely handle situations such as these, but unfortunately an error occurred in this case. I am sorry for the inconvenience it has caused you. ChromaLab will be happy to pay for any re-sampling and reanalyses required for these samples. If you have further questions, please feel free to contact me or Gary Cook.

Sincerely,
ChromaLab, Inc.

Jill Thomas
Quality Assurance Manager

SUBM #: 9310254
CLIENT: CH2MHIL
DUE: 10/28/93
REF: 13796

037

1 of 1

CH2M HILL QUALITY ANALYTICS

CHAIN OF CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME
SF0288300.KS.27	Del Monte 35

CLIENT NAME: Del Monte/CH2M HILL

PROJECT MANAGER: Bern Baumgartner

COPY TO: Varda Blum

REQUESTED COMP. DATE: Standard Turnaround

SAMPLING REQUIREMENTS: SDWA ☐ NPDES ☐ RCRA ☐ OTHER ____

CLIENT ADDRESS AND

FOR LAB USE ONLY

LAB#

LAB#

PROJECT NO.

ACK | VERIFIED

QUOTE# | BS

NO. OF SAMP | PG | OF

STA NO.	DATE	TIME	COMP	GRAB	SOIL	SAMPLE DESCRIPTIONS (12 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: Gas/BTEX 8015	Extractables 8015	Halocarbons 8010	pH	LAB ID
	10/20/93	1230			X	A3-SS-01-0.5	1	X	X	X	X	
		1505			X	A3-SS-03-0.5	1	X	X	X		
		1433			X	A3-SS-07-0.5	1	X	X	X		
		1435			X	A3-SS-07D-0.5	1	X	X	X		
		1415			X	A3-SS-08-0.5	1	X	X	X		
		1455			X	A3-SS-09-0.5	1	X	X	X		
		1640			X	A3-SS-11-0.5	1	X	X	X		
		1720			X	A3-SS-12-0.5	1	X	X	X		
		1610			X	A3-SS-13-0.5	1	X	X	X		
		1735			X	A3-SS-14-0.5	1	X	X	X		
		1005			X	A3-SS-15-0.5	1	X	X	X	X	
		910			X	A3-SS-18-0.5	1	X	X	X	X	
		1120			X	A3-SS-19-0.2	1	X	X	X	X	
		1120			X	A3-SS-19-2.0	1	X	X	X	X	
	10/20/93	1120			X	A3-SS-20-0.5	1	X	X	X		

REMARKS

SAMPLED BY AND TITLE: Varda Blum/Chemist	DATE/TIME: 10/20/93	RELINQUISHED BY: Varda Blum	DATE/TIME: 10/21/93 1040	HAZWRAP/NEESA Y N
RECEIVED BY: Chemical Chemist	DATE/TIME: 10/21/93	RELINQUISHED BY:	DATE/TIME	QC LEVEL 1 2 3
RECEIVED BY:	DATE/TIME	RELINQUISHED BY:	DATE/TIME	COC / ICE / ANA REQ / TEMP / CUST SEAL / Ph / SAMPLE COND.
RECEIVED BY LAB:	DATE/TIME	SAMPLE SHIPPED VIA: UPS BUS FED-EX HAND OTHER ____	AIR BILL#	

REMARKS

ENTERED INTO LIMS _____ COC REVIEWED _____

CH2M HILL

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

1 of 1

CH2M HILL Project #	SFO28831.KS22
Purchase Order #	
Project Name	Del Monte 35
Company Name/CH2M HILL Office	CH2M HILL/SFO
Project Manager & Phone #	Mr. [X] Ben Baumgartner Ms. [ ] Dr. [ ] (510)251-2426
Report Copy to:	Varda Blum
Requested Completion Date:	Standard Turnaround
Sampling Requirements	SDWA [ ] NPDES [ ] RCRA [ ] OTHER [ ]
Sample Disposal:	Dispose [ ] Return [ ]

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	Gas/BTEX 8015	Extractables 8015	Halocarbons 8010	pH
10/20/93	1240		X		X	A3-SB-01-05	1	X	X	X	X
	1530		X		X	A3-SB-03-05	1	X	X	X	
	1435		X		X	A3-SB-04-05	1	X	X	X	
10/20/93	1255		X		X	A3-SB-05-05	1	X	X	X	X
						TRIP BLANK					

HOLD

LAB TEST CODES

ANALYSES REQUESTED

SHADED AREA -- FOR LAB USE ONLY

Lab 1 #	Lab 2 #
Quote #	Kit Request #
Project #	
No. of Samples	Page / of
COC Rev / Login / LIMS Ver / Ack Gen	
REMARKS	LAB 1 ID / LAB 2 ID

Sampled By & Title (Please sign and print name)	Varda Blum CH2M HILL	Date/Time	10/20/93
Received By (Please sign and print name)	[illegible]	Date/Time	10/21/93
Received By (Please sign and print name)		Date/Time	
Received By (Please sign and print name)		Date/Time	
Work Authorized By (Please sign and print name)		Remarks	

Relinquished By (Please sign and print name)	Varda Blum 10/21/93 (0800)	Date/Time	
Relinquished By (Please sign and print name)		Date/Time	
Relinquished By (Please sign and print name)		Date/Time	
Shipped Via	UPS BUS Fed-Ex Hand Other	Shipping #	

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other:

COC Rec	ICE
Ana Req	TEMP
Cust Seal	Ph

Instructions and Agreement Provisions on Reverse Side

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

REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 2, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: 19 samples for Gasoline and BTEX analysis.

Matrix: SOIL
Sampled on: October 20, 1993 *Analyzed on:* October 26, 1993
Method: EPA 5030/8015/8020 *Run#:* 1271

Lab # SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34018 A3-SS-01-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34019 A3-SS-03-0.5	7.9	N.D.	N.D.	N.D.	7.1
34025 A3-SS-12-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34026 A3-SS-13-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34027 A3-SS-14-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34028 A3-SS-15-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34030 A3-SS-19-0.2*	49	N.D.	N.D.	N.D.	46
* Detection limit= 20 ug/kg for btex					
34031 A3-SS-19-2.0	3.9	N.D.	N.D.	N.D.	9.3
34032 A3-SS-20-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34034 A3-SB-03-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34036 A3-SB-05-0.5	N.D.	N.D.	N.D.	N.D.	N.D.

Matrix: SOIL
Sampled on: October 20, 1993 *Analyzed on:* October 25, 1983
Method: EPA 5030/8015/8020 *Run#:* 1238

Lab # SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34020 A3-SS-07-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34021 A3-SS-07D-0.6	N.D.	N.D.	N.D.	N.D.	N.D.
34022 A3-SS-08-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34023 A3-SS-09-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34024 A3-SS-11-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34029 A3-SS-18-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34033 A3-SB-01-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34035 A3-SB-04-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	1.0	5.0	5.0	5.0	5.0
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	105	103	110	113	114

ChromaLab, Inc.

Jack Kelly
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File No.: 9310254
(REVISED 11/12/93)

CH2M HILL

Attn: B. Baumgartner/Varda Blum

RE: Nineteen soil samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 20, 1993 Date Submitted: October 21, 1993
Date Extracted: October 27, 1993 Date Analyzed: October 27, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel* (mg/Kg)	Motor Oil (mg/Kg)
A3-SS-01-0.5	48	N.D.	52
A3-SS-03-0.5	60	N.D.	17
A3-SS-07-0.5	N.D.	N.D.	76
A3-SS-07D-0.6	N.D.	N.D.	48
A3-SS-08-0.5	N.D.	2.7	N.D.
A3-SS-09-0.5	N.D.	3.3	N.D.
A3-SS-11-0.5	N.D.	4.4	N.D.
A3-SS-12-0.5	N.D.	5.1	N.D.
A3-SS-13-0.5	N.D.	7.1	N.D.
A3-SS-14-0.5	N.D.	23	74
A3-SS-15-0.5	N.D.	N.D.	N.D.
A3-SS-18-0.5	N.D.	N.D.	N.D.
A3-SS-19-0.2	110	N.D.	85
A3-SS-19-2.0	91	N.D.	70
A3-SS-20-0.5	N.D.	N.D.	N.D.
A3-SB-01-0.5	N.D.	N.D.	N.D.
A3-SB-03-0.5	N.D.	N.D.	N.D.
A3-SB-04-0.5	N.D.	N.D.	N.D.
A3-SB-05-0.5	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	----	97%	----
DUP SPIKE RECOVERY	----	83%	----
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

*Unknown hydrocarbon found in late diesel range quantified as diesel

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993

ChromaLab File No.: 9310254
(revised 11/3/93)

CH2M HILL

Attn: B. Baumgartner/Varda Blum

RE: Seven soil samples for pH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 20, 1993 Date Submitted: October 21, 1993
Date Analyzed: October 26, 1993

RESULTS:

Sample I.D.	pH Units
A3-SS-01-0.5	7.6
A3-SS-15-0.5	8.2
A3-SS-18-0.5	7.3
A3-SS-19-0.2	7.6
A3-SS-19-2.0	8.1
A3-SB-01-0.5	8.1
A3-SB-05-0.5	8.5
BLANK	7.0
METHOD OF ANALYSIS	EPA 9045

ChromaLab, Inc.

Carolyn M. House
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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-01-0.5** *Matrix:* SOIL
Lab #: 34018-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

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Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-03-0.5** *Matrix:* SOIL
Lab #: 34019-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-07-0.5** *Matrix:* SOIL
Lab #: 34020-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-07D-0.6** *Matrix:* SOIL
Lab #: 34021-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-08-0.5** *Matrix:* SOIL
Lab #: 34022-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-09-0.5** *Matrix:* SOIL
Lab #: 34023-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-11-0.5** *Matrix:* SOIL
Lab #: 34024-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-12-0.5** *Matrix:* SOIL
Lab #: 34025-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-13-0.5** *Matrix:* SOIL
Lab #: 34026-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-14-0.5** *Matrix:* SOIL
Lab #: 34027-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-15-0.5** *Matrix:* SOIL
Lab #: 34028-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-18-0.5** *Matrix:* SOIL
Lab #: 34029-1283 *Sampled:* October 20, 1993 *Analyzed:* October 26, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	122
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	91
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	144
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-19-0.2** *Matrix:* SOIL
Lab #: 34030-1304 *Sampled:* October 20, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	92
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	84
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	88
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993

ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-19-2.0** *Matrix:* SOIL
Lab #: 34031-1304 *Sampled:* October 20, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	92
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	84
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	88
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993

ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-20-0.5** *Matrix:* SOIL
Lab #: 34032-1304 *Sampled:* October 20, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	92
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	84
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	88
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-01-0.5** *Matrix:* SOIL
Lab #: 34033-1304 *Sampled:* October 20, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	92
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	84
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	88
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-03-0.5** *Matrix:* SOIL
Lab #: 34034-1304 *Sampled:* October 20, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	92
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	84
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	88
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-04-0.5** *Matrix:* SOIL
Lab #: 34035-1304 *Sampled:* October 20, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	92
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	84
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	88
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 28, 1993 ChromaLab File#: 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-05-0.5** *Matrix:* SOIL
Lab #: 34036-1304 *Sampled:* October 20, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	92
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	84
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	88
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

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Federal ID #68-0140157

CH2M HILL

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

T3822

CH2M HILL Project # 9F0288.30.K3 | Purchase Order #

Project Name: Del Monte

Company Name/CH2M HILL Office: Del Monte / CHEM HILL

Project Manager & Phone # — Mr. H Bern / Ms. [ ] / Dr. [ ] Baumgartner | Report Copy to:

Requested Completion Date: NORMAL TAT

Sampling Requirements: SDWA NPDES RCRA OTHER

Sample Disposal: Dispose Return

LAB TEST CODES

SUBM #: 9310277
CLIENT: CH2MHIL
DUE: 10/29/93
REF: 13822

SHADED AREA -- FOR LAB USE ONLY

Lab 2 #

Kit Request #

Project #

No. of Samples | Page | of

COC Rev | Login | LIMS Ver | Ack Gen

REMARKS | LAB 1 ID | LAB 2 ID

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	GAS/BTEX - EPA 8015	Extractables - 8015 EPA	Halogen Volatiles - 8010 EPA	pH	REMARKS
10/21/93	1015	X		X		A3SS10-0.5	1	X	X	X		
	1035					A3SS16-0.5	1	X	X	X		
						A3SS17-0.5	1	X	X	X	X	
	1001					A3SB02D-0.5	1	X	X	X		
	1001					A3SB02-0.5	1	X	X	X		
10/22/93	11:45	X		X		A3SS06-0.5	1	X	X	X		
10/24/93				X		TRIPBLANK	1					HCL D

Sampled By / Title (Please sign and print name): H Bern — Date/Time: 10/22/93

Received By (Please sign and print name): — Date/Time: 10/20/93 15:30

Relinquished By (Please sign and print name): H Bern — Date/Time: 10/22/93

Relinquished 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 BUS Fed-Ex Hand Other — Shipping #:

Work Authorized By (Please sign and print name):

Remarks:

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other:

COC Rec | ICE

Ana Req | TEMP

Cust Seal | Ph

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993

ChromaLab File No.: 9310277
Submission #: 9310000277

CH2M HILL

Attn: BERN BAUMGARTNER

RE: One soil sample for pH analysis.

Project Name: DEL MONTE
Project Number: SFO 28830 KS
Date Sampled: October 21, 1993 Date Submitted: October 22, 1993
Date Analyzed: October 29, 1993

RESULTS:

Sample I.D.	pH Units
A3-SS-17-0.5	8.3
BLANK	7.0
METHOD OF ANALYSIS	EPA 9045

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

jm

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-10-0.5** *Matrix:* SOLID
Lab #: 34253-1336 *Sampled:* October 21, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	84
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	80
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	78
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-16-0.5** *Matrix:* SOLID
Lab #: 34254-1336 *Sampled:* October 21, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	84
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	80
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	78
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-17-0.5** *Matrix:* SOLID
Lab #: 34255-1336 *Sampled:* October 21, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	84
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	80
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	78
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-02D-0.5** *Matrix:* SOLID
Lab #: 34256-1336 *Sampled:* October 21, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	84
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	80
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	78
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-02-0.5** *Matrix:* SOLID
Lab #: 34257-1336 *Sampled:* October 21, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	84
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	80
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	78
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-06-0.5** *Matrix:* SOLID
Lab #: 34258-1336 *Sampled:* October 22, 1993 *Analyzed:* October 27, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	84
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	80
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	78
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	120
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--

ChromaLab, Inc.

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Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 1, 1993 ChromaLab File#: 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: 6 samples for Gasoline and BTEX analysis.

Matrix: SOLID
Sampled on: October 22, 1993 *Analyzed on:* October 26, 1993
Method: EPA 5030/8015/8020 *Run#:* 1272

Lab # SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34258 A3-SS-06-0.5	N.D.	N.D.	N.D.	N.D.	N.D.

Matrix: SOLID
Sampled on: October 21, 1993 *Analyzed on:* October 26, 1993
Method: EPA 5030/8015/8020 *Run#:* 1272

Lab # SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34253 A3-SS-10-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34254 A3-SS-16-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34255 A3-SS-17-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34256 A3-SB-02D-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
34257 A3-SB-02-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	1.0	5.0	5.0	5.0	5.0
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	112	103	101	109	110

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 1, 1993 ChromaLab File No.: 9310277

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Six soil samples for TEPH analysis

Project Name: DEL MONTE
Project Number: SFO 28830 KS
Date Sampled: October 21, 1993 Date Submitted: October 22, 1993
Date Extracted: October 28, 1993 Date Analyzed: October 28, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A3-SB-02-0.5	N.D.	N.D.	N.D.
A3-SB-02D-0.5	N.D.	N.D.	N.D.
A3-SS-06-0.5	N.D.	N.D.	N.D.
A3-SS-10-0.5	N.D.	N.D.	19
A3-SS-16-0.5	N.D.	N.D.	N.D.
A3-SS-17-0.5	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	----	98%	----
DUP SPIKE RECOVERY	----	86%	----
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

cc

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Federal ID #68-0140157

CH2M HILL

QUALITY ANALYTICAL LABORATORIES

9310328 order #7387

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

CH2M HILL Project #	SF028830.KS.ZZ
Purchase Order #	
Project Name	Del Monte 35
Company Name/CH2M HILL Office	CH2M HILL SFO
Project Manager & Phone #	Mr. [X] Ben Baumgartner Ms. [ ] Dr. [ ]
Report Copy to:	Ms Varda Blum
Requested Completion Date:	Standard Turnaround
Sampling Requirements	SDWA NPDES RCRA OTHER ☐ ☐ ☐ ___
Sample Disposal:	Dispose ☐ Return ☐

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	Gas/BTEX 8015	Extractables 8015	Halocarbons 8010	pH 150.1
10/25/93	1008				X	A3-SB-01-75		X	X	X	X
	925				X	A3-SB-02-65		X	X	X	
	1455				X	A3-SB-03-55		X	X	X	
	1512				X	A3-SB-04-55		X	X	X	
10/25/93	850				X	A3-SB-05-55		X	X	X	X
10/25/93	937				X	A3-SS-02-10		X	X	X	

LAB TEST CODES

SHADED AREA – FOR LAB USE ONLY

Lab 1 #	Lab 2 #
Cucio #	Kit Request #
Project #	
No. of Samples	Page / of
COC Rev / Login / LIMS Ver / Ack Gen	
REMARKS	LAB 1 ID / LAB 2 ID

Sampled By & Title (Please sign and print name)	Varda Blum Varda Blum	Date/Time	10/25/93
Relinquished By (Please sign and print name)	Garrett (Latonya Garrett)	Date/Time	10/26/93
Received By (Please sign and print name)	B Morrow B Morrow	Date/Time	10/26/93 11:34
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	
Work Authorized By (Please sign and print name)		Remarks	

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other: ___

COC Rec / ICE

Ana Req / TEMP

Cust Seal / Ph

Shipped Via: UPS BUS Fed-Ex Hand Other ___ Shipping #

Instructions and Agreement Provisions on Reverse Side

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REV 11/92 FORM 340

CH2MHILL
QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY REC

SUBM #: 9310326
CLIENT: CH2MHIL
DUE: 11/02/93
REF: 13877

Order # 13876 13877

CH2M HILL Project #: SFD28830.KS.ZZ
Purchase Order #:
Project Name: Del Monte 35
Company Name/CH2M HILL Office: SFO/CH2M HILL
Project Manager & Phone #: Mr. [X] Bern Baumgartner; Ms. [ ]; Dr. [ ]
Report Copy to: Varda Blum
Requested Completion Date: Standard TAT
Sampling Requirements: SDWA [ ] NPDES [ ] RCRA [ ] OTHER ____
Sample Disposal: Dispose [ ] Return [ ]

FOR LAB USE ONLY
Lab 2 #:
Quote #:
Kit Request #:
Project #:
No. of Samples:
Page:
of:
COC Rev:
Login:
LIMS Ver:
Ack Gen:

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: EPA GAS/BTEX-8015	EPA Extract. - EPA 8015	EPA Halocarbons - 8010	REMARKS	LAB 1 ID	LAB 2 ID
10/25/93	1605		X	X		A20-K-02	5	X	X	X			

Sampled By & Title (Please sign and print name): Latonya Garrett (Latonya Garrett)
Date/Time: 10-26-93
Relinquished By (Please sign and print name): Latonya Garrett (Latonya Garrett)
Date/Time: 10-26-93

Received By (Please sign and print name): B. Marrow B. Marrow
Date/Time: 10/26/93 11:34
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 BUS Fed-Ex Hand Other ____
Shipping #:

Work Authorized By (Please sign and print name):
Remarks:

HAZWRAP/NESSA: Y N
QC Level: 1 2 3 Other: ____
COC Rec | ICE
Ana Req | TEMP
Cust Seal | Ph

Instructions and Agreement Provisions on Reverse Side

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

REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 11, 1993 ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: 6 samples for Gasoline and BTEX analysis.

Matrix: SOIL
Sampled on: October 25, 1993 *Analyzed on:* November 10, 1993
Method: EPA 5030/8015/8020 *Run#:* 1480

Lab #	SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34664	A3-SB-03-5.5	N.D.	N.D.	N.D.	N.D.	N.D.
34665	A3-SB-04-5.5	N.D.	N.D.	N.D.	N.D.	N.D.
34666	A3-SS-02-1.0	N.D.	N.D.	N.D.	N.D.	N.D.

Matrix: SOIL
Sampled on: October 25, 1993 *Analyzed on:* November 10, 1993
Method: EPA 5030/8015/8020 *Run#:* 1478

Lab #	SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34661	A3-SB-01-7.5	N.D.	N.D.	N.D.	N.D.	N.D.
34662	A3-SB-05-5.5	N.D.	N.D.	N.D.	N.D.	N.D.
34663	A3-SB-02-6.5	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS		1.0	5.0	5.0	5.0	5.0
BLANK		N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)		103	106	105	105	106

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 16, 1993

ChromaLab File No.: 9310326
REVISED November 22, 1993

CH2M HILL

Attn: B. Baumgartner/V. Blum

RE: Six soil samples for BTEX analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 25, 1993 Date Submitted: October 26, 1993
Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)
A3-SB-01-7.5	N.D.	N.D.	N.D.	N.D.
A3-SB-02-6.5	N.D.	N.D.	N.D.	N.D.
A3-SB-03-5.5	N.D.	N.D.	N.D.	N.D.
A3-SB-04-5.5	N.D.	N.D.	N.D.	N.D.
A3-SB-05-5.5	N.D.	N.D.	N.D.	N.D.
A3-SS-02-1.0	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	81%	89%	92%	---
DUP SPIKE RECOVERY	81%	92%	91%	---
DETECTION LIMIT	5.0	5.0	5.0	5.0
METHOD OF ANALYSIS	8240	8240	8240	8040

ChromaLab, Inc.

David Wintergrass /JP
David Wintergrass
Analytical Chemist

Eric Tam /JP
Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9310326
(revised 11/12/93)

CH2M HILL

Attn: B. Baumgartner/V. Blum

RE: Six soil samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 25, 1993 Date Submitted: October 26, 1993
Date Extracted: October 29, 1993 Date Analyzed: October 29, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A3-SB-01-7.5	N.D.	3.0*	N.D.
A3-SB-02-6.5	N.D.	N.D.	N.D.
A3-SB-03-5.5	N.D.	N.D.	N.D.
A3-SB-04-5.5	N.D.	N.D.	N.D.
A3-SB-05-5.5	N.D.	N.D.	N.D.
A3-SS-02-1.0	N.D.	N.D.	N.D.
	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	---	97%	---
DUP SPIKE RECOVERY	---	99%	---
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

*Unknown hydrocarbon found in early diesel range quantified as diesel.

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 22, 1993 ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-01-7.5** *Matrix:* SOIL
Lab #: 34661-1362 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	76
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	--
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	100
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5	N.D.	97
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 22, 1993 ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-05-5.5** *Matrix:* SOIL
Lab #: 34662-1362 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	76
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	--
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	100
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5	N.D.	97
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

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Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 22, 1993 ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-02-6.5** *Matrix:* SOIL
Lab #: 34663-1362 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	76
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	--
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	100
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5	N.D.	97
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 22, 1993

ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-03-5.5** *Matrix:* SOIL
Lab #: 34664-1362 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	76
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	--
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	100
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5	N.D.	97
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 22, 1993 ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SB-04-5.5** *Matrix:* SOIL
Lab #: 34665-1362 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	76
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	--
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	100
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5	N.D.	97
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 22, 1993

ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-02-1.0** *Matrix:* SOIL
Lab #: 34666-1362 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	76
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	--
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	89
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	8.0	5	N.D.	100
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	--
1,3-DICHLOROBENZENE	N.D.	5	N.D.	97
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 2, 1993 ChromaLab File No.: 9310326

CH2M HILL

Attn: B. Baumgartner/V. Blum

RE: Two soil samples for pH analysis.

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 25, 1993 Date Submitted: October 26, 1993
Date Analyzed: November 2, 1993

RESULTS:

Sample I.D.	pH Units
A3-SB-01-7.5	8.3
A3-SB-05-5.5	8.1
BLANK	7.0
METHOD OF ANALYSIS	EPA 9045

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

cc

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 11, 1993 ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

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re: 1 sample for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: October 25, 1993 *Analyzed on:* November 10, 1993
Method: EPA 5030/8015/602 *Run#:* 1342

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
34660 A20-K-02	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	110	104	102	109	108

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 16, 1993

ChromaLab File No.: 9310326
REVISED November 22, 1993

CH2M HILL

Attn: B. Baumgartner/V. Blum

RE: One water sample for BTEX analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 25, 1993 Date Submitted: October 26, 1993
Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)
A20-K-02	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	81%	89%	92%	---
DUP SPIKE RECOVERY	81%	92%	91%	---
DETECTION LIMIT	0.5	0.5	0.5	0.5
METHOD OF ANALYSIS	8240	8240	8240	8040

ChromaLab, Inc.

David Wintergrass
Analytical Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9310326
(revised 11/12/93)

CH2M HILL

Attn: B. Baumgartner/V. Blum

RE: One water sample for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 25, 1993 Date Submitted: October 26, 1993
Date Extracted: October 29, 1993 Date Analyzed: October 29, 1993

RESULTS:

Sample I.D.	Kerosene (µg/L)	Diesel (µg/L)	Motor Oil (mg/L)
A20-K-02	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	---	97%	---
DUP SPIKE RECOVERY	---	95%	---
DETECTION LIMIT	50	50	0.5
METHOD OF ANALYSIS	3510/8015	3510/8015	3510/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 2, 1993 ChromaLab File#: 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-K-02** *Matrix:* WATER
Lab #: 34660-1364 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

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.	78
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	89
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.	100
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	107
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHMHILL

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECO

SUBM #: 9310327
CLIENT: CH2MHIL
DUE: 11/02/93
REF: 13878

CH2M HILL Project #	SF92883.P1.FW
Purchase Order #	
Project Name	Del Monte 35
Company Name/CH2M HILL Office	SF CH2M HILL
Project Manager & Phone #	Mr. [ ] Ms. [ ] Dr. [ ] Bern Baumgartner
Report Copy to:	Varda Burn
Requested Completion Date:	Standard Turnaround
Sampling Requirements	SDWA NPDES RCRA OTHER ☐ ☐ ☐ ___
Sample Disposal:	Dispose ☐ Return ☐

FOR LAB USE ONLY: Lab 2 #; Quote #; Kit Request #; Project #; No. of Samples; Page; of; COC Rev; Login; LIMS Ver; Ack Gen

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: Gas/BTEX 8015	ANALYSES REQUESTED: TRPH 418.1	REMARKS	LAB 1 ID	LAB 2 ID
10/25/93	1228				X	A19-SS-01-3.5			X			
	1235				X	A19-SS-02-2.5			X			
	1250				X	A19-SS-03-3.5			X			
	1300				X	A19-SS-04-3.0			X			
	1325				X	A19-SS-05-2.5			X			
	1340				X	A19-SS-06-2.5		X	X			
	1351				X	A19-SS-07-3.5			X			
	1410				X	A19-SS-08-2.5		X	X			
	1422				X	A19-SS-09-3.5			X			
10/25/93	1436				X	A19-SS-10-3.5			X			
10/25/93				X		TRIP BLANK 02				HOLD		

Sampled By & Title (Please sign and print name)	R Garrett Catonya Garrett	Date/Time	10/26/93	Relinquished By (Please sign and print name)	R Garrett Catonya Garrett
Received By (Please sign and print name)	B. Monroe	Date/Time	10/26/93 11:34	Relinquished By (Please sign and print name)	
Received By (Please sign and print name)		Date/Time		Relinquished By (Please sign and print name)	
Received By (Please sign and print name)		Date/Time		Shipped Via: UPS BUS Fed-Ex Hand Other___	Shipping #
Work Authorized By (Please sign and print name)		Remarks			

Date/Time: 10/26/93 (Relinquished By)

HAZWRAP/NESSA: Y N
QC Level: 1 2 3 Other: ___
COC Rec | ICE
Ana Req | TEMP
Cust Seal | Ph

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 11, 1993 ChromaLab File#: 9310327

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 26, 1993

re: 2 samples for Gasoline and BTEX analysis.

Matrix: SOIL
Sampled on: October 25, 1993 *Analyzed on:* November 10, 1993
Method: EPA 5030/8015/8020 *Run#:* 1479

Lab # SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34675 A19-SS-06-2.5	N.D.	N.D.	N.D.	N.D.	N.D.
34676 A19-SS-08-2.5	32	N.D.	17	51	140
DETECTION LIMITS	1.0	5.0	5.0	5.0	5.0
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	101	101	100	103	101

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 2, 1993 ChromaLab File No.: 9310327

CH2M HILL

Attn: B. Baumgartner/V. Blum

RE: Ten soil samples for Total Recoverable Petroleum Hydrocarbon (TRPH) analysis by EPA 418.1

Project Name: DEL MONTE 35
Project Number: SFO28830.P1.FW
Date Sampled: October 25, 1993 Date Submitted: October 26, 1993
Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Total Recoverable Petroleum Hydrocarbon (mg/Kg)
A19-SS-01-3.5	N.D.
A19-SS-02-2.5	N.D.
A19-SS-03-3.5	N.D.
A19-SS-04-3.0	N.D.
A19-SS-05-2.5	N.D.
A19-SS-07-3.5	N.D.
A19-SS-09-3.5	N.D.
A19-SS-10-3.5	N.D.
A19-SS-06-2.5	13
A19-SS-08-2.5	1500
BLANK	N.D.
DETECTION LIMIT	10
METHOD OF ANALYSIS	EPA 418.1

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

cc

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHMHILL

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

CH2M HILL Project # SF028830.P1.FW	Purchase Order #
Project Name: Del Monte 35	
Company Name/CH2M HILL Office: SFO/CH2M HILL	
Project Manager & Phone # Mr. [ ] Ms. [ ] Dr. [ ] Baumgartner	Report Copy to: VARDA BLUM
Requested Completion Date: Standard TAT	Sampling Requirements: SDWA ☐ NPDES ☐ RCRA ☐ OTHER ___
	Sample Disposal: Dispose ☐ Return ☐

FOR LAB USE ONLY: Lab # | Lab 2 # | Quote # | Kit Request #

Project #

No. of Samples | Page | of

COC Rev | Login | LIMS Ver | Ack Gen

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: EPA Gas/BTEX - 8015	ANALYSES REQUESTED: EPA Halocarbons - 8010	REMARKS	LAB 1 ID	LAB 2 ID
10/25/93	16:05		X	X		A1-DM-01	4	X	X			

Sampled By & Title (Please sign and print name): Catonya Garrett	Date/Time: 10/26/93	Relinquished By (Please sign and print name): Catonya Garrett	Date/Time: 10-26-93	HAZWRAP/NESSA: Y N
Received By (Please sign and print name): R. Morrow	Date/Time: 10/26/93 11:35	Relinquished By (Please sign and print name):	Date/Time:	QC Level: 1 2 3 Other: ___
Received By (Please sign and print name):	Date/Time:	Relinquished By (Please sign and print name):	Date/Time:	COC Rec / ICE; Ana Req / TEMP; Cust Seal / Ph
Received By (Please sign and print name):	Date/Time:	Shipped Via: UPS BUS Fed-Ex Hand Other ___	Shipping #:	
Work Authorized By (Please sign and print name):	Remarks:			

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 2, 1993 ChromaLab File#: 9310327

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 26, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A1-DM-01** *Matrix:* WATER
Lab #: 34678-1364 *Sampled:* October 25, 1993 *Analyzed:* November 1, 1993
Method: EPA 8010

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.	78
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	89
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.	100
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	107
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 11, 1993 ChromaLab File#: 9310327

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 26, 1993

---

re: 1 sample for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: October 25, 1993 *Analyzed on:* November 10, 1993
Method: EPA 5030/8015/602 *Run#:* 1342

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
34678 A1-DM-01	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	110	104	102	109	108

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 16, 1993 ChromaLab File No.: 9310327

CH2M HILL

Attn: B. Baumgartner/V. Blum

RE: One water sample for BTEX analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.P1.FW
Date Sampled: October 25, 1993 Date Submitted: October 26, 1993
Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)
A1-DM-O1	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	81%	89%	92%	---
DUP SPIKE RECOVERY	81%	92%	91%	---
DETECTION LIMIT	0.5	0.5	0.5	0.5
METHOD OF ANALYSIS	8240	8240	8240	8040

ChromaLab, Inc.

David Wintergrass/93 Eric Tam/93

David Wintergrass
Analytical Chemist

Eric Tam
Laboratory Director

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(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CH2MHILL

QUALITY ANALYTICAL LABORATORIES — **CHAIN OF CUSTODY RECO**

SUBM #: 9310345
CLIENT: CH2MHIL
DUE: 11/03/93
REF: 13898

5898
345/34922
34934

CH2M HILL Project #: SF028830.KS.ZZ
Purchase Order #:
Project Name: Del Monte 35
Company Name/CH2M HILL Office: SFO/CH2M HILL
Project Manager & Phone #: Mr. [X] Burn Ms. [ ] Dr. [ ] Baumgartner
Report Copy to: Varda Blum
Requested Completion Date: Standard Turnaround
Sampling Requirements: SDWA NPDES RCRA OTHER
Sample Disposal: Dispose Return

FOR LAB USE ONLY: Lab 2 #; Quote #; Kit Request #; Project #; No. of Samples; Page; of; COC Rev; Login; LIMS Ver; Acct. Gen; REMARKS; Lab 1 ID; Lab 2 ID

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: Gas/BTEX 8015	Extractables 8015	Halocarbons 8010
10/26/93	1345				X	A1 0-S B-0 2-2.0	1	X	X	X
	1345				X	A1 0-S B-0 2-6.5	1	X	X	X
	1309				X	A1 0-S B-0 3-2.0	1	X	X	X
	1324				X	A1 0-S B-0 3-5.0	1	X	X	X
	1324				X	A1 0-S B-0 3-5.5D	1	X	X	X
	0750				X	A1 0-S B-1 4-2.5	1	X	X	X
	0750				X	A1 0-S B-0 4-6.0	1	X	X	X
	850				X	A1 0-S B-0 5-2.5	1	X	X	X
	855				X	A1 0-S B-0 5-5.5	1	X	X	X
	1150				X	A1 0-S B-0 6-2.5	1	X	X	X
10/26/93	1154				X	A1 0-S B-0 6-6.0	1	X	X	X

Sampled By & Title (Please sign and print name): Varda Blum Varda Blum	Date/Time: 10/26/93	Relinquished By (Please sign and print name): Varda Blum Varda Blum	Date/Time: 8 AM 10/27/93
Received By (Please sign and print name): B. Morrow B. Morrow	Date/Time: 10/26/93	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 BUS Fed-Ex Hand Other	Shipping #:
Work Authorized By (Please sign and print name):	Remarks:		

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CH2MHILL

QUALITY ANALYTICAL LABORATORIES

9310345 Order # 13848

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

CH2M HILL Project #	SF0288830.KS.33
Purchase Order #	
Project Name	Del monte 35
Company Name/CH2M HILL Office	CH2M HILL/SFO
Project Manager & Phone #	Mr. [X] Ben Baumgartner Ms. [ ] Dr. [ ]
Report Copy to:	Varda Blum
Requested Completion Date:	Standard Turnaround
Sampling Requirements	SDWA NPDES RCRA OTHER ☐ ☐ ☐ ____
Sample Disposal:	Dispose ☐ Return ☐

LAB TEST CODES

SHADED AREA – FOR LAB USE ONLY

Lab 1 # | Lab 2 #

Cooler # | Kit Request #

Project #

No. of Samples | Page | of

COC Rev | Login | LIMS Ver | Ack Gen

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: Gas/BTEX 8015	Extractables 8015	Halocarbons 8010	REMARKS	LAB 1 ID	LAB 2 ID
10/26/93	1530				X	A10-SB-07-2.0	1	X	X	X			
10/26/93	1540				X	A10-SB-07-6.0	1	X	X	X			

Sampled By & Title (Please sign and print name)	Varda Blum Varda Blum	Date/Time	10/26/93	Relinquished By (Please sign and print name)	Varda Blum
Received By (Please sign and print name)	R. Worrall R. Worrall	Date/Time	10/27/93	Relinquished By (Please sign and print name)	
Received By (Please sign and print name)		Date/Time		Relinquished By (Please sign and print name)	
Received By (Please sign and print name)		Date/Time		Shipped Via UPS BUS Fed-Ex Hand Other____	Shipping #
Work Authorized By (Please sign and print name)		Remarks			

Date/Time: 10/27/93 8 AM

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other: ____

COC Rec | ICE

Ana Req | TEMP

Cust Seal | Ph

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: 13 samples for Gasoline and BTEX analysis.

Matrix: SOIL
Sampled on: October 26, 1993 *Analyzed on:* November 8, 1993
Method: EPA 5030/8015/8020 *Run#:* 1391

Lab #	SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34922	A10-SB-02-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
34923	A10-SB-02-6.5	N.D.	N.D.	N.D.	N.D.	N.D.
34924	A10-SB-03-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
34925	A10-SB-03-5.0	N.D.	N.D.	N.D.	N.D.	N.D.
34926	A10-SB-03-5.5D	N.D.	N.D.	N.D.	N.D.	N.D.
34927	A10-SB-04-2.5	N.D.	N.D.	N.D.	N.D.	N.D.
34928	A10-SB-04-6.0	N.D.	N.D.	N.D.	N.D.	N.D.
34929	A10-SB-05-2.5	N.D.	N.D.	N.D.	N.D.	N.D.
34930	A10-SB-05-5.5	N.D.	N.D.	N.D.	N.D.	N.D.
34931	A10-SB-06-2.5	N.D.	N.D.	N.D.	N.D.	N.D.
34932	A10-SB-06-6.0	N.D.	N.D.	N.D.	N.D.	N.D.
34933	A10-SB-07-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
34934	A10-SB-07-6.0	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS		1.0	5.0	5.0	5.0	5.0
BLANK		N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)		104	114	104	106	109

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9310345
(revised 11/12/93)

CH2M HILL

Attn: Bern Baumgartner

RE: Thirteen soil samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: October 26, 1993 Date Submitted: October 27, 1993
Date Extracted: November 1, 1993 Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A10-SB-02-2.0	N.D.	N.D.	N.D.
A10-SB-02-6.5	N.D.	N.D.	N.D.
A10-SB-03-2.0	N.D.	N.D.	N.D.
A10-SB-03-5.0	N.D.	N.D.	N.D.
A10-SB-03-5.5D	N.D.	N.D.	N.D.
A10-SB-04-2.5	N.D.	N.D.	N.D.
A10-SB-04-6.0	N.D.	N.D.	N.D.
A10-SB-05-2.5	N.D.	N.D.	N.D.
A10-SB-05-5.5	N.D.	N.D.	N.D.
A10-SB-06-2.5	N.D.	N.D.	N.D.
A10-SB-06-5.0	N.D.	N.D.	N.D.
A10-SB-07-2.0	N.D.	N.D.	N.D.
A10-SB-07-6.0	N.D.	N.D.	260
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	---	106%	---
DUP SPIKE RECOVERY	---	111%	---
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-02-2.0** *Matrix:* SOIL
Lab #: 34922-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-02-6.5** *Matrix:* SOIL
Lab #: 34923-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

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Chemist

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-03-2.0** *Matrix:* SOIL
Lab #: 34924-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-03-5.0** *Matrix:* SOIL
Lab #: 34925-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-03-5.5D** *Matrix:* SOIL
Lab #: 34926-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

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Chemist

Eric Tam
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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-04-2.5** *Matrix:* SOIL
Lab #: 34927-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	30	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	22	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-04-6.0** *Matrix:* SOIL
Lab #: 34928-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	10	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-05-2.5** *Matrix:* SOIL
Lab #: 34929-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

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Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-05-5.5** *Matrix:* SOIL
Lab #: 34930-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-06-2.5** *Matrix:* SOIL
Lab #: 34931-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-06-6.0** *Matrix:* SOIL
Lab #: 34932-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-07-2.0** *Matrix:* SOIL
Lab #: 34933-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-07-6.0** *Matrix:* SOIL
Lab #: 34934-1481 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	83
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	87
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

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CHEMHILL
QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECOR

SUBM #: 9310346
CLIENT: CH2MHIL
DUE: 11/03/93
REF: 13899

346 | 34935-34938

FOR LAB USE ONLY
Lab 2 #

CH2M HILL Project #: SFD288301.P1.FW
Purchase Order #:
Project Name: Del Monte 35
Company Name/CH2M HILL Office: SFO/CHEM HILL
Project Manager & Phone #: Mr. [X] Bern Baumgartner; Ms. [ ]; Dr. [ ]
Report Copy to: Carol Blum
Requested Completion Date: Standard TAT
Sampling Requirements: SDWA NPDES RCRA OTHER
Sample Disposal: Dispose Return
Quote #:
Kit Request #:
Project #:
No. of Samples:
Page / of
COC Rev / Login / LIMS Ver / Ack Gen

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: EPA GAS/BTEX-8015	EPA Extract.-8015	EPA Halocarbon 8010	REMARKS	LAB 1 ID	LAB 2 ID
10/26/93	1110		X	X		A20-DM-04	5	X	X	X	HCl preserv.		
10/26/93	1440		X	X		A20-DMM-05	5	X	XX	X			
10/26/93	1630		X	X		A20-DM-06	5	XX	X	X			
10/26/93	1705		X	X		EQUIPBLAN	5	X	X	X			

Relinquished By (Please sign and print name): Robert (Latonya Garrett) — Date/Time: 10-26-93
Received By (Please sign and print name): B. Morrow — Date/Time: 10/27/93
Relinquished By (Please sign and print name): Robert (Latonya Garrett) — Date/Time: 10/26/93
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:
Work Authorized By (Please sign and print name):

HAZWRAP/NESSA: Y N
QC Level: 1 2 3 Other:
COC Rec / ICE
Ana Req / TEMP
Cust Seal / Ph

Shipped Via: UPS BUS Fed-Ex Hand Other
Shipping #:
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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 3, 1993 ChromaLab File#: 9310346

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 27, 1993

re: 4 samples for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: October 26, 1993 *Analyzed on:* November 2, 1993
Method: EPA 5030/8015/602 *Run#:* 1357

Lab #	SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
34935	A20-DM-04	N.D.	N.D.	N.D.	N.D.	N.D.
34936	A20-DM-05	N.D.	N.D.	N.D.	N.D.	N.D.
34937	A20-DM-06	N.D.	N.D.	N.D.	N.D.	N.D.
34938	EQUIPBLANK	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS		50	0.5	0.5	0.5	0.5
BLANK		N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)		89	103	101	104	104

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9310346
(revised 11/12/93)

CH2M HILL

Attn: Bern Baumgartner

RE: Four water samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.P1.FW
Date Sampled: October 26, 1993 Date Submitted: October 27, 1993
Date Extracted: October 30, 1993 Date Analyzed: October 30, 1993

RESULTS:

Sample I.D.	Kerosene (µg/L)	Diesel (µg/L)	Motor Oil (mg/L)
A20-DM-04	N.D.	N.D.	N.D.
A20-DM-05	N.D.	N.D.	N.D.
A20-DM-06	N.D.	N.D.	N.D.
EQUIPMENT BLANK	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	---	99%	---
DUP SPIKE RECOVERY	---	89%	---
DETECTION LIMIT	50	50	0.5
METHOD OF ANALYSIS	3510/8015	3510/8015	3510/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 3, 1993 ChromaLab File#: 9310346

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-DM-04** *Matrix:* WATER
Lab #: 34935-1379 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	2.1	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.	83
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	87
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.	94
DIBROMOCHLOROMETHANE	6.6	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 3, 1993 ChromaLab File#: 9310346

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-DM-05** *Matrix:* WATER
Lab #: 34936-1379 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

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.	83
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	87
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.	94
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 3, 1993 ChromaLab File#: 9310346

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-DM-06** *Matrix:* WATER
Lab #: 34937-1379 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	5.3	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.	83
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	3.8	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	38	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.	--
TRICHLOROETHYLENE	21	0.5	N.D.	87
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	41	0.5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 3, 1993 ChromaLab File#: 9310346

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 27, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **EQUIPBLANK** *Matrix:* WATER
Lab #: 34938-1379 *Sampled:* October 26, 1993 *Analyzed:* November 2, 1993
Method: EPA 8010

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.	83
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	87
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.	94
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	114
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	33	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CH2MHILL

13910 1 OF 2

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

CH2M HILL Project # 8ED288830.P1.FW

Purchase Order #

Project Name: Del Monte 05

Company Name/CH2M HILL Office: SFO/CH2M HILL

Project Manager & Phone #: Mr. [ ] Ms. [ ] Dr. [ ] Ben Baumgartner

Report Copy to: Vorag Blum

Requested Completion Date: 24 hours

Sampling Requirements: SDWA NPDES RCRA OTHER

Sample Disposal: Dispose Return

SUBM #: 9310355
CLIENT: CH2MHIL
DUE: 10/29/93
REF: 13910

ANALYSES REQUESTED

Halocarbons-8010

RUSH

SHADED AREA – FOR LAB USE ONLY

Lab 1 # | Lab 2 #

Quote # | Kit Request #

Project #

No. of Samples | Page | of

COC Rev | Login | LIMS Ver | Ack Gen

REMARKS | LAB 1 ID | LAB 2 ID

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS		REMARKS
10/28/93	1120		X	X		A1 4-H0L-02	2	X	HCl pres.
	1015		X	X		A1 4-H0L-03	2	X	
	10:15		X	X		A1 4-H0L-03D	2	X	
	9:40		X	X		A1 4-H0L-04	2	X	

Call Latonya Garrett w/ results 510-251-2888 x2071

Sampled By & Title (Please sign and print name): Kathryn Larsen Latonya Garrett — Date/Time: 10/28/93

Relinquished By (Please sign and print name): Latonya Garrett — Date/Time: 10/28/93

Received By (Please sign and print name): Pierre Monette — Date/Time: 10/28/93 13:40

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 BUS Fed-Ex Hand Other

Shipping #:

Work Authorized By (Please sign and print name):

Remarks:

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other:

COC Rec | ICE

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Cust Seal | Ph

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310355

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A14-HOL-02** *Matrix:* WATER
Lab #: 34982-1347 *Sampled:* October 28, 1993 *Analyzed:* October 28, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	3.8	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.	81
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	2.2	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	30	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	0.90	0.5	N.D.	--
TRICHLOROETHYLENE	170	0.5	N.D.	97
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	16	0.5	N.D.	112
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	112
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.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310355

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A14-HOL-03** *Matrix:* WATER
Lab #: 34983-1347 *Sampled:* October 28, 1993 *Analyzed:* October 28, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	0.70	0.5	N.D.	--
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.	81
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	0.60	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	8.6	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.	--
TRICHLOROETHYLENE	6.4	0.5	N.D.	97
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	17	0.5	N.D.	112
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	112
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.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310355

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A14-HOL-03D** *Matrix:* WATER
Lab #: 34984-1347 *Sampled:* October 28, 1993 *Analyzed:* October 28, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	0.80	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.	81
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	0.70	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	8.6	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.	--
TRICHLOROETHYLENE	6.4	0.5	N.D.	97
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	18	0.5	N.D.	112
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	112
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.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310355

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A14-HOL-04** *Matrix:* WATER
Lab #: 34985-1347 *Sampled:* October 28, 1993 *Analyzed:* October 28, 1993
Method: EPA 8010

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.	81
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	0.50	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.	--
TRICHLOROETHYLENE	1.1	0.5	N.D.	97
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	1.1	0.5	N.D.	112
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	112
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.	--

ChromaLab, Inc.

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Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310355

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A14-PK-01** *Matrix:* WATER
Lab #: 34986-1347 *Sampled:* October 27, 1993 *Analyzed:* October 28, 1993
Method: EPA 8010

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.	81
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	2.2	0.5	N.D.	97
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.	112
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	112
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.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310355

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-DM-02** *Matrix:* WATER
Lab #: 34987-1347 *Sampled:* October 27, 1993 *Analyzed:* October 28, 1993
Method: EPA 8010

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.	81
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	97
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.	112
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	112
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.	--

ChromaLab, Inc.

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

October 29, 1993 ChromaLab File#: 9310355

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-DM-03** *Matrix:* WATER
Lab #: 34988-1347 *Sampled:* October 27, 1993 *Analyzed:* October 28, 1993
Method: EPA 8010

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.	81
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	97
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.	112
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	112
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.	--

ChromaLab, Inc.

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Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHM HILL

13910 2 of 2

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

CH2M HILL Project #: 9FD28830.P1.FW

Purchase Order #:

Project Name: Del Monte 35

Company Name/CH2M HILL Office: SFO/CH2M HILL

Project Manager & Phone #: Mr. [ ] Ms. [ ] Dr. [ ] T Bern Baumgartner

Report Copy to: VARDA BLUM

Requested Completion Date: standard*

Sampling Requirements: SDWA NPDES RCRA OTHER

Sample Disposal: Dispose Return

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	GC/BTEX-8015	EXTRACT.-8015	Halocarbon-8010
10/27/93	10:00		X	X		A14-PK-01	2	X	X	X
10/27/93	11:45		X	X		A20-DM-02	2	X	X	X
10/27/93	11:05		X	X		A20-DM-03	2	X	X	X
10/27/93				X		TRIP BLANK	2			

RUSH

ANALYSES REQUESTED

LAB USE AREA - FOR LAB USE ONLY

Lab 1 #: Lab 2 #:

Batch #: Kit Request #:

Project #:

No. of Samples: Page: of

COC Rev: Login: LIMS Ver: Ack Gen:

REMARKS: **24 Hr TAT

HCl pres.

HOLD

LAB 1 ID: LAB 2 ID:

Sampled By & Title	Date/Time	Relinquished By	Date/Time
R Garrett (Latonya Garrett)	10-27-93	R Garrett (Latonya Garrett)	10/27/93
Received By: T. Mouette	10.2893	Relinquished By	
Received By		Relinquished By	
Received By		Shipped Via: UPS BUS Fed-Ex Hand Other	Shipping #
Work Authorized By	Remarks		

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other:

COC Rec: ICE

Ana Req: TEMP

Cust Seal: Ph

Instructions and Agreement Provisions on Reverse Side

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

REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310356

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: 2 samples for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: October 27, 1993 *Analyzed on:* November 3, 1993
Method: EPA 5030/8015/602 *Run#:* 1368

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
34989 A20-DM-02	N.D.	N.D.	N.D.	N.D.	N.D.
34990 A20-DM-03	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	101	92	95	94	98

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9310356
REVISED: November 16, 1993

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Two water samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830P1FW
Date Sampled: October 27, 1993 Date Submitted: October 28, 1993
Date Extracted: November 1, 1993 Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Kerosene (µg/L)	Diesel (µg/L)	Motor Oil (mg/L)
A-20-DM-02	N.D.	N.D.	N.D.
A-20-DM-03	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	----	81%	----
DUP SPIKE RECOVERY	----	86%	----
DETECTION LIMIT	50	50	0.5
METHOD OF ANALYSIS	3510/8015	3510/8015	3510/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CH2MHILL

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

13911

CH2M HILL Project #	S.F0.288B.5S.ZZ
Purchase Order #	
Project Name	Del Monte 35
Company Name/CH2M HILL Office	SFO/CH2M HILL
Project Manager & Phone #	Mr. [ ] Ms. [ ] Dr. [ ] Bern Baumgartner
Report Copy to:	Varda Blum
Requested Completion Date	Standard Turnaround
Sampling Requirements	SDWA NPDES RCRA OTHER
Sample Disposal:	Dispose Return

SUBM #: 9310357
CLIENT: CH2MHIL
DUE: 11/04/93
REF: 13911

FOR LAB USE ONLY

Lab 1 #: Lab 2 #:
Quote #: Kit Request #:
Project #:
No. of Samples: Page: of:
COC Rev: Login: LIMS Ver: Ack Gen:

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	TPH 418.1	GAS/BTEX	TEPH	Chlorinated s. 8010	REMARKS	LAB 1 ID	LAB 2 ID
10/27/93	1215				X	A17-SB-02-9.5	1	X						
"	1300				X	A17-SB-02-12.5	1	X						
10/27/93	1300				X	A17-SB-02-15.5	1	X						
10/28/93	1300		X		X	A20-K5-4.0	1	~~HOLD~~	X	X	X	Removed from Hold 11/3/93 per V. Blum Due 11/10/93		
10/28/93	1300		X		X	A20-K4-7.0	1		X	X	X			

Sampled By & Title (Please sign and print name)	Varda Blum Varda Blum	Date/Time	10/27/93
Received By (Please sign and print name)	P. Monette	Date/Time	10/28/93
Received By (Please sign and print name)		Date/Time	
Received By (Please sign and print name)		Date/Time	
Work Authorized By (Please sign and print name)		Remarks	

Relinquished By (Please sign and print name)	Varda Blum	Date/Time	10/27/93
Relinquished By (Please sign and print name)		Date/Time	
Relinquished By (Please sign and print name)		Date/Time	
Shipped Via	UPS BUS Fed-Ex Hand Other	Shipping #	

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other:

COC Rec	ICE
Ana Req	TEMP
Cust Seal	Ph

Instructions and Agreement Provisions on Reverse Side

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

REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310357

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: 2 samples for Gasoline and BTEX analysis.

Matrix: SOIL
Sampled on: October 28, 1993 *Analyzed on:* November 5, 1993
Method: EPA 5030/8015/8020 *Run#:* 1389

Lab # SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34994 A20-K5-4.0	110	N.D.	N.D.	37	340
34995 A20-K4-7.0	1.6	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	1.0	5.0	5.0	5.0	5.0
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	101	91	99	100	99

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File No.: 9310357

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Three soil samples for Total Recoverable Petroleum Hydrocarbon (TRPH) analysis by EPA 418.1

Project Name: DEL MONTE 35
Project Number: SFO28830KSZZ
Date Sampled: October 27, 1993 Date Submitted: October 28, 1993
Date Analyzed: November 10, 1993

RESULTS:

Sample I.D.	Total Recoverable Petroleum Hydrocarbon (mg/Kg)
A17-SB-02-9.5	N.D.
A17-SB-02-12.5	N.D.
A17-SB-02-15.5	N.D.
BLANK	N.D.
DETECTION LIMIT	10
METHOD OF ANALYSIS	EPA 418.1

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

jm

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 19, 1993 ChromaLab File No.: 9310357

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Two soil samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830KSZZ
Date Sampled: October 28, 1993 Date Submitted: October 28, 1993
Date Extracted: November 19, 1993 Date Analyzed: November 19, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A20-K5-4.0	N.D.	N.D.	N.D.
A20-K4-7.0	N.D.	35	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	---	79%	---
DUP SPIKE RECOVERY	---	83%	---
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 19, 1993 ChromaLab File No.: 9310357

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Two soil samples for Total Recoverable Petroleum Hydrocarbon (TRPH) analysis by EPA 418.1

Project Name: DEL MONTE 35
Project Number: SFO28830KSZZ
Date Sampled: October 28, 1993 Date Submitted: October 28, 1993
Date Analyzed: November 19, 1993

RESULTS:

Sample I.D.	Total Recoverable Petroleum Hydrocarbon (mg/Kg)
A20-K5-4.0	N.D.
A20-K4-7.0	116
BLANK	N.D.
DETECTION LIMIT	10
METHOD OF ANALYSIS	EPA 418.1

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

cc

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310357

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-K5-4.0** *Matrix:* SOIL
Lab #: 34994-1486 *Sampled:* October 28, 1993 *Analyzed:* November 9, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	77
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	8.0	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	83
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	101
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310357

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-K4-7.0** *Matrix:* SOIL
Lab #: 34995-1486 *Sampled:* October 28, 1993 *Analyzed:* November 9, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	77
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	7.1	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	83
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	101
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHMHILL

13912

QUALITY ANALYTICAL LABORATORIES — **CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES**

CH2M HILL Project # 9F028830.KS | Purchase Order #

Project Name: Del Monte 35

Company Name/CH2M HILL Office: SFO/CH2M-HILL

Project Manager & Phone #: Mr. [ ] Ms. [ ] Dr. [ ] Kathy Baumgartner

Report Copy to: Karla Blum

Requested Completion Date: Standard

Sampling Requirements: SDWA NPDES RCRA OTHER

Sample Disposal: Dispose Return

SUBM #: 9310358
CLIENT: CH2MHIL
DUE: 11/04/93
REF: 13912

SHADED AREA - FOR LAB USE ONLY: Lab 1 # | Lab 2 # | Quote # | Kit Request # | Project # | No. of Samples | Page | of | COC Rev | Login | LIMS Ver | Ack Gen

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: GAS/BTEX - 8015	EXTRACT. - 8015	Halocarbon - 8010	REMARKS	LAB 1 ID	LAB 2 ID
10/27/93	14:45	X	X			A2-K-01	1				HCl pres.		
10/27/93	16:05	X	X			A10-SB-01	5	X	X	X			
10/27/93	16:05	X	X			A10-SB-01D	5	X	X	X			

Shipped By & Time: (Please sign and print name) (Catonya Garrett) — Date/Time: 10-27-93

Relinquished By: (Please sign and print name) (Catonya Garrett) — Date/Time: 10-27-93

Received By: (Please sign and print name) P. MONETTE — Date/Time: 10-28-93

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 BUS Fed-Ex Hand Other

Shipping #

Work Authorized By: (Please sign and print name)

Remarks

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other:

COC Rec | ICE

Ana Req | TEMP

Cust Seal | Ph

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310358

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: 2 samples for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: October 27, 1993 *Analyzed on:* November 3, 1993
Method: EPA 5030/8015/602 *Run#:* 1368

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
34997 A10-SB-01	N.D.	N.D.	N.D.	N.D.	N.D.
34998 A10-SB-01D	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	101	92	95	94	98

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9310358
REVISED: November 17, 1993

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Three water samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830KSZZ
Date Sampled: October 27, 1993 Date Submitted: October 28, 1993
Date Extracted: November 1, 1993 Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A-2-K-01	N.D.	N.D.	N.D.
A-10-SB-01	N.D.	N.D.	N.D.
A-10-SB-01D	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	----	81%	----
DUP SPIKE RECOVERY	----	86%	----
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

cc

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310358

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-01** *Matrix:* WATER
Lab #: 34997-1482 *Sampled:* October 27, 1993 *Analyzed:* November 3, 1993
Method: EPA 8010

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.	113
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	98
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	6.1	0.5	N.D.	121
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	118
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310358

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-01D** *Matrix:* WATER
Lab #: 34998-1482 *Sampled:* October 27, 1993 *Analyzed:* November 3, 1993
Method: EPA 8010

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.	113
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	98
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	4.7	0.5	N.D.	121
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	118
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CH2M HILL

13913

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

CH2M HILL Project # 9FO28830.[illegible] | Purchase Order #

Project Name: Del Monte 35

Company Name/CH2M HILL Office: SFO/CH2M HILL

Project Manager & Phone #: Mr. [ ] Ms. [ ] Dr. [ ] Bert Baumgartner

Report Copy to: Darda Blum

Requested Completion Date: standard

Sampling Requirements: SDWA [ ] NPDES [ ] RCRA [ ] OTHER [ ]

Sample Disposal: Dispose [ ] Return [ ]

SUBM #: 9310359
CLIENT: CH2MHIL
DUE: 11/04/93
REF: 13913

SHADED AREA - FOR LAB USE ONLY

Lab 1 # | Lab 2 #

Quote # | KR Request #

Project #

No. of Samples | Page | of

COC Rev | Login | LIMS Ver | Ack Gen

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	Gas/BTEX-8015	Extract.-8015	Halocarbons-8010	TRPH 418.1	REMARKS	LAB 1 ID	LAB 2 ID
10/27/93	1212				X	A3-SS-05-0.5	1	X	X	X				
	1416				X	A10-SB-01-2.0		X	X	X				
	1420				X	A10-SB-01-6.0		X	X					
	1515				X	A17-SB-01-3.0					X			
	1520				X	A17-SB-01-3.5					X			
	1530				X	A17-SB-01-6.0					X			
	1535				X	A17-SB-01-9.0					X			
	1538				X	A17-SB-01-12.0					X			
	1540				X	A17-SB-01-15.0					X			
	1155				X	A17-SB-02-3.5					X			
10/27/93	1200				X	A17-SB-02-6.5					X			

Sampled By & Title (Please sign and print name) Darda Blum / Darda Blum	Date/Time 10/27/93	Relinquished By (Please sign and print name) Darda Blum	Date/Time 10/27/93
Received By (Please sign and print name) J. Modette	Date/Time 10/28/93	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 BUS Fed-Ex Hand Other	Shipping #
Work Authorized By (Please sign and print name)	Remarks		

HAZWRAP/NESSA: Y N

QC Level: 1 2 3 Other:

COC Rec | ICE

Ana Req | TEMP

Cust Seal | Ph

Instructions and Agreement Provisions on Reverse Side

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310359

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: 3 samples for Gasoline and BTEX analysis.

Matrix: SOIL
Sampled on: October 27, 1993 *Analyzed on:* November 4, 1993
Method: EPA 5030/8015/8020 *Run#:* 1380

Lab # SAMPLE ID	Gasoline (mg/Kg)	Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl Benzene (ug/Kg)	Total Xylenes (ug/Kg)
34999 A3-SS-05-0.5	N.D.	N.D.	N.D.	N.D.	N.D.
35000 A10-SB-01-2.0	N.D.	N.D.	N.D.	N.D.	N.D.
35001 A10-SB-01-6.0	N.D.	N.D.	N.D.	N.D.	N.D.
DETECTION LIMITS	1.0	5.0	5.0	5.0	5.0
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	94	99	99	109	107

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9310359
REVISED: November 16, 1993

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Three soil samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830KSZZ
Date Sampled: October 27, 1993 Date Submitted: October 28, 1993
Date Extracted: November 1, 1993 Date Analyzed: November 1, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A3-SS-05-0.5	N.D.	N.D.	N.D.
A10-SB-01-2.0	N.D.	N.D.	N.D.
A10-SB-01-6.0	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	----	89%	----
DUP SPIKE RECOVERY	----	84%	----
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310359

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A3-SS-05-0.5** *Matrix:* SOIL
Lab #: 34999-1488 *Sampled:* October 27, 1993 *Analyzed:* November 10, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	81
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	88
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	103
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310359

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-01-2.0** *Matrix:* SOIL
Lab #: 35000-1488 *Sampled:* October 27, 1993 *Analyzed:* November 10, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	81
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	88
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	103
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9310359

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A10-SB-01-6.0** *Matrix:* SOIL
Lab #: 35001-1488 *Sampled:* October 27, 1993 *Analyzed:* November 10, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/Kg)	REPORTING LIMIT (ug/Kg)	BLANK RESULT (ug/Kg)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	5	N.D.	--
VINYL CHLORIDE	N.D.	5	N.D.	--
BROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROFLUOROMETHANE	N.D.	5	N.D.	--
1,1-DICHLOROETHENE	N.D.	5	N.D.	81
METHYLENE CHLORIDE	N.D.	25	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
CIS-1,2-DICHLOROETHENE	N.D.	5	N.D.	--
1,1-DICHLOROETHANE	N.D.	5	N.D.	--
CHLOROFORM	N.D.	5	N.D.	--
1,1,1-TRICHLOROETHANE	N.D.	5	N.D.	--
CARBON TETRACHLORIDE	N.D.	5	N.D.	--
1,2-DICHLOROETHANE	N.D.	5	N.D.	--
TRICHLOROETHENE	N.D.	5	N.D.	88
1,2-DICHLOROPROPANE	N.D.	5	N.D.	--
BROMODICHLOROMETHANE	N.D.	5	N.D.	--
2-CHLOROETHYL VINYL ETHER	N.D.	5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	5	N.D.	--
TETRACHLOROETHENE	N.D.	5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	5	N.D.	--
CHLOROBENZENE	N.D.	5	N.D.	--
BROMOFORM	N.D.	5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	5	N.D.	103
1,3-DICHLOROBENZENE	N.D.	5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	5	N.D.	--
FREON 113	N.D.	5	N.D.	--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File No.: 9310359

CH2M HILL

Attn: BERN BAUMGARTNER

RE: Eight soil samples for Total Recoverable Petroleum Hydrocarbon (TRPH) analysis by EPA 418.1

Project Name: DEL MONTE 35
Project Number: SFO28830KSZZ
Date Sampled: October 27, 1993 Date Submitted: October 28, 1993
Date Analyzed: November 10, 1993

RESULTS:

Sample I.D.	Total Recoverable Petroleum Hydrocarbon (mg/Kg)
A17-SB-01-3.0	N.D.
A17-SB-01-3.5	N.D.
A17-SB-01-6.0	N.D.
A17-SB-01-9.0	N.D.
A17-SB-01-12.0	N.D.
A17-SB-01-15.0	N.D.
A17-SB-02-3.5	N.D.
A17-SB-02-6.5	N.D.
BLANK	N.D.
DETECTION LIMIT	10
METHOD OF ANALYSIS	EPA 418.1

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

jm

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CH2MHILL
QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD

SUBK #: 951004
CLIENT: CH2MHIL
DUE: 11/05/93
REF: 13928

46

CH2M HILL Project # SFO28830.KS
Purchase Order #
Project Name: Del Monte 35
Company Name/CH2M HILL Office: SFO/CH2M HILL
Project Manager & Phone # Mr. [ ] Ms. [ ] Dr. [ ]: Bern Baumgartner
Report Copy to: Varda Blum
Requested Completion Date: Standard
Sampling Requirements: SDWA NPDES RCRA OTHER
Sample Disposal: Dispose Return

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	Gas/BTEX 8015	Extract. - 8015	Halocarbons-8010 EPA	pH - 150.1	REMARKS	LAB 1 ID	LAB 2 ID
10/28/93	12:00		X	X		A20-K-03	5	X	X	X		HCl pres.		
10/28/93	12:40		X		X	A13-SB-01-2.0	1				X			
10/28/93	12:40		X		X	A13-SB-01-2.0D	1				X			
10/28/93	12:55		X		X	A13-SB-01-5.0	1				X			
10/28/93			X	X		A20-K-04	5	X	X	X		HCl pres.		
10/28/93			X	X		A20-K-05	5	X	X	X		HOLD		
10/29/93			X	X		TRIP BLANK	1							

Relinquished By & Title (Please sign and print name)	Date/Time	Relinquished By (Please sign and print name)	Date/Time
Garrett (Latonya Garrett)	10/28/93	Garrett (Latonya Garrett)	10/28/93
Received By (Please sign and print name)	Date/Time	Relinquished By (Please sign and print name)	Date/Time
[signature]	10/29/93 11:21		
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 BUS Fed-Ex Hand Other	Shipping #
Work Authorized By (Please sign and print name)	Remarks		

HAZWRAP/NESSA: Y N
QC Level: 1 2 3 Other:
COC Rec | ICE
Ana Req | TEMP
Cust Seal | Ph

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9311004

CH2M HILL

Atten: B.Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS
Submitted: October 29, 1993

re: 3 samples for Gasoline and BTEX analysis.

Matrix: WATER
Sampled on: October 28, 1993 *Analyzed on:* November 3, 1993
Method: EPA 5030/8015/602 *Run#:* 1368

Lab # SAMPLE ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
35140 A20-K-03	N.D.	N.D.	N.D.	N.D.	N.D.
35141 A20-K-04	N.D.	N.D.	N.D.	N.D.	N.D.
35142 A20-K-05	1900	51	N.D.	12	48
DETECTION LIMITS	50	0.5	0.5	0.5	0.5
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK SPIKE RECOVERY(%)	101	92	95	94	98

ChromaLab, Inc.

Billy Thach
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9311004

CH2M HILL

Atten: B.Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS
Submitted: October 29, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-K-03** *Matrix:* WATER
Lab #: 35140-1489 *Sampled:* October 28, 1993 *Analyzed:* November 4, 1993
Method: EPA 8010

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.	75
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	N.D.	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	1.4	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.	--
TRICHLOROETHYLENE	1.5	0.5	N.D.	90
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	4.9	0.5	N.D.	104
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	110
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--
	N.D.			--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9311004

CH2M HILL

Atten: B.Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS
Submitted: October 29, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-K-04** *Matrix:* WATER
Lab #: 35141-1489 *Sampled:* October 28, 1993 *Analyzed:* November 4, 1993
Method: EPA 8010

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.	75
METHYLENE CHLORIDE	N.D.	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	90
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.	104
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	110
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--
	N.D.			--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9311004

CH2M HILL

Atten: B.Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS
Submitted: October 29, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A20-K-05** *Matrix:* WATER
Lab #: 35142-1489 *Sampled:* October 28, 1993 *Analyzed:* November 4, 1993
Method: EPA 8010

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.	75
METHYLENE CHLORIDE	N.D.	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	1.9	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.	--
TRICHLOROETHYLENE	N.D.	0.5	N.D.	90
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.	104
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	110
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--
	N.D.			--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993

ChromaLab File No.: 9311004
REVISED: November 17, 1993

CH2M HILL

Attn: B.Baumgartner/V. Blum

RE: Three water samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS
Date Sampled: October 28, 1993 Date Submitted: October 29, 1993
Date Extracted: November 4, 1993 Date Analyzed: November 4, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A-20-K-03	N.D.	N.D.	N.D.
A-20-K-04	N.D.	N.D.	N.D.
A-20-K-05	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	----	87%	----
DUP SPIKE RECOVERY	----	81%	----
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

cc

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 5, 1993 ChromaLab File No.: 9311004

CH2M HILL

Attn: B.Baumgartner/V. Blum

RE: Three soil samples for pH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS
Date Sampled: October 28, 1993 Date Submitted: October 29, 1993
Date Analyzed: November 5, 1993

RESULTS:

Sample I.D.	pH Units
A13-SB-01-2.0	8.3
A13-SB-01-2.0D	8.0
A13-SB-01-5.0	8.6
BLANK	7.0
METHOD OF ANALYSIS	EPA 9040

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

cc

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Federal ID #68-0140157

doc # 13988

57/35499-502

CH2M HILL

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

SUBM #: 9311057
CLIENT: CH2MHIL
DUE: 11/10/93
REF: 13988

CH2M HILL Project #: 9F0388301.FW
Purchase Order #:
Project Name: Del Monte 35
Company Name/CH2M HILL Office: SFO/CH2M HILL
Project Manager & Phone #: Mr. [ ] Bert Baumgartner Ms. [ ] Dr. [ ]
Report Copy to: Varda Blum
Requested Completion Date: standard
Sampling Requirements: SDWA NPDES RCRA OTHER
Sample Disposal: Dispose Return

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	Halocarbons-8010	Project #	No. of Samples	Page	of	COC Rev	Login	LIMS Ver	Ack Gen	REMARKS	LAB 1 ID	LAB 2 ID
11/3/93	10:15		X	X		A1 4-H0L-2A	2	X											
11/3/93	10:15		X	X		A1 4-H0L-2A-D	2	X											
11/3/93	12:30		X	X		MW-1	2	X											
11/3/93	12:30		X	X		MW-1-D	2	X											
11/3/93				X		TRIPBLANK1	2	X									HOLD		

Sampled By & Title (Please sign and print name): Catonya Garrett — Date/Time: 11/3/93
Received By (Please sign and print name): B. Morrow — Date/Time: 11/3/93 1455
Received By (Please sign and print name): — Date/Time:
Received By (Please sign and print name): — Date/Time:
Work Authorized By (Please sign and print name):

Relinquished By (Please sign and print name): Catonya Garrett — Date/Time: 11/3/93
Relinquished By (Please sign and print name): — Date/Time:
Relinquished By (Please sign and print name): — Date/Time:
Shipped Via: UPS BUS Fed-Ex Hand Other
Shipping #:
Remarks:

HAZWRAP/NESSA: Y N
QC Level: 1 2 3 Other:
COC Rec | ICE
Ana Req | TEMP
Cust Seal | Ph

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9311057

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: November 3, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A14-HOL-2A** *Matrix:* WATER
Lab #: 35499-1487 *Sampled:* November 3, 1993 *Analyzed:* November 9, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	4.8	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.	77
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	2.1	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	29	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	1.3	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	0.60	0.5	N.D.	--
TRICHLOROETHYLENE	170	0.5	N.D.	83
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	19	0.5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	101
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--
	N.D.			--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9311057

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: November 3, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **A14-HOL-2A-D** *Matrix:* WATER
Lab #: 35500-1487 *Sampled:* November 3, 1993 *Analyzed:* November 9, 1993
Method: EPA 8010

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE RESULT (%)
CHLOROMETHANE	N.D.	0.5	N.D.	--
VINYL CHLORIDE	4.7	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.	77
METHYLENE CHLORIDE	N.D.	5	N.D.	--
TRANS-1,2-DICHLOROETHENE	2.4	0.5	N.D.	--
CIS-1,2-DICHLOROETHENE	29	0.5	N.D.	--
1,1-DICHLOROETHANE	N.D.	0.5	N.D.	--
CHLOROFORM	N.D.	0.5	N.D.	--
1,1,1-TRICHLOROETHANE	1.7	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	0.60	0.5	N.D.	--
TRICHLOROETHYLENE	160	0.5	N.D.	83
1,2-DICHLOROPROPANE	N.D.	0.5	N.D.	--
BROMODICHLOROMETHANE	N.D.	0.5	N.D.	--
2-CHLOROETHYLVINYL ETHER	N.D.	0.5	N.D.	--
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
CIS-1,3-DICHLOROPROPENE	N.D.	0.5	N.D.	--
1,1,2-TRICHLOROETHANE	N.D.	0.5	N.D.	--
TETRACHLOROETHENE	20	0.5	N.D.	94
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	101
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--
	N.D.			--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

November 10, 1993 ChromaLab File#: 9311057

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: November 3, 1993

re: One sample for Volatile Halogenated Organics analysis.

Sample: **MW-1** *Matrix:* WATER
Lab #: 35501-1487 *Sampled:* November 3, 1993 *Analyzed:* November 9, 1993
Method: EPA 8010

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.	77
METHYLENE CHLORIDE	N.D.	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	1.2	0.5	N.D.	--
CARBON TETRACHLORIDE	N.D.	0.5	N.D.	--
1,2-DICHLOROETHANE	N.D.	0.5	N.D.	--
TRICHLOROETHYLENE	5.9	0.5	N.D.	83
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.	94
DIBROMOCHLOROMETHANE	N.D.	0.5	N.D.	--
CHLOROBENZENE	N.D.	0.5	N.D.	--
BROMOFORM	N.D.	0.5	N.D.	--
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5	N.D.	101
1,3-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,4-DICHLOROBENZENE	N.D.	0.5	N.D.	--
1,2-DICHLOROBENZENE	N.D.	0.5	N.D.	--
FREON 113	N.D.	0.5	N.D.	--
	N.D.			--

ChromaLab, Inc.

David Wintergrass
Chemist

Eric Tam
Laboratory Director

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CHMHILL

QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY RECORD AND AGREEMENT TO PERFORM SERVICES

031 38650-53

SUBM #: 9312031
CLIENT: CH2MHIL
DUE: 12/08/93
REF: 14300

FOR LAB USE ONLY
Lab 2 #
Kit Request #

CH2M HILL Project #: SF028830.11.FW
Purchase Order #:
Project Name: Del Monte 35
Company Name/CH2M HILL Office: CH2M HILL/SFO
Project Manager & Phone #: Mr. [X] Ben Baumgartner / Ms. [ ] / Dr. [ ]
Report Copy to:
Requested Completion Date: standard Turnaround
Sampling Requirements: SDWA NPDES RCRA OTHER
Sample Disposal: Dispose Return
Project #
No. of Samples
Page / of
COC Rev / Login / LIMS Ver / Ack Gen

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	ANALYSES REQUESTED: Gas/BTEX 8015	REMARKS	LAB 1 ID	LAB 2 ID
11/30/93	1130				X	A19-SS-06R-2.5	1	X			
11/30/93	1130				X	A19-SS-08R-2.5	1	X			
12/1/93	0730			X		A1-DM-01R	2		← HOLD		
12/1/93	[illegible]			X		TRIP BLANK	1				

Sampled By & Title: [signature] (Please sign and print name) — Date/Time: 12/1/93
Received By: [signature] B. Morrow (Please sign and print name) — Date/Time: 12-1-93 12:14
Received By (Please sign and print name) — Date/Time
Received By (Please sign and print name) — Date/Time
Work Authorized By (Please sign and print name)

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

HAZWRAP/NESSA: Y N
QC Level: 1 2 3 Other:
COC Rec / ICE
Ana Req / TEMP
Cust Seal / Ph

Shipped Via: UPS BUS Fed-Ex Hand Other
Shipping #
Remarks

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

December 7, 1993 ChromaLab File No.: 9312031

CH2M HILL

Attn: Bern Baumgartner

RE: Two soil samples for Gasoline and BTEX analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.P1.FW
Date Sampled: November 30, 1993 Date Submitted: December 1, 1993
Date Analyzed: December 6, 1993

RESULTS:

Sample I.D.	Gasoline (mg/Kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)
A19-SS-06R-2.5	4.1	N.D.	N.D.	N.D.	13
A19-SS-08R-2.5	14	N.D.	35	13	43
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	100%	97%	107%	119%	108%
DUP SPIKE RECOVERY	----	116%	115%	115%	109%
DETECTION LIMIT	1.0	5.0	5.0	5.0	5.0
METHOD OF ANALYSIS	5030/8015	8020	8020	8020	8020

ChromaLab, Inc.

Billy Thach
Analytical Chemist

Eric Tam
Laboratory Director

cc

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

December 7, 1993 ChromaLab File No.: 9312031

CH2M HILL

Attn: Bern Baumgartner

RE: One water sample for Gasoline and BTEX analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.P1.FW
Date Sampled: December 1, 1993 Date Submitted: December 1, 1993
Date Analyzed: December 6, 1993

RESULTS:

Sample I.D.	Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)
A1-DM-01R	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	100%	104%	109%	111%	108%
DUP SPIKE RECOVERY	----	107%	110%	113%	110%
DETECTION LIMIT	50	0.5	0.5	0.5	0.5
METHOD OF ANALYSIS	5030/8015	602	602	602	602

ChromaLab, Inc.

Billy Thach
Analytical Chemist

Eric Tam
Laboratory Director

cc

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(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

CHMHILL
QUALITY ANALYTICAL LABORATORIES

CHAIN OF CUSTODY REC

SUBM #: 9312032
CLIENT: CH2MHIL
DUE: 12/08/93
REF: 14301

Treet #1730

032/38654-63

CH2M HILL Project #	SE.0288.3Ø.KS.ZZ
Purchase Order #	
Project Name	Del Monte 35
Company Name/CH2M HILL Office	CH2M HILL/SFO
Project Manager & Phone #	Mr. [x] Ben Baumgartner; Ms. [ ]; Dr. [ ]
Report Copy to:	Varda Blum
Requested Completion Date:	Standard Turnaround
Sampling Requirements	SDWA NPDES RCRA OTHER ☐ ☐ ☐ ___
Sample Disposal:	Dispose ☐ Return ☐

Sampling Date	Sampling Time	Type COMP	Type GRAB	Matrix WATER	Matrix SOIL	CLIENT SAMPLE ID (9 CHARACTERS)	# OF CONTAINERS	Gas/BTEX 8015	Extractables 8015	REMARKS
11/30/93	1320				X	A3-SB-01R- 7.5	1	X		
	1400				X	A3-SB-02R- 6.5	1	X		
	1415				X	A3-SB-03R- 5.5	1	X		
	1440				X	A3-SB-04R- 5.5	1	X		
	1250				X	A3-SB-05R- 5.5	1	X		
	0830				X	A20-K-04R- 9.0	1	X	X	
	0830				X	A20-K-04R- 9.0 (D)	1	X	X	
	0900				X	A20-K-05R- 8.0	1		X	
	1100			X		A20-K-02R-	2	X		
11/30/93	1100			X		A20-K-02R	2	X		← HOLD
11/30/93	1350				X	A3-SB-02R- 10.0	1	X		

Sampled By & Title (Please sign and print name)	Varda Blum	Date/Time	11/30/93 1214	Relinquished By (Please sign and print name)	Date/Time
Received By (Please sign and print name)	[signature]	Date/Time	12/1/93 1214	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 BUS Fed-Ex Hand Other ___	Shipping #
Work Authorized By (Please sign and print name)		Remarks			

HAZWRAP/NESSA: Y N
QC Level: 1 2 3 Other: ___
COC Rec | ICE
Ana Req | TEMP
Cust Seal | Ph

Page ___ of ___
No. of Samples
COC Rev | Login | LIMS Ver | Ack Gen
LAB 1 ID | LAB 2 ID

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REV 11/92 FORM 340

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

December 6, 1993 ChromaLab File No.: 9312032

CH2M HILL

Attn: Bern Baumgartner

RE: Three soil samples for TEPH analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: December 3, 1993 Date Submitted: December 1, 1993
Date Extracted: December 3, 1993 Date Analyzed: December 3, 1993

RESULTS:

Sample I.D.	Kerosene (mg/Kg)	Diesel (mg/Kg)	Motor Oil (mg/Kg)
A20-K-04R-9.0	N.D.	220	N.D.
A20-K-04R-9.0D	N.D.	220	N.D.
A20-K-05R-8.0	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.
SPIKE RECOVERY	---	88%	---
DUP SPIKE RECOVERY	---	100%	---
DETECTION LIMIT	1.0	1.0	10.0
METHOD OF ANALYSIS	3550/8015	3550/8015	3550/8015

ChromaLab, Inc.

Alex Tam
Analytical Chemist

Eric Tam
Laboratory Director

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

December 7, 1993 ChromaLab File No.: 9312032

CH2M HILL

Attn: Bern Baumgartner

RE: One water sample for Gasoline and BTEX analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: November 30, 1993 Date Submitted: December 1, 1993
Date Analyzed: December 6, 1993

RESULTS:

Sample I.D.	Gasoline (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl Benzene (µg/L)	Total Xylenes (µg/L)
A20-K-02R	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	88%	99%	101%	103%	104%
DUP SPIKE RECOVERY	----	99%	105%	109%	102%
DETECTION LIMIT	50	0.5	0.5	0.5	0.5
METHOD OF ANALYSIS	5030/8015	602	602	602	602

ChromaLab, Inc.

Billy Thach
Analytical Chemist

Eric Tam
Laboratory Director

cc

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

December 7, 1993 ChromaLab File No.: 9312032

CH2M HILL

Attn: Bern Baumgartner

RE: Eight soil samples for Gasoline and BTEX analysis

Project Name: DEL MONTE 35
Project Number: SFO28830.KS.ZZ
Date Sampled: November 30, 1993 Date Submitted: December 1, 1993
Date Analyzed: December 6, 1993

RESULTS:

Sample I.D.	Gasoline (mg/Kg)	Benzene (µg/Kg)	Toluene (µg/Kg)	Ethyl Benzene (µg/Kg)	Total Xylenes (µg/Kg)
A3-SB-01R-7.5	N.D.	N.D.	N.D.	N.D.	N.D.
A3-SB-02R-6.5	N.D.	N.D.	N.D.	N.D.	N.D.
A3-SB-03R-5.5	N.D.	N.D.	N.D.	N.D.	N.D.
A3-SB-04R-5.5	N.D.	N.D.	N.D.	N.D.	N.D.
A3-SB-05R-5.5	N.D.	N.D.	N.D.	N.D.	N.D.
A20-K-04R-9.0	2.5	N.D.	N.D.	N.D.	N.D.
A20-K-04R-9.0(D)	3.1	N.D.	N.D.	6.3	9.3
A3-SS-02R-1.0	N.D.	N.D.	N.D.	N.D.	N.D.
BLANK	N.D.	N.D.	N.D.	N.D.	N.D.
SPIKE RECOVERY	100%	93%	98%	94%	95%
DUP SPIKE RECOVERY	----	93%	100%	98%	96%
DETECTION LIMIT	1.0	5.0	5.0	5.0	5.0
METHOD OF ANALYSIS	5030/8015	8020	8020	8020	8020

ChromaLab, Inc.

Billy Thach
Analytical Chemist

Eric Tam
Laboratory Director

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

ChromaLab Level II Quality Assurance Package

ChromaLab's reports provide quality assurance data that is appropriate for most of our clients' needs. Our regular reports include:

- Sample specifics, including sampling date and date submitted, date extracted, and date analyzed.
- Specific method used
- Reporting detection limits
- Method numbers followed
- Method blank data
- Matrix spike and spike duplicate % recoveries (for organic tests)

This is sufficient for many of your needs, including reports for water boards, landfills, counties, other local agencies, and many commercial projects.

Some of your projects may need more rigorous quality documentation. ChromaLab now offers a Level II documentation package for these situations. The ChromaLab Level II quality assurance package provides the data required for chemists and quality assurance professionals to validate our report data, and to assure the legal defensibility of your projects. It supplements our regular reports as needed for your projects. It includes:

- Detailed results of the method blank
- Surrogate recoveries
- Matrix spike recoveries
- Matrix spike amount and amount recovered
- Matrix duplicate data
- Precision data (RPD's)
- Precision and accuracy limits used to verify conformance
- Blank spike (LCS) results, with limits to verify conformance
- Transmittal document with comments on non-conformance issues, if applicable.

In addition, chromatograms or other analytical data may be provided at nominal charge.

ChromaLab also offers our reports and test results in **electronic deliverables** on disk or by modem. Please ask for details.

GC:gc 12/15/92

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310254

CH2M HILL

Atten: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** October 26, 1993
Submitted: October 21, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1271 *Analyzed on:* October 26, 1993
Matrix: SOIL

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34018	A3-SS-01-0.5	TRIFLUOROTOLUENE	105	80-120
34019	A3-SS-03-0.5	TRIFLUOROTOLUENE	100	80-120
34020	A3-SS-07-0.5	TRIFLUOROTOLUENE	105	80-120
34021	A3-SS-07D-0.6	TRIFLUOROTOLUENE	102	80-120
34022	A3-SS-08-0.5	TRIFLUOROTOLUENE	105	80-120
34023	A3-SS-09-0.5	TRIFLUOROTOLUENE	115	80-120
34024	A3-SS-11-0.5	TRIFLUOROTOLUENE	115	80-120
34025	A3-SS-12-0.5	TRIFLUOROTOLUENE	116	80-120
34026	A3-SS-13-0.5	TRIFLUOROTOLUENE	105	80-120
34027	A3-SS-14-0.5	TRIFLUOROTOLUENE	90	80-120
34028	A3-SS-15-0.5	TRIFLUOROTOLUENE	116	80-120
34029	A3-SS-18-0.5	TRIFLUOROTOLUENE	115	80-120
34030	A3-SS-19-0.2	TRIFLUOROTOLUENE	98	80-120
34031	A3-SS-19-2.0	TRIFLUOROTOLUENE	110	80-120
34032	A3-SS-20-0.5	TRIFLUOROTOLUENE	85	80-120
34033	A3-SB-01-0.5	TRIFLUOROTOLUENE	105	80-120
34034	A3-SB-03-0.5	TRIFLUOROTOLUENE	117	80-120
34035	A3-SB-04-0.5	TRIFLUOROTOLUENE	115	80-120
34036	A3-SB-05-0.5	TRIFLUOROTOLUENE	111	80-120

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310254

CH2M HILL

Attn: B. Baumgartner/Varda Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 21, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1271 *Analyzed on:* October 26, 1993
Matrix: SOIL

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. mg/Kg	5 mg/Kg	107	--	80-118	N/A	20
BENZENE	N.D. ug/Kg	80 ug/Kg	109	112	80-127	2.71	20
TOLUENE	N.D. ug/Kg	80 ug/Kg	110	110	81-122	0.00	20
ETHYL BENZENE	N.D. ug/Kg	80 ug/Kg	106	108	81-119	1.87	20
XYLENES	N.D. ug/Kg	240 ug/Kg	104	107	83-118	2.84	20
TRIFLUOROTOLUENE	117 ng	100 ng	104	108	-	3.77	20

Sample spiked: *Lab #:* 34034
ChromaLab File #: 9310254
Client Sample ID: A3-SB-03-0.5

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Date: November 30, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 26, 1993

File number: 9310254
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

MS/MSD SAMPLE SPIKED: A3-SS-07-0.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethane	µg/Kg	N.D.	50	40.0	80	40.5	81	56/118	1.2	20
Trichloroethene	µg/Kg	N.D.	50	45.5	91	48.5	97	60/129	6.4	20
Tetrachloroethene	µg/Kg	N.D.	50	40.5	81	40.0	80	60/127	1.2	20
1,3 Dichlorobenzene	µg/Kg	N.D.	50	34.5	69	37.5	75	60/136	8.3	20

BLANK SPIKE

PARAMETER	UNITS	BLANK RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC
1,1 Dichloroethane	µg/Kg	N.D.	50	43.5	87
Trichloroethene	µg/Kg	N.D.	50	44.5	89
Tetrachloroethene	µg/Kg	N.D.	50	45.5	91
1,3 Dichlorobenzene	µg/Kg	N.D.	50	40.5	81

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL PAGE 3

Date: November 30, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 26, 1993

File number: 9310254
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

SURROGATE RECOVERIES

Sample	1,4-DICHLOROBUTANE %
BLANK	106
BLANK SPIKE	122
A3-SS-07-0.5	118
A3-SS-07-0.5 MS	111
A3-SS-07-0.5 MSD	114
A3-SS-01-0.5	100
A3-SS-03-0.5	97
A3-SS-07D-0.5	107
A3-SS-08-0.5	94
A3-SS-09-0.5	121
A3-SS-11-0.5	115
A3-SS-12-0.5	116
A3-SS-13-0.5	100
A3-SS-14-0.5	88
A3-SS-15-0.5	89
A3-SS-18-0.5	82
A3-SS-19-0.2	91
A3-SS-19-2.0	90
A3-SS-20-0.5	87
A3-SB-01-0.5	105
A3-SB-03-0.5	80
A3-SB-04-0.5	95
A3-SB-05-0.5	80

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310277

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** October 26, 1993
Submitted: October 22, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1272 *Analyzed on:* October 26, 1993
Matrix: SOLID

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34253	A3-SS-10-0.5	TRIFLUOROTOLUENE	105	80-120
34254	A3-SS-16-0.5	TRIFLUOROTOLUENE	106	80-120
34255	A3-SS-17-0.5	TRIFLUOROTOLUENE	118	80-120
34256	A3-SB-02D-0.5	TRIFLUOROTOLUENE	115	80-120
34257	A3-SB-02-0.5	TRIFLUOROTOLUENE	113	80-120
34258	A3-SS-06-0.5	TRIFLUOROTOLUENE	100	80-120

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310277

CH2M HILL

Attn: BERN BAUMGARTNER

Project: DEL MONTE **Project#:** SFO 28830 KS
Submitted: October 22, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1272 *Analyzed on:* October 26, 1993
Matrix: SOLID

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. mg/Kg	5 mg/Kg	112	--	80-118	N/A	20
BENZENE	N.D. ug/Kg	80 ug/Kg	106	109	80-127	2.79	20
TOLUENE	N.D. ug/Kg	80 ug/Kg	105	106	81-122	0.95	20
ETHYL BENZENE	N.D. ug/Kg	80 ug/Kg	109	111	81-119	1.82	20
XYLENES	N.D. ug/Kg	240 ug/Kg	107	108	83-118	1.55	20
TRIFLUOROTOLUENE	105 ng	100 ng	110	114	-	2.86	20

Sample spiked: *Lab #:* 34253
ChromaLab File #: 9310277
Client Sample ID: A3-SS-10-0.5

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TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE
Date Analyzed: October 28, 1993

File number: 9310277
Method: TEPH
Method number: EPA 8015
Matrix: Soil

MS/MSD

Sample spiked: 9310282/TB-1

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	mg/Kg	N.D.	7.4	7.25	98	6.36	86	70/120	13	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE
Date Analyzed: Oct. 28, 1993

File number: 9310277
Method: TEPH
Method number: EPA 8015
Matrix: Soil

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	108
TB-1	114
TB-1 MS	150
TB-1 MSD	142
A3-SB-02-0.5	126
A3-SB-02D-0.5	133
A3-SS-06-0.5	117
A3-SS-10-0.5	122
A3-SS-16-0.5	105
A3-SS-17-0.5	120

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GENERAL CHEMISTRY-QUALITY CONTROL

Date: December 3, 1993
Client: RIEDEL ENVIRONMENTAL SERVICES
Project Name: CT OAKLAND
Date Analyzed: October 29, 1993

File number: 9311277
Method: pH
Method number: EPA 9045
Matrix: Soil

DUPLICATE RESULTS

Sample duplicated: A3-SS-17-0.5

PARAMETER	UNITS	SAMPLE RESULT	DUP RESULT	DIFFERENCE	DIFFERENCE LIMIT
pH	units	8.33	8.34	0.01	±0.05

CALIBRATION

pH meter calibrated at pH 7.0 and 10.0.

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE
Date Analyzed: October 28, 1993

File number: 9310277
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

BLANK RESULT

Compound Name	Result ug/Kg	Reporting Limits ug/Kg
CHLOROMETHANE	N.D.	5.0
VINYL CHLORIDE	N.D.	5.0
BROMOMETHANE	N.D.	5.0
CHLOROETHANE	N.D.	5.0
TRICHLOROFLUOROMETHANE	N.D.	5.0
1,1-DICHLOROETHENE	N.D.	5.0
METHYLENE CHLORIDE	N.D.	25.0
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0
1,2-DICHLOROETHENE (CIS)	N.D.	5.0
1,1-DICHLOROETHANE	N.D.	5.0
CHLOROFORM	N.D.	5.0
1,1,1-TRICHLOROETHANE	N.D.	5.0
CARBON TETRACHLORIDE	N.D.	5.0
1,2-DICHLOROETHANE	N.D.	5.0
TRICHLOROETHENE	N.D.	5.0
1,2-DICHLOROPROPANE	N.D.	5.0
BROMODICHLOROMETHANE	N.D.	5.0
2-CHLOROETHYLVINYLETHER	N.D.	5.0
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0
CIS-1,3-DICHLOROPROPENE	N.D.	5.0
1,1,2-TRICHLOROETHANE	N.D.	5.0
TETRACHLOROETHENE	N.D.	5.0
DIBROMOCHLOROMETHANE	N.D.	5.0
CHLOROBENZENE	N.D.	5.0
BROMOFORM	N.D.	5.0
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0
1,3-DICHLOROBENZENE	N.D.	5.0
1,4-DICHLOROBENZENE	N.D.	5.0
1,2-DICHLOROBENZENE	N.D.	5.0
FREON 113	N.D.	5.0

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Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE
Date Analyzed: October 28, 1993

File number: 9310277
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

MS/MSD SAMPLE SPIKED: A3-SS-10-0.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethane	µg/Kg	N.D.	50	34.5	69	36.0	72	56/118	4.3	20
Trichloroethene	µg/Kg	N.D.	50	44.5	89	39.0	78	60/129	13	20
Tetrachloroethene	µg/Kg	N.D.	50	42.5	85	36.5	73	60/127	15	20
1,3-Dichlorobenzene	µg/Kg	N.D.	50	38.0	76	32.0	64	60/136	17	20

BLANK SPIKE

PARAMETER	UNITS	BLANK RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC
1,1 Dichloroethane	µg/Kg	N.D.	50	37.0	74
Trichloroethene	µg/Kg	N.D.	50	40.0	80
Tetrachloroethene	µg/Kg	N.D.	50	39.0	78
1,3-Dichlorobenzene	µg/Kg	N.D.	50	40.0	80

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL PAGE 3

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE
Date Analyzed: October 28, 1993

File number: 9310277
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

SURROGATE RECOVERIES

Sample	1,4-DICHLOROBUTANE %
BLANK	119
BLANK SPIKE	132
A3-SS-10-0.5	115
A3-SS-10-0.5 MS	94
A3-SS-10-0.5 MSD	87
A3-SS-16-0.5	71
A3-SS-17-0.5	85
A3-SB-02D-0.5	92
A3-SB-02-0.5	97
A3-SS-06-0.5	97

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** November 10, 1993
Submitted: October 26, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1342 *Analyzed on:* November 10, 1993
Matrix: WATER

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34660	A20-K-02	TRIFLUOROTOLUENE	114	80-120

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CHROMALAB,INC.

December 2, 1993 ChromaLab File#: 9310326

CH2M HILL

Attn: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1342 *Analyzed on:* November 10, 1993
Matrix: WATER

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. ug/L	1010 ug/L	109	--	80-118	N/A	20
BENZENE	N.D. ug/L	16 ug/L	104	106	80-127	1.90	20
TOLUENE	N.D. ug/L	16 ug/L	101	104	81-122	2.93	20
ETHYL BENZENE	N.D. ug/L	16 ug/L	108	111	81-119	2.74	20
XYLENES	N.D. ug/L	48 ug/L	106	108	83-118	1.87	20
TRIFLUOROTOLUENE	114 ng	100 ng	107	110	-	2.21	20

Sample spiked: *Lab #:* 34660
ChromaLab File #: 9310326
Client Sample ID: A20-K-02

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310326

CH2M HILL

Attn: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1478 *Analyzed on:* November 10, 1993
Matrix: SOIL

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. mg/Kg	5 mg/Kg	103	--	80-118	N/A	20
BENZENE	N.D. ug/Kg	80 ug/Kg	116	116	80-127	0.00	20
TOLUENE	N.D. ug/Kg	80 ug/Kg	109	112	81-122	2.71	20
ETHYL BENZENE	N.D. ug/Kg	80 ug/Kg	100	111	81-119	10	20
XYLENES	N.D. ug/Kg	240 ug/Kg	101	112	83-118	11	20
TRIFLUOROTOLUENE	107 ng	100 ng	109	107	-	1.48	20

Sample spiked: *Lab #:* 34663
ChromaLab File #: 9310326
Client Sample ID: A3-SB-02-6.5

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310326

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** November 10, 1993
Submitted: October 26, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1478 *Analyzed on:* November 10, 1993
Matrix: SOIL

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34661	A3-SB-01-7.5	TRIFLUOROTOLUENE	96	80-120
34662	A3-SB-05-5.5	TRIFLUOROTOLUENE	107	80-120
34663	A3-SB-02-6.5	TRIFLUOROTOLUENE	107	80-120
34664	A3-SB-03-5.5	TRIFLUOROTOLUENE	97	80-120
34665	A3-SB-04-5.5	TRIFLUOROTOLUENE	98	80-120
34666	A3-SS-02-1.0	TRIFLUOROTOLUENE	106	80-120

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310326
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

BLANK RESULT

Compound Name	Result ug/Kg	Reporting Limits ug/Kg
CHLOROMETHANE	N.D.	5.0
VINYL CHLORIDE	N.D.	5.0
BROMOMETHANE	N.D.	5.0
CHLOROETHANE	N.D.	5.0
TRICHLOROFLUOROMETHANE	N.D.	5.0
1,1-DICHLOROETHENE	N.D.	5.0
METHYLENE CHLORIDE	N.D.	25.0
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0
1,2-DICHLOROETHENE (CIS)	N.D.	5.0
1,1-DICHLOROETHANE	N.D.	5.0
CHLOROFORM	N.D.	5.0
1,1,1-TRICHLOROETHANE	N.D.	5.0
CARBON TETRACHLORIDE	N.D.	5.0
1,2-DICHLOROETHANE	N.D.	5.0
TRICHLOROETHENE	N.D.	5.0
1,2-DICHLOROPROPANE	N.D.	5.0
BROMODICHLOROMETHANE	N.D.	5.0
2-CHLOROETHYLVINYLETHER	N.D.	5.0
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0
CIS-1,3-DICHLOROPROPENE	N.D.	5.0
1,1,2-TRICHLOROETHANE	N.D.	5.0
TETRACHLOROETHENE	N.D.	5.0
DIBROMOCHLOROMETHANE	N.D.	5.0
CHLOROBENZENE	N.D.	5.0
BROMOFORM	N.D.	5.0
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0
1,3-DICHLOROBENZENE	N.D.	5.0
1,4-DICHLOROBENZENE	N.D.	5.0
1,2-DICHLOROBENZENE	N.D.	5.0
FREON 113	N.D.	5.0

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HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310326
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

MS/MSD SAMPLE SPIKED: A3-SB-01-7.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
Bromoform	µg/Kg	N.D.	50	38.0	76	38.5	77	56/118	1.3	20
Trichloroethene	µg/Kg	N.D.	50	47.5	95	48.5	97	60/129	2.1	20
Tetrachloroethene	µg/Kg	N.D.	50	53.0	106	53.5	107	60/127	0.9	20
1,3-Dichlorobenzene	µg/Kg	N.D.	50	51.0	102	50.0	100	60/136	2.0	20

BLANK SPIKE

PARAMETER	UNITS	BLANK RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC
Bromoform	µg/Kg	N.D.	50	38.0	76
Trichloroethene	µg/Kg	N.D.	50	44.5	89
Tetrachloroethene	µg/Kg	N.D.	50	50.0	100
1,3-Dichlorobenzene	µg/Kg	N.D.	50	48.5	97

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310326
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

SURROGATE RECOVERIES

Sample	1,4-DICHLOROBUTANE %
BLANK	101
BLANK SPIKE	100
A3-SB-01-7.5	100
A3-SB-01-7.5 MS	104
A3-SB-01-7.5 MSD	103
A3-SB-05-5.5	89
A3-SB-02-6.5	96
A3-SB-03-5.5	99
A3-SB-04-5.5	100
A3-SB-02-1.0	94

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TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL

Date: November 29, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 29, 1993

File number: 9310326
Method: TEPH
Method number: EPA 8015
Matrix: Soil

MS/MSD Sample spiked: 9310360/sw41 @ 4'

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	mg/Kg	N.D.	7.4	7.25	98	7.33	99	70/120	1.0	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: November 29, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 29, 1993

File number: 9310326
Method: TEPH
Method number: EPA 8015
Matrix: Soil

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	103
SW41 @ 4'	103
SW41 @ 4' MS	131
SW41 @ 4' MSD	120
A3-SB-01-7.5	105
A3-SB-02-6.5	113
A3-SB-03-5.5	115
A3-SB-04-5.5	116
A3-SB-05-5.5	113
A3-SS-02-1.0	103

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TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS REPORT-QUALITY CONTROL

Date: November 29, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 29, 1993

File number: 9310326
Method: TEPH
Method number: EPA 8015
Matrix: Water

MS/MSD Sample spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	ug/L	N.D.	223	216	97	212	95	70/120	2.1	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: November 29, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 29, 1993

File number: 9310326
Method: TEPH
Method number: EPA 8015
Matrix: Water

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	103
Blank Spike	107
Blank Spike Duplicate	101
A20-K-02	119

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GENERAL CHEMISTRY-QUALITY CONTROL

Date: November 29, 1993 File number: 9310326
Client: CH2M HILL Method: pH
Project Name: DEL MONTE 35 Method number: EPA 9045
Date Analyzed: November 2, 1993 Matrix: Soil

DUPLICATE RESULTS Sample duplicated: A3-SB-01-7.5

PARAMETER	UNITS	SAMPLE RESULT	DUP RESULT	DIFFERENCE	DIFFERENCE LIMIT
pH	units	8.30	8.30	0	±0.05

CALIBRATION
pH meter calibrated at pH 7.0 and 10.0.

CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310327

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** November 10, 1993
Submitted: October 26, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1479 *Analyzed on:* November 10, 1993
Matrix: SOIL

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34675	A19-SS-06-2.5	TRIFLUOROTOLUENE	103	80-120
34676	A19-SS-08-2.5	TRIFLUOROTOLUENE	88	80-120

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310327

CH2M HILL

Attn: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 26, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1479 *Analyzed on:* November 10, 1993
Matrix: SOIL

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. mg/Kg	5 mg/Kg	98	--	80-118	N/A	20
BENZENE	N.D. ug/Kg	80 ug/Kg	113	117	80-127	3.48	20
TOLUENE	N.D. ug/Kg	80 ug/Kg	110	114	81-122	3.57	20
ETHYL BENZENE	N.D. ug/Kg	80 ug/Kg	108	108	81-119	0.00	20
XYLENES	N.D. ug/Kg	240 ug/Kg	111	108	83-118	2.44	20
TRIFLUOROTOLUENE	103 ng	100 ng	106	106	-	0.00	20

Sample spiked: *Lab #:* 34675
ChromaLab File #: 9310327
Client Sample ID: A19-SS-06-2.5

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310327

CH2M HILL

Atten: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** November 10, 1993
Submitted: October 26, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1342 *Analyzed on:* November 10, 1993
Matrix: WATER

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34678	A1-DM-01	TRIFLUOROTOLUENE	113	80-120

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December 2, 1993 ChromaLab File#: 9310326

CH2M HILL

Attn: B. Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 26, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1342 *Analyzed on:* November 10, 1993
Matrix: WATER

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. ug/L	1010 ug/L	109	--	80-118	N/A	20
BENZENE	N.D. ug/L	16 ug/L	104	106	80-127	1.90	20
TOLUENE	N.D. ug/L	16 ug/L	101	104	81-122	2.93	20
ETHYL BENZENE	N.D. ug/L	16 ug/L	108	111	81-119	2.74	20
XYLENES	N.D. ug/L	48 ug/L	106	108	83-118	1.87	20
TRIFLUOROTOLUENE	114 ng	100 ng	107	110	-	2.21	20

Sample spiked: Lab #: 34660
ChromaLab File #: 9310326
Client Sample ID: A20-K-02

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CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 1, 1993

File number: 9310327
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

METHOD BLANK

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name:
Date Analyzed: November 1, 1993

File number: 9310327
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD Sample Spiked: 9310326/A3-SB-01-7.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
Bromomethane	µg/L	N.D.	20	15.2	76	15.4	77	56/118	1.3	20
Trichloroethene	µg/L	N.D.	20	19.0	95	19.4	97	60/129	2.1	20
Tetrachloroethene	µg/L	N.D.	20	21.2	106	21.4	107	60/127	0.9	20
1,3-Dichlorobenzene	µg/L	N.D.	20	20.4	102	20.0	100	60/136	2.0	20

BLANK SPIKE

PARAMETER	UNITS	BLANK RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC
Bromomethane	µg/L	N.D.	20	15.2	76
Trichloroethene	µg/L	N.D.	20	17.8	89
Tetrachloroethene	µg/L	N.D.	20	20.0	100
1,3-Dichlorobenzene	µg/L	N.D.	20	19.4	97

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 1, 1993

File number: 9310327
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-Dichlorobutane Recovery (%)
Blank	101
Blank Spike	100
A3-SB-01-7.5	101
A3-SB-01-7.5 MS	104
A3-SB-01-7.5 MSD	103

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GENERAL CHEMISTRY-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310327
Method: TRPH
Method number: EPA 418.2
Matrix: Soil
Reporting Limit: 10 mg/Kg

Sample I.D.: A19-SS-01-3.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SAMPLE RESULT	% REC	DUP SPIKED SAMPLE RESULT	% REC	% RPD
TRPH	mg/Kg	N.D.	50	49.0	98	52.0	104	5.9

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB,INC.

December 1, 1993 **ChromaLab File#:** 9310345

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** November 8, 1993
Submitted: October 27, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1391 *Analyzed on:* November 8, 1993
Matrix: SOIL

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34922	A10-SB-02-2.0	TRIFLUOROTOLUENE	108	80-120
34923	A10-SB-02-6.5	TRIFLUOROTOLUENE	103	80-120
34924	A10-SB-03-2.0	TRIFLUOROTOLUENE	104	80-120
34925	A10-SB-03-5.0	TRIFLUOROTOLUENE	100	80-120
34926	A10-SB-03-5.5D	TRIFLUOROTOLUENE	98	80-120
34927	A10-SB-04-2.5	TRIFLUOROTOLUENE	92	80-120
34928	A10-SB-04-6.0	TRIFLUOROTOLUENE	98	80-120
34929	A10-SB-05-2.5	TRIFLUOROTOLUENE	98	80-120
34930	A10-SB-05-5.5	TRIFLUOROTOLUENE	106	80-120
34931	A10-SB-06-2.5	TRIFLUOROTOLUENE	94	80-120
34932	A10-SB-06-6.0	TRIFLUOROTOLUENE	110	80-120
34933	A10-SB-07-2.0	TRIFLUOROTOLUENE	105	80-120
34934	A10-SB-07-6.0	TRIFLUOROTOLUENE	114	80-120

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CHROMALAB,INC.

December 2, 1993 ChromaLab File#: 9310345

CH2M HILL

Attn: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.KS.ZZ
Submitted: October 27, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1391 *Analyzed on:* November 8, 1993
Matrix: SOIL

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. mg/Kg	5 mg/Kg	104	--	80-118	N/A	20
BENZENE	N.D. ug/Kg	80 ug/Kg	110	114	80-127	3.57	20
TOLUENE	N.D. ug/Kg	80 ug/Kg	112	113	81-122	0.89	20
ETHYL BENZENE	N.D. ug/Kg	80 ug/Kg	114	115	81-119	0.00	20
XYLENES	N.D. ug/Kg	240 ug/Kg	116	116	83-118	0.57	20
TRIFLUOROTOLUENE	108 ng	100 ng	108	109	-	0.74	20

Sample spiked: Lab #: 34922
ChromaLab File #: 9310345
Client Sample ID: A10-SB-02-2.0

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 2, 1993

File number: 9310345
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

BLANK RESULT

Compound Name	Result ug/Kg	Reporting Limits ug/Kg
CHLOROMETHANE	N.D.	5.0
VINYL CHLORIDE	N.D.	5.0
BROMOMETHANE	N.D.	5.0
CHLOROETHANE	N.D.	5.0
TRICHLOROFLUOROMETHANE	N.D.	5.0
1,1-DICHLOROETHENE	N.D.	5.0
METHYLENE CHLORIDE	N.D.	25.0
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0
1,2-DICHLOROETHENE (CIS)	N.D.	5.0
1,1-DICHLOROETHANE	N.D.	5.0
CHLOROFORM	N.D.	5.0
1,1,1-TRICHLOROETHANE	N.D.	5.0
CARBON TETRACHLORIDE	N.D.	5.0
1,2-DICHLOROETHANE	N.D.	5.0
TRICHLOROETHENE	N.D.	5.0
1,2-DICHLOROPROPANE	N.D.	5.0
BROMODICHLOROMETHANE	N.D.	5.0
2-CHLOROETHYLVINYLETHER	N.D.	5.0
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0
CIS-1,3-DICHLOROPROPENE	N.D.	5.0
1,1,2-TRICHLOROETHANE	N.D.	5.0
TETRACHLOROETHENE	N.D.	5.0
DIBROMOCHLOROMETHANE	N.D.	5.0
CHLOROBENZENE	N.D.	5.0
BROMOFORM	N.D.	5.0
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0
1,3-DICHLOROBENZENE	N.D.	5.0
1,4-DICHLOROBENZENE	N.D.	5.0
1,2-DICHLOROBENZENE	N.D.	5.0
FREON 113	N.D.	5.0

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HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 2, 1993

File number: 9310345
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

MS/MSD SAMPLE SPIKED: A10-SB-02-2.0

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethane	µg/Kg	N.D.	100	90	90	89	89	56/118	1.1	20
Trichloroethene	µg/Kg	N.D.	100	94	94	96	96	60/129	1.2	20
Tetrachloroethene	µg/Kg	N.D.	100	109	109	109	109	60/127	0	20
1,3-Dichlorobenzene	µg/Kg	N.D.	100	90	90	95	95	60/136	5.4	20

BLANK SPIKE

PARAMETER	UNITS	BLANK RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC
1,1 Dichloroethane	µg/Kg	N.D.	100	88	88
Trichloroethene	µg/Kg	N.D.	100	87	87
Tetrachloroethene	µg/Kg	N.D.	100	94	94
1,3-Dichlorobenzene	µg/Kg	N.D.	100	93	93

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL PAGE 3

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 2, 1993

File number: 9310345
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

SURROGATE RECOVERIES

Sample	1,4-DICHLOROBUTANE %
BLANK	98
BLANK SPIKE	101
A10-SB-02-2.0	102
A10-SB-02-2.0 MS	100
A10-SB-02-2.0 MSD	100
A10-SB-02-6.5	106
A10-SB-03-2.0	104
A10-SB-03-5.0	106
A10-SB-03-5.0D	104
A10-SB-04-2.5	99
A10-SB-04-6.0	98
A10-SB-05-2.5	92
A10-SB-05-5.5	101
A10-SB-06-2.5	92
A10-SB-06-6.0	96
A10-SB-07-2.0	89
A10-SB-07-6.0	95

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TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 1, 1993

File number: 9310345
Method: TEPH
Method number: EPA 8015
Matrix: Soil

MS/MSD Sample spiked: A-10-SB-04-2.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	mg/Kg	N.D.	7.4	7.84	106	8.21	111	70/120	4.6	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 1, 1993

File number: 9310345
Method: TEPH
Method number: EPA 8015
Matrix: Soil

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	98
A-10-SB-04-2.5	79
A-10-SB-04-2.5 MS	117
A-10-SB-04-2.5 MSD	122
A-10-SB-02-2.0	91
A-10-SB-02-6.5	90
A-10-SB-03-2.0	91
A-10-SB-03-5.0	81
A-10-SB-02-5.5D	80
A-10-SB-04-6.0	104
A-10-SB-05-2.5	113
A-10-SB-05-5.5	77
A-10-SB-06-2.5	94
A-10-SB-06-5.0	103
A-10-SB-07-2.0	100
A-10-SB-07-6.0	96

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CHROMALAB,INC.

December 1, 1993 **ChromaLab File#:** 9310346

CH2M HILL

Atten: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** November 2, 1993
Submitted: October 27, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1357 *Analyzed on:* November 2, 1993
Matrix: WATER

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34935	A20-DM-04	TRIFLUOROTOLUENE	97	80-120
34936	A20-DM-05	TRIFLUOROTOLUENE	97	80-120
34937	A20-DM-06	TRIFLUOROTOLUENE	95	80-120
34938	EQUIPBLANK	TRIFLUOROTOLUENE	104	80-120

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310346

CH2M HILL

Attn: Bern Baumgartner

Project: DEL MONTE 35 **Project#:** SFO28830.P1.FW
Submitted: October 27, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1357 *Analyzed on:* November 2, 1993
Matrix: WATER

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. ug/L	1010 ug/L	89	--	80-118	N/A	20
BENZENE	N.D. ug/L	16 ug/L	93	97	80-127	4.21	20
TOLUENE	N.D. ug/L	16 ug/L	94	94	81-122	0.00	20
ETHYL BENZENE	N.D. ug/L	16 ug/L	96	98	81-119	2.06	20
XYLENES	N.D. ug/L	48 ug/L	97	99	83-118	1.36	20
TRIFLUOROTOLUENE	97 ng	100 ng	93	94	-	1.71	20

Sample spiked: Lab #: 34935
ChromaLab File #: 9310346
Client Sample ID: A20-DM-04

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TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS REPORT-QUALITY CONTROL

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 30, 1993

File number: 9310346
Method: TEPH
Method number: EPA 8015
Matrix: Water

MS/MSD Sample spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	ug/L	N.D.	223	221	99	198	89	70/120	11	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: October 30, 1993

File number: 9310346
Method: TEPH
Method number: EPA 8015
Matrix: Water

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	109
Blank Spike	98
Blank Spike Duplicate	131
A20-DM-04	130
A20-DM-05	83
A20-DM-06	91
EQUIPMENT BLANK	105

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 2, 1993

File number: 9310346
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

BLANK RESULT

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 2, 1993

File number: 9310346
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD SAMPLE SPIKED: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethane	µg/L	N.D.	20	18.0	90	16.4	82	56/118	9.3	20
Trichloroethene	µg/L	N.D.	20	19.0	95	19.2	96	60/129	1.0	20
Tetrachloroethene	µg/L	N.D.	20	21.2	106	22.6	113	60/127	6.4	20
1,3-Dichlorobenzene	µg/L	N.D.	20	15.0	75	16.4	82	60/136	8.9	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 2, 1993

File number: 9310346
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-DICHLOROBUTANE %
BLANK	98
BLANK SPIKE	101
A20-DM-04	108
A20-DM-05	105
A20-DM-06	102
EQUIPMENT BLANK	102
A10-SB-02-2.0	102
A10-SB-02-2.0 MS	100
A10-SB-02-2.0 MSD	100

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CHROMALAB, INC.

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5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Oct. 28, 1993

File number: 9310355/356
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

METHOD BLANK

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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Date: December 3, 1993
Client: CH2M HILL
Project Name:
Date Analyzed: October 28, 1993

File number: 9310355/356
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD Sample Spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethene	µg/L	N.D.	20	16.2	81	14.2	71	56/118	13	20
Trichloroethene	µg/L	N.D.	20	19.4	97	17.4	87	60/129	11	20
Tetrachloroethene	µg/L	N.D.	20	22.4	112	20.2	101	60/127	10	20
1,1,2,2 Tetrachloroethane	µg/L	N.D.	20	22.4	112	24.4	122	60/136	8.6	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Oct. 28, 1993

File number: 9310355/356
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-Dichlorobutane Recovery (%)
Blank	101
Blank Spike	102
Blank Spike Duplicate	102
A14-HOL-02	102
A14-HOL-03	104
A14-HOL-03D	104
A14-HOL-04	101
A14-PK-01	105
A14-PK-DM-02	107
A14-PK-DM-03	104

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5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Oct. 28, 1993

File number: 9310355/356
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

METHOD BLANK

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name:
Date Analyzed: October 28, 1993

File number: 9310355/356
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD Sample Spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethene	µg/L	N.D.	20	16.2	81	14.2	71	56/118	13	20
Trichloroethene	µg/L	N.D.	20	19.4	97	17.4	87	60/129	11	20
Tetrachloroethene	µg/L	N.D.	20	22.4	112	20.2	101	60/127	10	20
1,1,2,2 Tetrachloroethane	µg/L	N.D.	20	22.4	112	24.4	122	60/136	8.6	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Oct. 28, 1993

File number: 9310355/356
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-Dichlorobutane Recovery (%)
Blank	101
Blank Spike	102
Blank Spike Duplicate	102
A14-HOL-02	102
A14-HOL-03	104
A14-HOL-03D	104
A14-HOL-04	101
A14-PK-01	105
A14-PK-DM-02	107
A14-PK-DM-03	104

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310356

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** November 3, 1993
Submitted: October 28, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1368 *Analyzed on:* November 3, 1993
Matrix: WATER

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34989	A20-DM-02	TRIFLUOROTOLUENE	108	80-120
34990	A20-DM-03	TRIFLUOROTOLUENE	97	80-120

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CHROMALAB,INC.

December 2, 1993 ChromaLab File#: 9310356

CH2M HILL

Attn: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1368 *Analyzed on:* November 3, 1993
Matrix: WATER

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. ug/L	1010 ug/L	101	--	80-118	N/A	20
BENZENE	N.D. ug/L	16 ug/L	103	94	80-127	9.14	20
TOLUENE	N.D. ug/L	16 ug/L	105	93	81-122	12	20
ETHYL BENZENE	N.D. ug/L	16 ug/L	108	98	81-119	9.71	20
XYLENES	N.D. ug/L	48 ug/L	102	94	83-118	7.81	20
TRIFLUOROTOLUENE	108 ng	100 ng	102	101	-	1.57	20

Sample spiked: *Lab #:* 34989
ChromaLab File #: 9310356
Client Sample ID: A20-DM-02

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TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS REPORT-QUALITY CONTROL

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310356
Method: TEPH
Method number: EPA 8015
Matrix: Water

MS/MSD Sample spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	ug/L	N.D.	223	181	81	192	86	70/120	6.0	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310356
Method: TEPH
Method number: EPA 8015
Matrix: Water

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	102
Blank Spike	125
Blank Spike Duplicate	132
A20-DM-02	93
A20-DM-03	89

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GENERAL CHEMISTRY-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35

File number: 9310357
Method: TRPH
Method number: EPA 418.2
Matrix: Soil
Reporting Limit: 10 mg/Kg

Sample I.D.: A17-SB-02-3.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SAMPLE RESULT	% REC	DUP SPIKED SAMPLE RESULT	% REC	% RPD
TRPH	mg/Kg	N.D.	50	62.0	124	57.5	115	7.5

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310357

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** November 5, 1993
Submitted: October 28, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1389 *Analyzed on:* November 5, 1993
Matrix: SOIL

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34994	A20-K5-4.0	TRIFLUOROTOLUENE	106	80-120
34995	A20-K4-7.0	TRIFLUOROTOLUENE	113	80-120

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310357

CH2M HILL

Attn: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1389 *Analyzed on:* November 5, 1993
Matrix: SOIL

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. mg/Kg	5 mg/Kg	101	--	80-118	N/A	20
BENZENE	N.D. ug/Kg	80 ug/Kg	85	82	80-127	3.42	20
TOLUENE	N.D. ug/Kg	80 ug/Kg	94	90	81-122	3.95	20
ETHYL BENZENE	N.D. ug/Kg	80 ug/Kg	99	97	81-119	2.04	20
XYLENES	N.D. ug/Kg	240 ug/Kg	99	96	83-118	2.82	20
TRIFLUOROTOLUENE	113 ng	100 ng	91	94	-	3.26	20

Sample spiked: *Lab #:* 34995
ChromaLab File #: 9310357
Client Sample ID: A20-K4-7.0

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 9, 1993

File number: 9310357
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

METHOD BLANK

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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Federal ID #68-0140157

Date: December 3, 1993
Client: CH2M HILL
Project Name:
Date Analyzed: November 9, 1993

File number: 9310357
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD Sample Spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethene	µg/L	N.D.	20	16.6	82	16.2	81	56/118	2.4	20
Trichloroethene	µg/L	N.D.	20	18.4	92	17.6	88	60/129	4.4	20
Tetrachloroethene	µg/L	N.D.	20	19.6	98	18.8	94	60/127	4.2	20
1,1,2,2 Tetrachloroethane	µg/L	N.D.	20	22.2	111	20.6	103	60/136	7.5	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL page 3

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 9, 1993

File number: 9310357
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-Dichlorobutane Recovery (%)
Blank	99
Blank Spike	104
Blank Spike Duplicate	103
A20-K5-4.0	103
A20-K4-7.0	94

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TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS REPORT-QUALITY CONTROL

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310358
Method: TEPH
Method number: EPA 8015
Matrix: Water

MS/MSD

Sample spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	ug/L	N.D.	223	181	81	192	86	70/120	6.0	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: December 1, 1993

File number: 9310358
Method: TEPH
Method number: EPA 8015
Matrix: Water

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	102
Blank Spike	125
Blank Spike Duplicate	132
A-2-K-01	129
A-10-SB-01	132
A-10-SB-01D	120

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310358

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** November 3, 1993
Submitted: October 28, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1368 *Analyzed on:* November 3, 1993
Matrix: WATER

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34997	A10-SB-01	TRIFLUOROTOLUENE	97	80-120
34998	A10-SB-01D	TRIFLUOROTOLUENE	98	80-120

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CHROMALAB,INC.

December 2, 1993 ChromaLab File#: 9310356

CH2M HILL

Attn: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1368 *Analyzed on:* November 3, 1993
Matrix: WATER

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. ug/L	1010 ug/L	101	--	80-118	N/A	20
BENZENE	N.D. ug/L	16 ug/L	103	94	80-127	9.14	20
TOLUENE	N.D. ug/L	16 ug/L	105	93	81-122	12	20
ETHYL BENZENE	N.D. ug/L	16 ug/L	108	98	81-119	9.71	20
XYLENES	N.D. ug/L	48 ug/L	102	94	83-118	7.81	20
TRIFLUOROTOLUENE	108 ng	100 ng	102	101	-	1.57	20

Sample spiked: *Lab #:* 34989
ChromaLab File #: 9310356
Client Sample ID: A20-DM-02

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 3, 1993

File number: 9310358
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

METHOD BLANK

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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Date: December 3, 1993
Client: CH2M HILL
Project Name:
Date Analyzed: November 3, 1993

File number: 9310358
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD Sample Spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
CIS 1,2-Dichloethene	µg/L	N.D.	20	20.4	102	20.0	100	56/118	2.0	20
Chloroform	µg/L	N.D.	20	21.2	106	20.8	104	60/129	1.9	20
1,2-dichloroethane	µg/L	N.D.	20	16.4	82	17.2	86	60/127	4.8	20
Bromoform	µg/L	N.D.	20	19.0	95	17.0	85	60/136	11	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed:

File number: 9310358
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-Dichlorobutane Recovery (%)
Blank	93
Blank Spike	112
Blank Spike Duplicate	92
A10-SB-01	97
A10-SP-01D	86

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9310359

CH2M HILL

Atten: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** November 4, 1993
Submitted: October 28, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1380 *Analyzed on:* November 4, 1993
Matrix: SOIL

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
34999	A3-SS-05-0.5	TRIFLUOROTOLUENE	111	80-120
35000	A10-SB-01-2.0	TRIFLUOROTOLUENE	118	80-120
35001	A10-SB-01-6.0	TRIFLUOROTOLUENE	110	80-120

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310359

CH2M HILL

Attn: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830KSZZ
Submitted: October 28, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1380 *Analyzed on:* November 4, 1993
Matrix: SOIL

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. mg/Kg	5 mg/Kg	94	26	80-118	17	20
BENZENE	N.D. ug/Kg	80 ug/Kg	94	86	80-127	8.96	20
TOLUENE	N.D. ug/Kg	80 ug/Kg	91	84	81-122	8.32	20
ETHYL BENZENE	N.D. ug/Kg	80 ug/Kg	98	90	81-119	8.46	20
XYLENES	N.D. ug/Kg	240 ug/Kg	3230	30	83-118	196	20
TRIFLUOROTOLUENE	111 ng	100 ng	107	107	-	0.06	20

Sample spiked: *Lab #:* 35453
ChromaLab File #: 9311028
Client Sample ID: B-2-41.5U

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GENERAL CHEMISTRY-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 10, 1993

File number: 9310359
Method: TRPH
Method number: EPA 418.2
Matrix: Soil
Reporting Limit: 10 mg/Kg

Sample I.D.: A17-SB-02-3.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SAMPLE RESULT	% REC	DUP SPIKED SAMPLE RESULT	% REC	% RPD
TRPH	mg/Kg	N.D.	50	62.0	124	57.5	115	7.5

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 10, 1993

File number: 9310359
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

BLANK RESULT

Compound Name	Result ug/Kg	Reporting Limits ug/Kg
CHLOROMETHANE	N.D.	5.0
VINYL CHLORIDE	N.D.	5.0
BROMOMETHANE	N.D.	5.0
CHLOROETHANE	N.D.	5.0
TRICHLOROFLUOROMETHANE	N.D.	5.0
1,1-DICHLOROETHENE	N.D.	5.0
METHYLENE CHLORIDE	N.D.	25.0
1,2-DICHLOROETHENE (TRANS)	N.D.	5.0
1,2-DICHLOROETHENE (CIS)	N.D.	5.0
1,1-DICHLOROETHANE	N.D.	5.0
CHLOROFORM	N.D.	5.0
1,1,1-TRICHLOROETHANE	N.D.	5.0
CARBON TETRACHLORIDE	N.D.	5.0
1,2-DICHLOROETHANE	N.D.	5.0
TRICHLOROETHENE	N.D.	5.0
1,2-DICHLOROPROPANE	N.D.	5.0
BROMODICHLOROMETHANE	N.D.	5.0
2-CHLOROETHYLVINYLETHER	N.D.	5.0
TRANS-1,3-DICHLOROPROPENE	N.D.	5.0
CIS-1,3-DICHLOROPROPENE	N.D.	5.0
1,1,2-TRICHLOROETHANE	N.D.	5.0
TETRACHLOROETHENE	N.D.	5.0
DIBROMOCHLOROMETHANE	N.D.	5.0
CHLOROBENZENE	N.D.	5.0
BROMOFORM	N.D.	5.0
1,1,2,2-TETRACHLOROETHANE	N.D.	5.0
1,3-DICHLOROBENZENE	N.D.	5.0
1,4-DICHLOROBENZENE	N.D.	5.0
1,2-DICHLOROBENZENE	N.D.	5.0
FREON 113	N.D.	5.0

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Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date KAnalyzed: November 10, 1993

File number: 9310359
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

MS/MSD SAMPLE SPIKED: A3-SS-05-0.5

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethene	µg/Kg	N.D.	50	41.0	82	38.5	77	56/118	6.3	20
Trichloroethene	µg/Kg	N.D.	50	46.5	93	47.5	95	60/129	2.1	20
Tetrachloroethene	µg/Kg	N.D.	50	53.5	107	51.5	103	60/127	3.8	20
1,1,2,2 Tetrachloroethane	µg/Kg	N.D.	50	58.5	117	61.5	123	60/136	5.0	20

BLANK SPIKE

PARAMETER	UNITS	BLANK RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC
1,1 Dichloroethene	µg/Kg	N.D.	50	40.5	81
Trichloroethene	µg/Kg	N.D.	50	44.0	88
Tetrachloroethene	µg/Kg	N.D.	50	47.0	94
1,1,2,2 Tetrachloroethane	µg/Kg	N.D.	50	51.5	103

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL PAGE 3

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 10, 1993

File number: 9310359
Method: Halogenated Volatiles
Method number: EPA 8010
Matrix: Soil

SURROGATE RECOVERIES

Sample	1,4-DICHLOROBUTANE %
BLANK	103
BLANK SPIKE	103
A3-SS-05-0.5	104
A3-SS-05-0.5 MS	99
A3-SS-05-0.5 MSD	97
A3-SB-01-2.0	100
A3-SB-01-6.0	107

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Federal ID #68-0140157

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 1, 1993

File number: 9310359
Method: TEPH
Method number: EPA 8015
Matrix: Soil

MS/MSD Sample spiked: 9310361 / TPD2 @ 5'

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	mg/Kg	N.D.	7.4	6.59	89	6.22	84	70/120	5.8	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 1, 1993

File number: 9310359
Method: TEPH
Method number: EPA 8015
Matrix: Soil

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	91
A3-SS-05-0.5	123
A10-SB-01-2.0	96
A10-SB-01-6.0	102
TPD2 @ 5'	97
TPD2 @ 5' MS	123
TPD2 @ 5' MSD	128

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CHROMALAB,INC.

December 2, 1993 **ChromaLab File#:** 9311004

CH2M HILL

Atten: B.Baumgartner/V. Blum

Project: DEL MONTE 35 **Project#:** November 3, 1993
Submitted: October 29, 1993

re: SURROGATE results for Gasoline and BTEX analysis.

Run number: 1368 *Analyzed on:* November 3, 1993
Matrix: WATER

Lab #	Client Sample ID	Surrogate	% Recov	Control Limits
35140	A20-K-03	TRIFLUOROTOLUENE	104	80-120
35141	A20-K-04	TRIFLUOROTOLUENE	101	80-120
35142	A20-K-05	TRIFLUOROTOLUENE	104	80-120

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CHROMALAB,INC.

December 2, 1993

ChromaLab File#: 9310356

CH2M HILL

Attn: BERN BAUMGARTNER

Project: DEL MONTE 35 **Project#:** SFO28830P1FW
Submitted: October 28, 1993

re: MATRIX SPIKE report for Gasoline and BTEX analysis.

Run number: 1368 *Analyzed on:* November 3, 1993
Matrix: WATER

Analyte	Sample Result	Spike Amt.	Spike % Recovery	Dup. Spike % Recovery	Control Limits	% RPD	% RPD Limit
GASOLINE	N.D. ug/L	1010 ug/L	101	--	80-118	N/A	20
BENZENE	N.D. ug/L	16 ug/L	103	94	80-127	9.14	20
TOLUENE	N.D. ug/L	16 ug/L	105	93	81-122	12	20
ETHYL BENZENE	N.D. ug/L	16 ug/L	108	98	81-119	9.71	20
XYLENES	N.D. ug/L	48 ug/L	102	94	83-118	7.81	20
TRIFLUOROTOLUENE	108 ng	100 ng	102	101	-	1.57	20

Sample spiked: *Lab #:* 34989
ChromaLab File #: 9310356
Client Sample ID: A20-DM-02

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(510) 831-3798

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

December 1, 1993 ChromaLab File No.: 9311004

CH2M HILL

Attn: B.Baumgartner/V. Blum

RE: One soil sample for Total Recoverable Petroleum Hydrocarbon (TRPH) analysis by EPA 418.1

Project Name: DEL MONTE 35
Project Number: SFO28830.KS
Date Sampled: October 28, 1993 Date Submitted: October 29, 1993
Date Analyzed: December 1, 1993

RESULTS:

Sample I.D.	Total Recoverable Petroleum Hydrocarbon (mg/Kg)
S1-112993	15
BLANK	N.D.
DETECTION LIMIT	10
METHOD OF ANALYSIS	EPA 418.1

ChromaLab, Inc.

Carolyn M. House
Analyst

Eric Tam
Laboratory Director

jm

2239 Omega Road,#1 • San Ramon, California 94583
(510) 831-1788 • Facsimile (510) 831-8798
Federal ID #68-0140157

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS REPORT-QUALITY CONTROL

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 4, 1993

File number: 9311004
Method: TEPH
Method number: EPA 8015
Matrix: Water

MS/MSD

Sample spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD	RPD LIMIT %
Diesel	ug/L	N.D.	223	194	87	181	81	70/120	7.1	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS-QUALITY CONTROL page 2

Date: December 2, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 4, 1993

File number: 9311004
Method: TEPH
Method number: EPA 8015
Matrix: Water

SURROGATE RECOVERIES

Sample	o-Terphenyl %
Blank	101
Blank Spike	125
Blank Spike Duplicate	83
A-20-K-03	109
A-20-K-04	113
A-20-K-05	128

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CHROMALAB, INC.

Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 4, 1993

File number: 9311004
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

METHOD BLANK

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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Date: December 3, 1993
Client: CH2M HILL
Project Name:
Date Analyzed: November 4, 1993

File number: 9311004
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD Sample Spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethene	µg/L	N.D.	20	15.4	77	14.6	73	56/118	5.3	20
Trichloroethene	µg/L	N.D.	20	18.8	94	18.0	90	60/129	4.4	20
Tetrachloroethene	µg/L	N.D.	20	21.8	109	20.8	104	60/127	4.7	20
1,1,2,2 Tetrachloroethane	µg/L	N.D.	20	23.6	118	22.0	110	60/136	7.0	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: Nov. 4, 1993

File number: 9311004
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-Dichlorobutane Recovery (%)
Blank	104
Blank Spike	100
Blank Spike Duplicte	101
A20-K-03	105
A20-K-04	103
A20-K-05	105

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CHROMALAB, INC.

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5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 9, 1993

File number: 9311057
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

METHOD BLANK

Compound Name	Result ug/L	Reporting Limits ug/L
CHLOROMETHANE	N.D.	0.5
VINYL CHLORIDE	N.D.	0.5
BROMOMETHANE	N.D.	0.5
CHLOROETHANE	N.D.	0.5
TRICHLOROFLUOROMETHANE	N.D.	0.5
1,1-DICHLOROETHENE	N.D.	0.5
METHYLENE CHLORIDE	N.D.	5.0
1,2-DICHLOROETHENE (TRANS)	N.D.	0.5
1,2-DICHLOROETHENE (CIS)	N.D.	0.5
1,1-DICHLOROETHANE	N.D.	0.5
CHLOROFORM	N.D.	0.5
1,1,1-TRICHLOROETHANE	N.D.	0.5
CARBON TETRACHLORIDE	N.D.	0.5
1,2-DICHLOROETHANE	N.D.	0.5
TRICHLOROETHENE	N.D.	0.5
1,2-DICHLOROPROPANE	N.D.	0.5
BROMODICHLOROMETHANE	N.D.	0.5
2-CHLOROETHYLVINYLETHER	N.D.	0.5
TRANS-1,3-DICHLOROPROPENE	N.D.	0.5
CIS-1,3-DICHLOROPROPENE	N.D.	0.5
1,1,2-TRICHLOROETHANE	N.D.	0.5
TETRACHLOROETHENE	N.D.	0.5
DIBROMOCHLOROMETHANE	N.D.	0.5
CHLOROBENZENE	N.D.	0.5
BROMOFORM	N.D.	0.5
1,1,2,2-TETRACHLOROETHANE	N.D.	0.5
1,3-DICHLOROBENZENE	N.D.	0.5
1,4-DICHLOROBENZENE	N.D.	0.5
1,2-DICHLOROBENZENE	N.D.	0.5
FREON 113	N.D.	0.5

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Date: December 3, 1993
Client: CH2M HILL
Project Name:
Date Analyzed: November 9, 1993

File number: 9311057
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

MS/MSD Sample Spiked: BLANK

PARAMETER	UNITS	SAMPLE RESULT	SPIKE CONC	SPIKED SAMPLE RESULT	% REC	DUP SPIKE RESULT	DUP % REC	CONTROL LIMITS	RPD %	RPD LIMIT %
1,1 Dichloroethene	µg/L	N.D.	20	16.6	82	16.2	81	56/118	2.4	20
Trichloroethene	µg/L	N.D.	20	18.4	92	17.6	88	60/129	4.4	20
Tetrachloroethene	µg/L	N.D.	20	19.6	98	18.8	94	60/127	4.2	20
1,1,2,2 Tetrachloroethane	µg/L	N.D.	20	22.2	111	20.6	103	60/136	7.5	20

% Recovery = (Spike Sample Result-Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spike Result-Duplicate Result)*100/Average Result

CHROMALAB, INC.
Environmental Laboratory (1094)

5 DAYS TURNAROUND

HALOGENATED VOLATILES REPORT-QUALITY CONTROL

Date: December 3, 1993
Client: CH2M HILL
Project Name: DEL MONTE 35
Date Analyzed: November 9, 1993

File number: 9311057
Method: Halogenated Volatiles
Method number: EPA 601
Matrix: Water

SURROGATE RECOVERIES

Sample	1,4-Dichlorobutane Recovery (%)
Blank	99
Blank Spike	104
Blank Spike Duplicate	103
A14-HOL-2A	103
A14-HOL-2AD	104
MW-1	106

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Federal ID #68-0140157

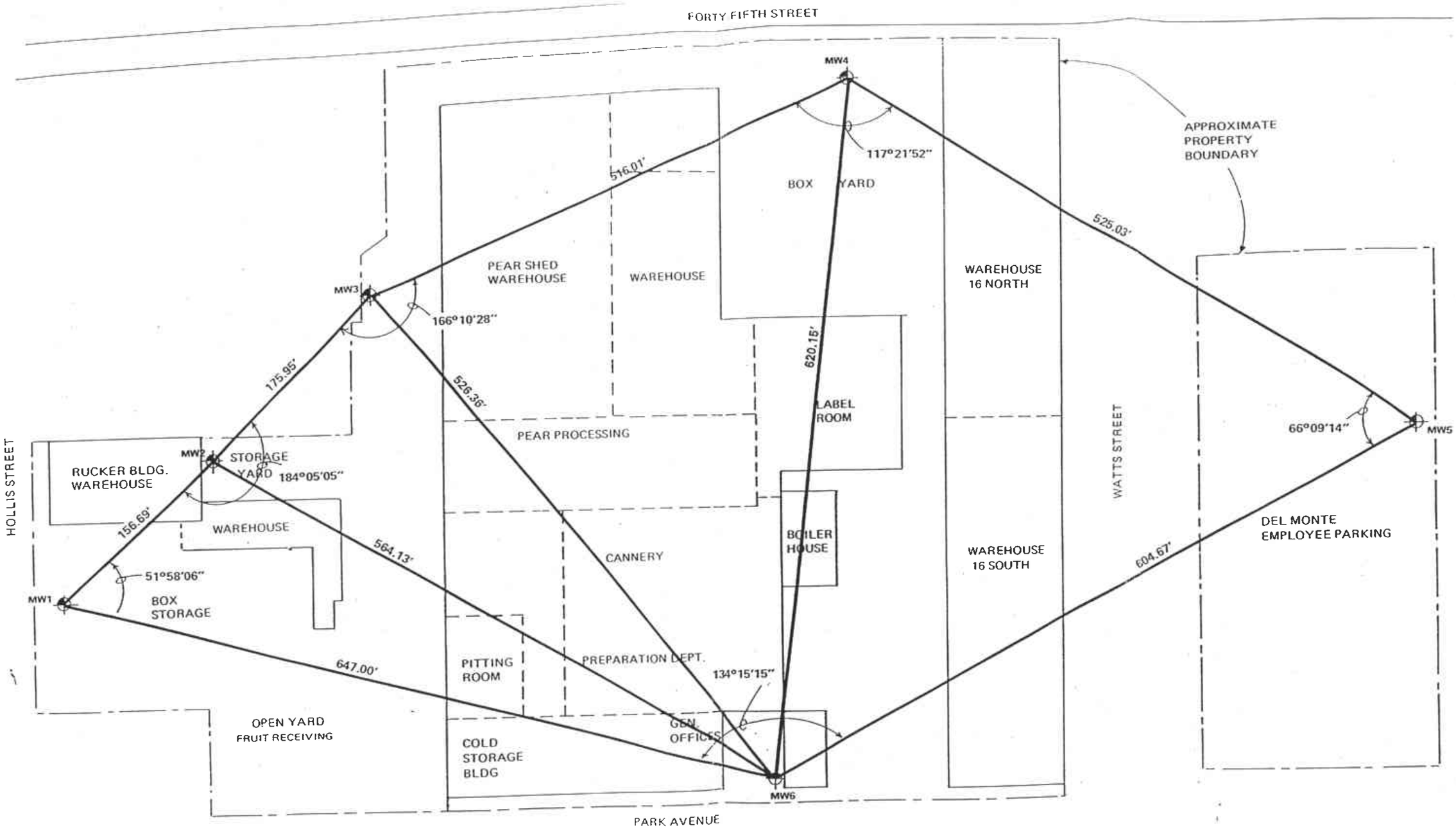
Appendix C
Survey Data

```
1
 ********************************************
 *                                          *
 *                 COGO3D                   *
 *          3-D COORDINATE GEOMETRY         *
 *                                          *
 *              CH2M Hill, Inc.             *
 *         2300 NW Walnut Boulevard         *
 *               P.O. Box 428               *
 *         Corvallis, Oregon  97330         *
 *                                          *
 *              VERSION  7.00               *
 *                15-AUG-91                 *
 *                                          *
 *            (C) COPYRIGHT 1991            *
 *              CH2M-HILL N.W.              *
 *            ALL RIGHTS RESERVED           *
 *                                          *
 *       RUN ON  19-NOV-93   8: 9 AM        *
 *                                          *
 *       IN:DELE9.DAT       OUT:DELE9.OUT   *
 *                                          *
 *                   NOTE                   *
 * This page contains valuable information  *
 * that should be saved.  If it becomes     *
 * necessary to rerun this analysis in the  *
 * future, this page will allow retrieval   *
 * of the proper program and data files.    *
 ********************************************
 SOJ /DELEMY
1
 * MONITERING WELL LOCATIONS
 * DEL MONTE SITE EMERYVILLE, CA
 LIST COORDINATES
     (900 102-112)
      MW-1      10000.0000(N)      25000.0000(E)        20.7900(Z)

      MW-2      10135.7690(N)      25078.2328(E)        24.4700(Z)

      MW-3      10294.0879(N)      25155.0090(E)        23.1700(Z)

      MW-4      10691.1221(N)      25484.5986(E)        28.8100(Z)

      MW-5      10578.9872(N)      25997.5119(E)        36.9700(Z)

      MW-6      10090.8957(N)      25640.5836(E)        27.5100(Z)

      MW-7       9895.4486(N)      25284.7739(E)        22.3800(Z)

      MW-8       9887.1524(N)      25099.7924(E)        21.7200(Z)

      MW-9       9922.1712(N)      25162.8695(E)        22.2800(Z)

      MW-10      9811.9519(N)      25069.3426(E)        19.2300(Z)

      MW-11      9869.0202(N)      25051.1395(E)        19.3300(Z)

 EOR
1
```

SOIL BORING LOCATIONS DEL MONTE PLANT
EMERYVILLE, CA NOV. 1993

A3-SS-16	10226.0574(N)	25587.5540(E)	28.5574(Z)
A19-SS-10	10304.2033(N)	25664.5342(E)	29.2685(Z)
A19-SS-09	10352.3341(N)	25656.2653(E)	29.1201(Z)
A19-SS-08	10391.0765(N)	25630.0973(E)	29.3370(Z)
A19-SS-07	10435.7783(N)	25616.6008(E)	29.3180(Z)
A20-K-2	10438.3067(N)	25600.6343(E)	29.2139(Z)
A19-SS-06	10468.6379(N)	25586.8598(E)	29.2231(Z)
A19-SS-05	10513.3886(N)	25579.6301(E)	29.3749(Z)
A19-SS-04	10541.1813(N)	25552.0136(E)	29.2294(Z)
A19-SS-03	10590.1751(N)	25542.4853(E)	29.2080(Z)
A19-SS-02	10628.2091(N)	25503.4990(E)	29.4386(Z)
A20-DM-01	10660.8966(N)	25495.7563(E)	28.7745(Z)
A3-SS-05	10335.0298(N)	25481.3645(E)	27.8775(Z)
A3-SB-04	10359.4096(N)	25443.1455(E)	27.9776(Z)
A3-SS-07	10366.6743(N)	25381.9325(E)	28.1519(Z)
A3-SS-08	10390.2635(N)	25442.3107(E)	28.0849(Z)
A3-SS-03	10320.7674(N)	25489.1501(E)	28.2100(Z)
A3-SB-03	10310.3165(N)	25441.7743(E)	28.2400(Z)
A3-SS-09	10553.3002(N)	25283.8537(E)	27.9676(Z)
A3-SS-10	10306.8837(N)	25334.1331(E)	28.0611(Z)
A3-SS-02	10307.5393(N)	25230.7071(E)	28.1100(Z)
A3-SB-02	10325.7156(N)	25206.8264(E)	28.0700(Z)
A3-SS-12	10250.2668(N)	25269.6182(E)	27.8168(Z)
A3-SS-11	10268.1119(N)	25307.0588(E)	27.9695(Z)
A3-SS-13	10290.4018(N)	25351.9887(E)	27.7707(Z)
A3-SS-14	10196.1305(N)	25290.2850(E)	27.9807(Z)
A3-SS-15	10164.7282(N)	25305.4917(E)	28.1434(Z)
A3-SS-20	10208.9491(N)	25444.6753(E)	28.0982(Z)
A20-K-01	10287.5549(N)	25535.4208(E)	28.4668(Z)
A3-SB-01	10201.6356(N)	25545.2380(E)	28.2474(Z)

A3-SS-01	10187.8952(N)	25523.0136(E)	28.2479(Z)
A3-SS-19	10145.5809(N)	25474.6097(E)	28.1556(Z)
A3-SS-18	10045.7369(N)	25373.8044(E)	27.9078(Z)
A3-SS-17	10097.1736(N)	25358.4773(E)	27.9927(Z)
A3-SB-05	10141.5432(N)	25297.8335(E)	28.0639(Z)
A20-DM-6	9985.6672(N)	25294.6120(E)	24.3554(Z)
A20-DM-5	10121.0336(N)	25222.5844(E)	24.4083(Z)
A20-DM-4	10210.0792(N)	25179.2609(E)	24.3288(Z)
A10-SS-05	10150.2565(N)	25164.2060(E)	24.5026(Z)
A10-SB-07	10113.8060(N)	25089.4061(E)	24.8994(Z)
A10-SB-03	10111.5524(N)	25018.6521(E)	20.6925(Z)
A10-SB-01	10062.2715(N)	24962.4121(E)	20.6362(Z)
A10-SB-02	10055.7803(N)	25005.2462(E)	20.6848(Z)
A10-SB-04	10078.8736(N)	25115.0706(E)	25.2269(Z)
A10-SB-06	10107.6792(N)	25176.6394(E)	24.9522(Z)
A17-SB-01	10029.5015(N)	25107.2614(E)	22.9520(Z)
A13-SB-01	10035.9290(N)	25193.2961(E)	23.9375(Z)
A13-SB-02	10072.2161(N)	25191.9478(E)	23.9868(Z)
A20-K-3	10024.6926(N)	25227.6793(E)	24.1288(Z)
A3-SS-06	9958.1941(N)	25390.5073(E)	27.8400(Z)
A20-DM-3	10373.9863(N)	25147.2239(E)	23.2851(Z)
A20-DM-2	10441.0381(N)	25112.8149(E)	22.6492(Z)
A14-HOL-2	9842.0634(N)	25002.4978(E)	18.7413(Z)
A14-HOL-2A	9839.4597(N)	25003.9881(E)	18.7400(Z)
A14-HOL-3	9811.7172(N)	25014.0701(E)	18.5300(Z)
A14-HOL-4	9787.4340(N)	25027.9870(E)	22.5551(Z)
A14-PK1	9745.2262(N)	25122.2820(E)	18.9289(Z)
CH-MW-1	9671.1689(N)	25146.5444(E)	19.5078(Z)
A/20-K-4	10319.3104(N)	26125.7954(E)	35.2400(Z)
A/20-K-5	10456.2810(N)	26064.8915(E)	36.4600(Z)



ELEVATIONS

MW1	20.79'	MW4	28.81'
MW2	24.47'	MW5	36.97'
MW3	23.17'	MW6	27.51'

Elevations Based on Mean Sea Level
1973 Adjustment

FIGURE D-6
SURVEY DATA

DEL MONTE EMERYVILLE PLANT NO. 35
EMERYVILLE, CALIFORNIA

CH2MHILL

SFO27035.AO