SECOND QUARTER 1994
GROUNDWATER MONITORING
REPORT
CARNATION DAIRY FACILITY
OAKLAND, CALIFORNIA

8-94

Park
Environmental

ALCO
HAZMAT
94 SEP -7 AM 8:21

August 31, 1994

5008.J1

Ms. Jennifer Eberle
Department of Environmental Health
Hazardous Materials Division
80 Sway Way, Room 200
Oakland, CA 94601

Re: Second Quarter 1994 Groundwater Monitoring Report
Carnation Company
1310 14th Street
Oakland, California

Dear Ms. Eberle:

Park Environmental Corporation (**Park**) is pleased to provide this Second Quarter Groundwater Monitoring Report on behalf of Nestle USA, Inc. The report documents the work performed for the three month period of March, April and May, 1994.

Please call **Park's** Rocklin office at 916.652.3861 if you have any questions concerning this transmittal.

Sincerely,
Park Environmental Corporation

Peter Frank, R.E.A.
Project Geologist

PF:laa

cc: Mr. Binayak Acharya
Nestle USA, Inc.
800 Brand Boulevard
Glendale, CA 91203

Mr. Richard Hiett
CRWQCB
2101 Webster Street, Suite 500
Oakland, CA 94612

5008J12

SECOND QUARTER 1994
GROUNDWATER MONITORING
REPORT
CARNATION DAIRY FACILITY
1310 14TH STREET
OAKLAND, CALIFORNIA

PRESENTED TO:

ALAMEDA COUNTY HEALTH AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
DIVISION OF CLEAN WATER PROGRAM
UST LOCAL OVERSIGHT PROGRAM
80 SWAN WAY, ROOM 200
OAKLAND, CALIFORNIA 94621

ON BEHALF OF:

NESTLE USA, INC.
800 NORTH BRAND BOULEVARD
GLENDALE, CALIFORNIA 91203

PREPARED BY:

PARK ENVIRONMENTAL CORPORATION
4231 PACIFIC STREET
SUITE 7
ROCKLIN, CALIFORNIA 95677

AUGUST 8, 1994

TABLE OF CONTENTS

1.0 INTRODUCTION

Nestle USA, Inc., (Nestle) has retained Park Environmental Corporation (**Park**) to provide environmental services at the former Carnation facility in Oakland, California. A site location map and plot plan are included as Figures 1 and 2 in Appendix A. Nestle has authorized **Park** to prepare this Quarterly Groundwater Monitoring Report, which includes brief groundwater sampling methodology and findings sections.

The Alameda County Health Agency (ACHA) is the lead environmental agency. This work was requested by Ms. Susan Hugo and Ms. Jennifer Eberle with the ACHA in accordance with the meeting between ACHA, Mr. Richard Hiett of the California Regional Water Quality Control Board, Mr. Walter Carey with Nestle, USA, and Mr. Richard Zipp with **Park**, on September 17, 1992. This site is referenced by the ACHA as 1310 14th Street.

1.1 Scope of Services

Specific tasks completed during this investigation included the following:

- Measure depth to water and/or free product thicknesses in 71 monitoring wells;
- Calculate groundwater flow direction in the vicinity of the free product plume and in the vicinity of the property boundaries;
- Purge, sample and analyze ten monitoring wells (MW-2, MW-3, MW-6, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30 and MW-32) for total petroleum hydrocarbons as gasoline and diesel, benzene, toluene, ethylbenzene, and total xylenes (BTEX) and two samples (MW-26 and MW-32) for chlorinated volatile organic compounds using EPA Method 8015, 8020 and 601, respectively. In addition to the above mentioned analyses, modified EPA 8015 for gasoline tests were performed on an equipment blank and field duplicate sample for QA/QC purposes; and
- Prepare this Quarterly Monitoring Report documenting the findings.

2.0 GROUNDWATER MONITORING WELL SAMPLING METHODOLOGY

2.1 Groundwater Measurements

Prior to obtaining depth to groundwater measurements in the sampled wells, the wells were checked for the presence of free product utilizing a new disposable bailer for each well. Depth to groundwater measurements in the sampled wells and unsampled wells were made using a YSI model 3000 T-L-C Meter or Slope Indicator. Free product thicknesses were measured using a Free Product Interface Probe (manufactured by MMC). The depths to water or product were measured from the top of the well casing. Groundwater elevations were calculated using

measurements from surveyed monitoring wells not containing free product. Results of these measurements are included in Table I in Appendix B.

2.2 Monitoring Well Purging

Each monitoring well was purged with a submersible pump until at least three well volumes of water had been removed. All of the wells which were purged and sampled were constructed of 4-inch diameter PVC well casing (except MW-6 which is 2-inches in diameter). All purging and sampling equipment was washed in a solution of trisodium phosphate and rinsed in distilled water prior to each usage to reduce the potential for cross contamination between wells.

As groundwater was removed from the wells, pH, temperature and conductivity were monitored and recorded on a field data sheet. These field documents are kept in a permanent project file. A summary of the data obtained during the purging of the wells is presented in Table II in Appendix B.

The wells were allowed to stand for a period of time to regain equilibrium prior to sampling. Groundwater purged from the wells was placed in DOT-approved 55 gallon drums, pending receipt of analytical results to select the appropriate disposition.

2.3 Groundwater Analyses

Analyses of the groundwater were performed by a California certified laboratory in accordance with State guidelines and EPA protocols. Groundwater samples from the ten monitoring wells were analyzed for TPH as gasoline and diesel and BTEX using EPA methods 8015 and 8020, respectively. The ten wells sampled were MW-2, MW-3, MW-6, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30 and MW-32. In addition, groundwater from monitoring wells MW-26 and MW-32 was analyzed for chlorinated volatile organics using EPA method 601.

2.4 Groundwater Sampling

Proper sampling collection and handling are essential to assure the quality of the data obtained from the given sample. Each groundwater sample therefore was collected using a new sterile disposable bailer. The sampled water was placed in laboratory prepared 40 millimeter glass containers. The sample containers were filled with water to the top to expel air space and were sealed with teflon-lined caps. Water sample containers were labeled with the name of the sampler, the date, the job number, the preservative, and an identifying well number. The samples were then transported to Sierra Laboratories, in Anaheim, California. Full chain of custody protocol was followed during sample handling and delivery.

3.0 FINDINGS

3.1 Groundwater Conditions

3.1.1 Groundwater Flow Direction and Hydraulic Gradient

Groundwater monitoring wells containing free product were not used for the calculations of groundwater flow direction or hydraulic gradient. Groundwater measurements taken by **Park** on June 2, 1994 indicate that groundwater flow beneath the site continues to be in a northerly direction. The hydraulic gradient was calculated to be approximately 0.0028 or 0.28 feet per 100 feet beneath the site. Figure 3 in Appendix A shows graphically the flow direction of the groundwater. The measurements taken during this sampling event show the groundwater elevation ranging from about 5.00 to 5.50 feet above mean sea level (msl), which is consistent with the previous years sampling event. All data collected pertaining to the groundwater measurements is summarized in Table I in Appendix B.

3.1.2 Occurrence of Free Product

Free product was identified in 29 of the 71 monitoring wells that **Park** monitored for this investigation. The thickness of free product ranged from 0.01 feet to 2.81 feet, with an average thickness of 0.86 feet in the free product measured wells.

Measurements collected during the previous quarter's investigation showed an average free product thickness of 1.85 feet. The reduction of the average free product thickness suggests that the on-going vapor extraction remediation system is removing free phase petroleum hydrocarbons from the subsurface.

As reported by **Park** (July 12, 1994 "Vapor Extraction Remediation Update May and June, 1994"), approximately 2,462 gallons of petroleum hydrocarbons had been removed from the subsurface by July 1, 1994, which further explains the significant reduction of the free product thickness below the site. Figure 4 in Appendix A graphically presents the occurrence of free product and the relative thicknesses.

3.1.3 Results of Laboratory Analyses

Laboratory test results for groundwater samples collected on June 3, 1994 for this investigation as well as one year's previous quarterly sampling events are summarized in Table III in Appendix B. Results are also presented graphically on Figure 5 in Appendix A. Laboratory reports and chain of custody documents are included as Appendix C.

4.0 LIMITATIONS

The monitoring services performed by **Park** were performed in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing

in the same locality under similar conditions.

The findings presented in this report are based on present conditions and past written and/or oral information provided by regulatory agencies or Nestle USA. **Park** will not be responsible for any use by or interpretation or subsequent damages by any third party. Conditional changes may occur through time by natural or man-made processes on this or adjacent properties.

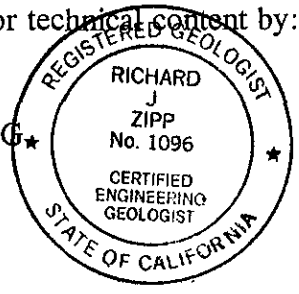
5.0 SIGNATURES

This report was prepared by:
Park Environmental Corporation

Peter Frank, R.E.A.
Project Geologist

This report was reviewed for technical content by:

Richard J. Zipp R.G., C.E.G.
Principal Hydrogeologist



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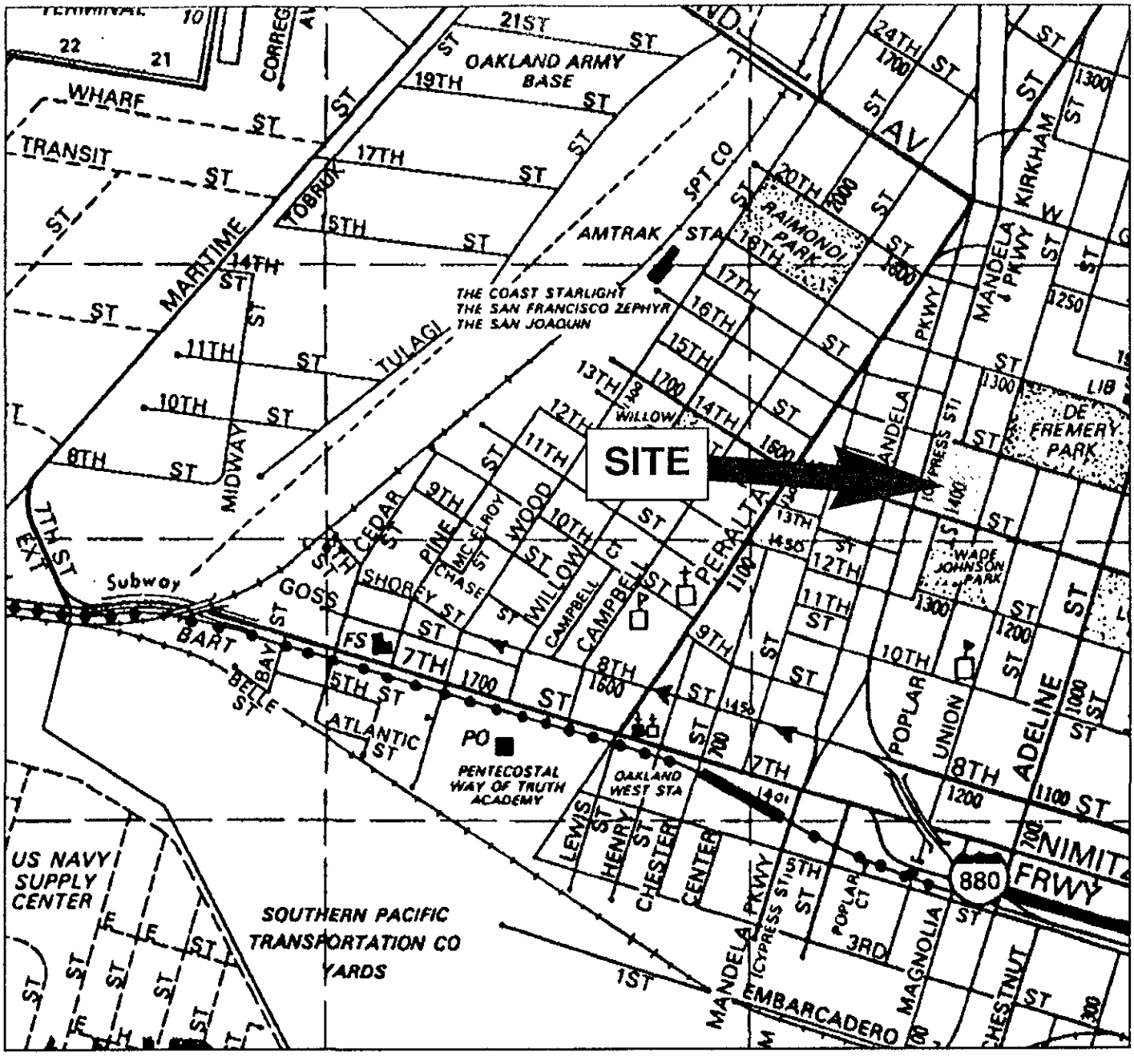


REFERENCE 1992, ALAMEDA COUNTY, THOMAS GUIDE MAP, PAGE 7

SITE LOCATION MAP
NESTLE/CARNATION COMPANY
1310 14TH STREET
OAKLAND, CALIFORNIA
PROJECT # 5008

SCALE: 1INCH EQUALS
APPROXIMATELY 1,200 FEET

Park Environmental

FIGURE 1

16TH STREET

MW-29

MW-25

MW-28

MW-26

MW-27

MW-30

MW-6

MW-14
DRY-NOT
SAMPLED

MW-3

FREEZER

MW-2

MW-32

FORMER 15TH STREET

N

W E

S

SCALE

0' 40'

LEGEND

GROUNDWATER MONITORING WELLS

ADDITIONAL WELLS EXIST ON SITE

SITE PLOT PLAN
SHOWING GROUNDWATER
MONITORING WELLS

CARNATION COMPANY
1310 14TH STREET
OAKLAND, CALIFORNIA
PROJECT # 5008-J12
5008-J12-1

FIGURE 2

Park Environmental

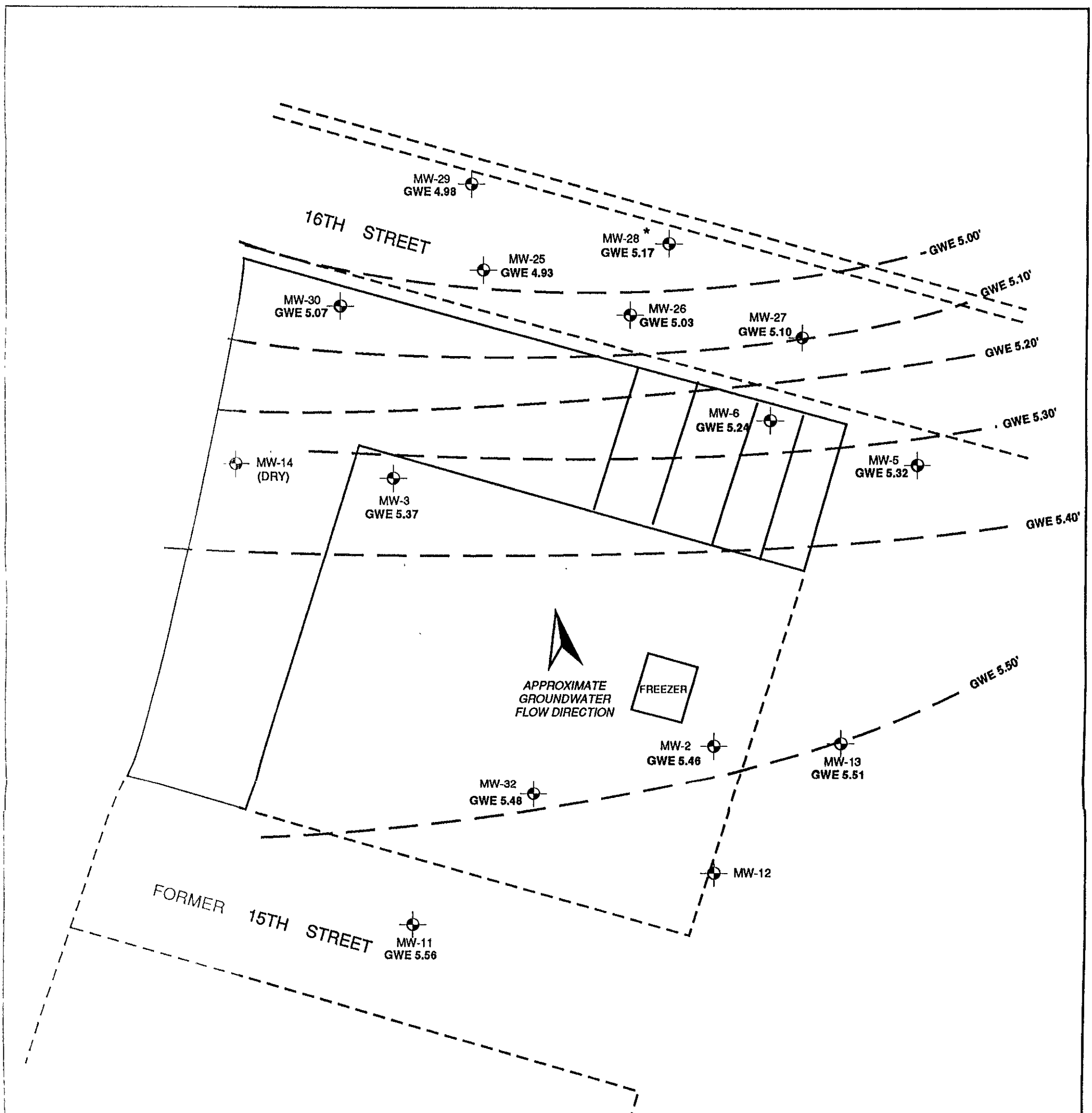

MW-29
GWE 4.98
16TH STREET
MW-28 *
GWE 5.17
MW-25
GWE 4.93
GWE 5.00'
GWE 5.10'
MW-30
GWE 5.07
MW-26
GWE 5.03
MW-27
GWE 5.10
GWE 5.20'
MW-6
GWE 5.24
GWE 5.30'
MW-14
(DRY)
MW-3
GWE 5.37
MW-5
GWE 5.32
GWE 5.40'
APPROXIMATE
GROUNDWATER
FLOW DIRECTION
FREEZER
GWE 5.50'
MW-2
GWE 5.46
MW-13
GWE 5.51
MW-32
GWE 5.48
MW-12
FORMER 15TH STREET
MW-11
GWE 5.56
N
W
E
S
SCALE
0'
40'
LEGEND
GROUNDWATER MONITORING WELLS NOT CONTAINING FREE PRODUCT
GWE GROUNDWATER ELEVATION
INFERRED LINE OF EQUAL GROUNDWATER ELEVATION
MW-28 * BELIEVED TO BE AN ANOMALOUS GROUNDWATER ELEVATION AND NOT USED FOR MAP PREPARATION
GROUNDWATER ELEVATION
AND FLOW DIRECTION MAP
JUNE 2, 1994
NESTLE FACILITY
1310 14TH STREET
OAKLAND, CALIFORNIA
PROJECT # 5008-J12
5008-J11-6 (8/5/94)
Park
Environmental
Leaving A Clean Environment.

FIGURE 3

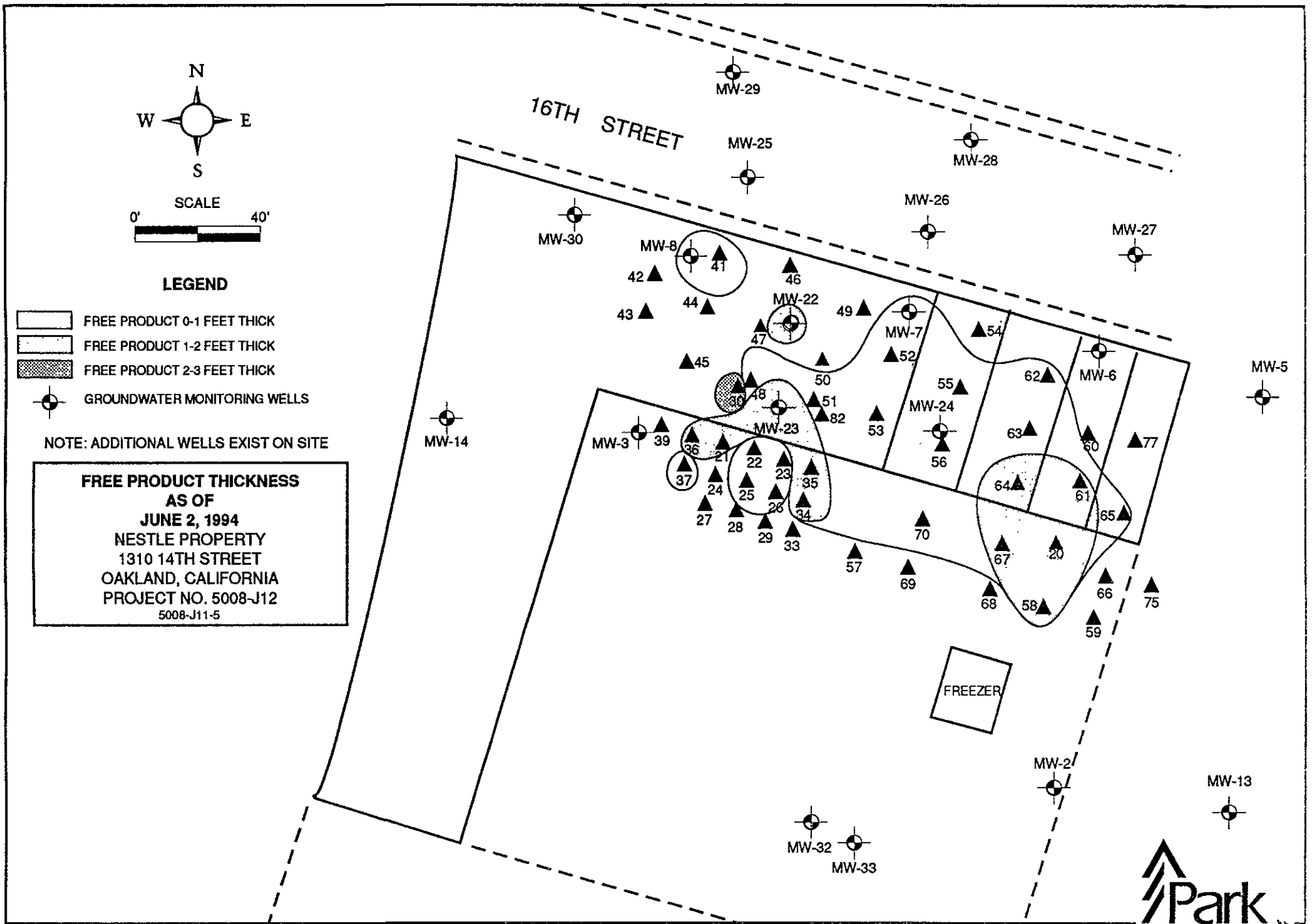
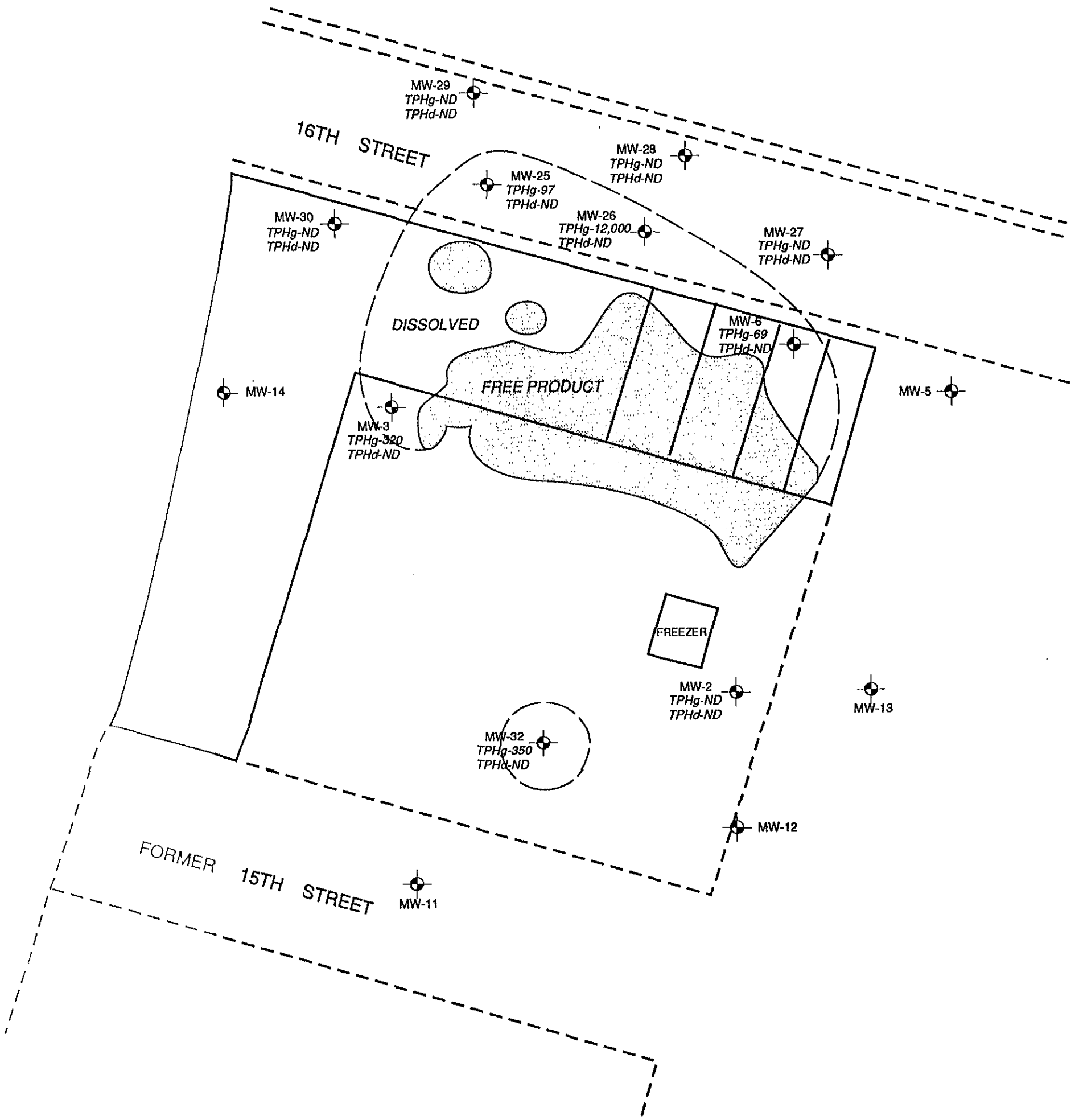

N
W
E
S
SCALE
0'
40'
LEGEND
FREE PRODUCT 0-1 FEET THICK
FREE PRODUCT 1-2 FEET THICK
FREE PRODUCT 2-3 FEET THICK
GROUNDWATER MONITORING WELLS
NOTE: ADDITIONAL WELLS EXIST ON SITE
FREE PRODUCT THICKNESS
AS OF
JUNE 2, 1994
NESTLE PROPERTY
1310 14TH STREET
OAKLAND, CALIFORNIA
PROJECT NO. 5008-J12
5008-J11-5
16TH STREET
MW-29
MW-25
MW-28
MW-26
MW-27
MW-30
MW-8
MW-22
MW-7
MW-6
MW-5
MW-14
MW-3
MW-23
MW-24
FREEZER
MW-2
MW-13
MW-32
MW-33

FIGURE 4



DISSOLVED CHEMICAL CONSTITUENTS MAP
JUNE 2, 1994
NESTLE FACILITY
1310 14TH STREET
OAKLAND, CALIFORNIA
PROJECT # 5008-J12
5008-J11-7 (8/5/94)

Park Environmental
Leaving A Clean Environment.

FIGURE 5

TABLE I
GROUNDWATER MEASUREMENTS
JUNE 2, 1994

Well No.	Depth to Product (FT)(TOC)	Depth to Water (FT)(TOC)	Casing Elevation (FT)	Product Thickness (FT)	Well Diameter (IN)	GWE (FT)
MW-1	-	10.83	16.49	-	4	5.66
MW-2*	-	9.65	-	-	4	-
MW-3*	-	8.93	14.30	-	4	5.37
MW-5	-	9.09	14.41	-	4	5.32
MW-6*	-	8.88	14.12	-	2	5.24
MW-7	9.12	9.38	14.29	0.26	4	NC
MW-8	8.93	9.24	14.20	0.31	-	NC
MW-9	-	9.46	-	-	4	-
MW-10	-	10.17	15.73	-	4	5.56
MW-11	-	8.99	-	-	4	-
MW-13	-	9.34	14.85	-	4	5.51
MW-22	9.02	10.16	14.44	1.14	2	NC
MW-23	8.21	10.00	-	1.79	4	NC
MW-24	9.11	10.08	14.67	0.97	2	NC
MW-25*	-	7.93	12.86	-	4	4.93
MW-26*	-	7.68	12.71	-	4	5.03
MW-27*	-	8.94	14.04	-	4	5.10
MW-28*	-	8.28	13.45	-	4	5.17
MW-29*	-	7.62	12.60	-	4	4.98
MW-30*	-	9.47	14.54	-	4	5.07
MW-31	-	9.42	-	-	4	-
MW-32*	-	9.28	14.76	-	4	5.48
PR-20	8.46	9.91	14.36	1.45	2	NC

TOC Top of Casing
GWE Groundwater Elevation
* Groundwater Samples Obtained For This Investigation

C:5008J12\GWMSMTS.TB1

TABLE I Continued
GROUNDWATER MEASUREMENTS
JUNE 2, 1994

Well No.	Depth to Product (FT)(TOC)	Depth to Water (FT)(TOC)	Casing Elevation (FT)	Product Thickness (FT)	Well Diameter (IN)	GWE (FT)
PR-21	9.17	10.56	14.37	1.39	2	NC
PR-22	8.71	9.61	14.43	0.90	2	NC
PR-23	8.71	9.09	14.47	0.38	2	NC
PR-24	-	9.02	-	-	-	-
PR-26	9.02	9.41	14.38	0.39	2	NC
PR-27	-	8.87	-	-	2	-
PR-28	-	8.82	-	-	2	-
PR-30	7.88	10.69	-	2.81	-	NC
PR-33	-	8.78	14.36	-	2	5.58
PR-34	8.96	10.03	14.49	1.07	2	NC
PR-35	7.50	9.20	14.55	1.70	2	NC
PR-36	8.63	9.76	-	1.13	-	NC
PR-37	8.64	9.60	-	0.96	-	NC
PR-39	-	9.11	-	-	-	-
PR-41	8.93	9.06	-	0.13	2	NC
PR-42	-	9.21	-	-	-	-
PR-43	-	9.33	-	-	-	-
PR-44	-	8.71	-	-	2	-
PR-45	-	9.19	-	-	2	-
PR-46	-	9.31	-	-	2	-
PR-47	-	7.61	-	-	2	-
PR-48	8.95	9.78	-	0.83	2	-
PR-49	-	9.00	-	-	2	-

TOC Top of Casing
GWE Groundwater Elevation
* Groundwater Samples Obtained For This Investigation

TABLE I Continued
GROUNDWATER MEASURMENTS
JUNE 2, 1994

Well No.	Depth to Product (FT)(TOC)	Depth to Water (FT)(TOC)	Casing Elevation (FT)	Product Thickness (FT)	Well Diameter (IN)	GWE (FT)
PR-50	-	8.98	-	-	2	-
PR-51	8.10	8.11	-	0.01	2	NC
PR-52	9.00	9.45	-	0.45	2	NC
PR-53	9.02	*9.63	-	0.61	2	NC
PR-54	-	8.89	-	-	2	-
PR-55	8.62	9.49	-	0.87	2	NC
PR-56	8.61	9.50	-	0.89	2	NC
PR-57	-	8.47	-	-	2	-
PR-58	8.45	9.93	-	1.48	2	NC
PR-59	-	8.71	-	-	2	-
PR-60	-	9.39	-	-	2	-
PR-61	9.01	10.04	-	1.03	2	NC
PR-62	9.19	9.28	-	0.09	2	NC
PR-65	9.21	9.29	-	0.08	2	NC
PR-66	-	8.89	-	-	2	-
PR-68	-	8.92	-	-	2	-
PR-69	-	8.62	-	-	2	-
PR-74	-	9.14	-	-	2	-
PR-75	-	9.16	-	-	2	-
PR-76	-	9.21	-	-	2	-
PR-77	-	8.94	-	-	2	-
V-78	9.67	9.90	-	0.23	4	NC
V-89	-	9.03	-	-	4	-
V-90	8.76	9.70	-	0.94	4	NC

TOC Top of Casing
GWE Groundwater Elevation
* Groundwater Samples Obtained For This Investigation

C:5008J12\GWMSMTS.TB1

TABLE II
GROUNDWATER PURGING DATA
JUNE 3, 1994

Well Number	Total Gallons Removed	pH	Specifc Conductance x 1000	Temperature in Fahrenheit
MW-2-P	5	7.4	.78	69.2
	10	7.1	.83	70.1
	15	6.8	.86	70.4
	20	6.8	.88	70.6
	25	6.7	.86	70.2
	30	6.7	.89	70.4
	35	6.7	.85	70.3
MW-3	5	7.0	1.07	65.4
	10	6.5	1.11	67.8
	15	6.8	1.13	68.0
	20	6.7	1.07	68.0
	25	6.7	1.08	68.3
	35	6.7	1.05	68.0
MW-6*	1	7.6	.87	60.6
	2	7.4	.51	61.9
	3	6.9	.49	62.0
	4	7.1	.50	62.0
	5	6.9	.49	62.3
	7	6.9	.49	62.1
MW-25**	1	7.9	.92	70.8
	5	7.3	.91	69.8
	7	7.0	.91	69.0
	10	7.1	.94	69.7
	12	6.9	.89	69.5
	15	7.2	.90	70.5
MW-26	5	7.2	.81	70.3
	15	7.2	.83	69.9
	20	7.1	.82	68.8
	25	7.0	.83	68.7
	30	7.0	.83	68.6
	35	6.9	.83	68.3

* 2-inch well hand bailed using a new disposable bailer
** Well was pumped dry at approximately 15 gallons
*** Well was pumped dry at approximately 25 gallons

TABLE II
GROUNDWATER PURGING DATA
JUNE 3, 1994

Well Number	Total Gallons Removed	pH	Specific Conductance x 1000	Temperature in Fahrenheit
MW-27	5	7.9	.63	69.9
	10	7.3	.64	68.7
	15	7.4	.61	68.9
	20	7.1	.63	68.5
	25	7.0	.63	68.6
	30	6.8	.69	68.4
	35	6.7	.69	68.7
MW-28	5	8.1	.62	74.7
	10	8.0	.29	71.7
	15	7.8	.41	70.8
	20	7.6	.31	69.9
	25	7.5	.33	69.6
	30	7.4	.38	69.2
	35	7.3	.41	69.3
MW-29	5	7.9	.39	71.5
	10	7.6	.47	71.4
	15	7.4	.43	71.5
	20	7.3	.44	70.3
	25	7.2	.42	69.5
	30	7.3	.41	69.7
	35	7.2	.40	69.7
MW-30	5	7.9	.53	64.0
	10	7.5	.53	64.2
	15	7.3	.50	64.3
	20	7.0	.54	64.2
	25	7.1	.63	64.5
MW-32***	5	7.1	.76	67.7
	10	6.9	.81	69.0
	15	6.8	.79	69.4
	20	6.8	.79	69.3
	25	6.9	.78	69.4

* 2-inch well hand bailed using a new disposable bailer
** Well was pumped dry at approximately 15 gallons
*** Well was pumped dry at approximately 25 gallons

TABLE III
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-2

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	ND	ND	ND	ND	ND	ND	-----
7-27-93	ND	ND	ND	ND	ND	ND	-----
11-5-93	-----	-----	----	----	-----	-----	-----
2-25-94	ND	ND	ND	ND	ND	ND	-----
6-3-94	ND	ND	ND	ND	ND	ND	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-3

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	300	ND	35	2.9	2.0	3.2	-----
7-27-93	220	ND	97	1.0	4.0	1.1	-----
11-5-93	170	ND	4.9	ND	ND	1.2	-----
2-25-94	100	ND	42	ND	ND	ND	-----
6-3-94	320	ND	120	8.2	8.4	4.5	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-6

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	ND	ND	ND	ND	ND	ND	-----
7-27-93	ND	ND	ND	ND	ND	ND	-----
11-5-93	ND	ND	ND	ND	ND	3.5	-----
2-25-94	ND	ND	ND	ND	ND	ND	-----
6-3-94	69	ND	2.7	8.7	1.6	3.5	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-25

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	ND	ND	ND	ND	ND	ND	-----
7-27-93	ND	ND	ND	ND	ND	ND	-----
11-5-93	170	ND	4.2	4.4	2.5	20	-----
2-25-94	ND	ND	2.1	ND	ND	ND	-----
6-3-94	97	ND	2.4	14	ND	3.4	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-26

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	7,000	1,300	180	190	55	330	ND
7-27-93	1,800	ND	470	96	30	80	140 1,2-DCA
11-5-93	19,000	ND	4700	1300	9.0	1400	120 1,2 -DCA
2-25-94	14,000	ND	4800	570	200	860	28 1,2-DCA
6-3-94	12,000	ND	4100	300	120	230	1.7 1,1-DCA 140 1,2-DCA 0.84 Dibromo-chloromethane

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes
1,2 DCA	1,2 Dichloroethane
1,1 DCA	1,1 Dichloroethane

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-27

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	ND	ND	ND	ND	ND	ND	-----
7-27-93	ND	ND	ND	ND	ND	ND	-----
11-5-93	ND	ND	ND	ND	ND	2.6	-----
2-25-94	ND	ND	ND	ND	ND	ND	-----
6-3-94	ND	ND	0.85	ND	ND	ND	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-28

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	110	ND	ND	ND	ND	ND	-----
7-27-93	ND	ND	ND	ND	ND	ND	-----
11-5-93	ND	ND	ND	ND	ND	2.1	-----
2-25-94	ND	ND	ND	ND	ND	ND	-----
6-3-94	ND	ND	3.1	ND	ND	ND	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-29

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	ND	ND	ND	ND	ND	ND	-----
7-27-93	ND	ND	ND	ND	ND	ND	-----
11-5-93	ND	ND	ND	ND	2.1	11	-----
2-25-94	ND	ND	ND	ND	ND	ND	-----
6-3-94	ND	ND	ND	ND	ND	ND	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-30

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	ND	ND	ND	ND	ND	ND	-----
7-27-93	ND	ND	ND	ND	ND	ND	-----
11-5-93	ND	ND	ND	ND	ND	2.8	-----
2-25-94	ND	ND	1.3	ND	ND	ND	-----
6-3-94	ND	ND	1.1	ND	ND	ND	-----

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes

TABLE III Continued
GROUNDWATER ANALYSES SUMMARY
EPA METHODS 8015, 8020 AND 8010

MONITORING WELL MW-32

Sample Date	EPA METHOD						
	8015		8020				8010
	TPH as Gasoline ug/l	TPH as Diesel mg/l	B ug/l	T ug/l	E ug/l	X ug/l	Chlorinated Compounds ug/l
3-23-93	440	ND	39	6.2	3.1	9.0	60 1,2-DCA
7-27-93	ND	ND	ND	ND	ND	ND	14 1,2-DCA
11-5-93	170	ND	20	ND	1.8	2.1	7.9 1,2-DCA
2-25-94	ND	ND	5.6	ND	ND	ND	ND
6-3-94	350	ND	120	1.3	ND	1.4	11 1,2-DCA

ug/l	Micrograms Per Liter Or Parts Per Billion
mg/l	Milligrams Per Liter Or Parts Per Million
-----	not analyzed
ND	Not Detected at method detection limits. See specific laboratory reports for method detection limits.
TPH	Total Petroleum Hydrocarbons
BTEX	Benzene, Toluene, Ethylbenzene, Total Xylenes
1,2 DCA	1,2 Dichloroethane

RECEIVED JUN 2 7 1994

SIERRA
LABORATORIES

Date: June 23,1994

Park Environmental Corporation
4231 Pacific Street, Suite 7
Rocklin, California 95677
Attention: Mr. Peter Frank

Client Project Number:	5008-J12
Client Project Name.	N/A
Date Sampled·	.06/03/94
Date Samples Received.	06/07/94
Sierra Project Number:	9406-034

Enclosed with this letter is the report on the chemo-physical analysis of samples from the project references shown above.

The samples were received by Sierra in a chilled state, intact, and with the chain of custody record attached.

Note that N.D. means not detected at the appropriate reporting limit. The reporting limit is adjusted to reflect the dilution factor of the sample. The reporting limit is expressed in such cases in parentheses to the right of reported value. The detection limit for values without such a designation appears to the right of or at the bottom of the same page.

Reviewed

Approved

26052 MERIT CIRCLE
SUITE 105
LAGUNA HILLS, CA 92653

TEL: 714.348 9389
FAX. 714.348.9115

Park Environmental Corporation	Sierra Project No. 9406-034	Date Sampled:	.06/03/94
4231 Pacific Street, Suite 7	Client Project No. 5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:	Date Prepared:	.06/15-.06/16/94
	N/A	Date Analyzed:	.06/15-.06/16/94
		Analyst:	SM

Sample Preparation: EPA Method 5030
Sample Analysis: EPA 8010 (Halogenated Volatiles)

Report Date: .06/23/94

Sample Type: Liquid
Sample I.D. MW-26

Compound	Sample Result (µg/L)	Method Detection Limit (µg/L)
Chloromethane	ND	0.5
Vinyl chloride	ND	0.5
Bromomethane	ND	0.5
Chloroethane	ND	0.5
Trichlorofluoromethane	ND	0.5
1,1-Dichloroethene (1,1-DCE)	ND	0.5
Methylene chloride	ND	0.5
trans-1,2-Dichloroethene (t-1,2-DCE)	ND	0.5
1,1-Dichloroethane (1,1-DCA)	1.7	0.5
cis-1,2-Dichloroethene (c-1,2-DCE)	ND	0.5
Chloroform	ND	0.5
1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.5
Carbon tetrachloride	ND	0.5
1,2-Dichloroethane (1,2-DCA)	140	0.5
Trichloroethene (TCE)	ND	0.5
1,2-Dichloropropane (1,2-DCP)	ND	0.5
Bromodichloromethane	ND	0.5
2-Chloroethylvinyl ether	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane (1,1,2-TCA)	ND	0.5
Tetrachloroethene (PCE)	ND	0.5
Dibromochloromethane	0.84	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Park Environmental Corporation	Sierra Project No. 9406-034	Date Sampled:	.06/03/94
4231 Pacific Street, Suite 7	Client Project No. 5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:	Date Prepared:	.06/15-.06/16/94
	N/A	Date Analyzed:	.06/15-.06/16/94
		Analyst:	SM

Sample Preparation: EPA Method 5030
Sample Analysis: EPA 8010 (Halogenated Volatiles)

Report Date: .06/23/94

Sample Type: Liquid
Sample I.D. MW-32

Compound	Sample Result (µg/L)	Method Detection Limit (µg/L)
Chloromethane	ND	0.5
Vinyl chloride	ND	0.5
Bromomethane	ND	0.5
Chloroethane	ND	0.5
Trichlorofluoromethane	ND	0.5
1,1-Dichloroethene (1,1-DCE)	ND	0.5
Methylene chloride	ND	0.5
trans-1,2-Dichloroethene (t-1,2-DCE)	ND	0.5
1,1-Dichloroethane (1,1-DCA)	ND	0.5
cis-1,2-Dichloroethene (c-1,2-DCE)	ND	0.5
Chloroform	ND	0.5
1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.5
Carbon tetrachloride	ND	0.5
1,2-Dichloroethane (1,2-DCA)	11	0.5
Trichloroethene (TCE)	ND	0.5
1,2-Dichloropropane (1,2-DCP)	ND	0.5
Bromodichloromethane	ND	0.5
2-Chloroethylvinyl ether	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane (1,1,2-TCA)	ND	0.5
Tetrachloroethene (PCE)	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane (1,1,2,2-PCA)	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Park Environmental Corporation	Sierra Project No.: 9406-034	Date Sampled:	.06/03/94
4231 Pacific Street, Suite 7	Client Project No.: 5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:	Date Prepared:	.06/15-.06/16/94
	N/A	Date Analyzed:	.06/15-.06/16/94
		Analyst:	SM
Sample Preparation:	EPA Method 5030		
Sample Analysis:	8015-Modified (TPH as Diesel-CADHS LUFT)	Report Date:	.06/23/94

Sample Type: Liquid

Client Sample I.D.	TPH mg/l
MW-2	ND
MW-3	ND
MW-6	ND
MW-25	ND
MW-26	ND
MW-27	ND
MW-28	ND
MW-29	ND
MW-30	ND
MW-32	ND
Duplicate	ND
Equipment	ND

	TPH mg/l
Detection Limit:	20

Park Environmental Corporation	Sierra Project No.: 9406-034	Date Sampled:	.06/03/94
4231 Pacific Street, Suite 7	Client Project No.: 5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:	Date Prepared:	.06/15-.06/16/94
	N/A	Date Analyzed:	06/15- 06/16/94
		Analyst:	SM
Sample Preparation:	EPA Method 5030		
Sample Analysis:	8015-Modified (TPH as Gasoline-CADHS LUFT) and EPA 8020 (BTEX) in series	Report Date:	.06/23/94

Sample Type: Liquid

Client Sample I.D.	TPH µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes, Total µg/L
MW-2	ND	ND	ND	ND	ND
MW-3	320	120	8.2	8.4	4.5
MW-6	69	2.7	8.7	1.6	3.5
MW-25	97	2.4	14	ND	3.4
MW-26	12000	4100	300	120	230
MW-27	ND	0.85	ND	ND	ND
MW-28	ND	3.1	ND	ND	ND
MW-29	ND	ND	ND	ND	ND
MW-30	ND	1.1	ND	ND	ND
MW-32	350	120	1.3	ND	1.4
Duplicate	300	120	0.87	5.9	2.1
Equipment	ND	2.3	2.9	ND	0.68

	TPH µg/L	Benzene µg/L	Toluene µg/L	Ethylbenzene µg/L	Xylenes, Total µg/L
Detection Limit:	50	0.5	0.5	0.5	0.5

Park Environmental Corporation	Sierra Project No. 9406-034	Date Sampled:	06/03/94
4231 Pacific Street, Suite 7	Client Project No. 5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:	Date Prepared:	.06/15-.06/16/94
	N/A	Date Analyzed:	.06/15 - 06/16/94
		Analyst:	SM
Sample Preparation: EPA Method 5030			
Sample Analysis: EPA 8010 (Halogenated Volatiles)		Report Date:	.06/23/94

Matrix/Spike Duplicate Report

Sample Type: Liquid

	1,1-DCA (Range)	T-1,3-DCP (Range)	Carbon Tet (Range)	Bromoform (Range)
Matrix Spike Recovery (%)	97 (47-132)	98 (43-143)	96 (22-178)	101 (13-159)
Matrix Spike Duplicate Recovery (%)	103 (47-132)	115 (43-143)	107 (22-178)	128 (13-159)
Relative Per-cent Difference	6 (0-30)	15 (0-30)	11 (0-30)	24 (0-30)

Quality Control Reference Number: 9405-107-6058

Park Environmental Corporation	Sierra Project No.:	9406-034	Date Sampled: .06/03/94
4231 Pacific Street, Suite 7	Client Project No.:	5008-J12	Date Received: .06/07/94
Rocklin, CA 95677	Client Project Name:		Date Prepared: .06/15-.06/16/94
	N/A		Date Analyzed: 06/15-.06/16/94
			Analyst: SM
Sample Preparation: EPA Method 5030			
Sample Analysis: 8015-M as Diesel			Report Date: .06/23/94

Matrix/Spike Duplicate Report

Sample Type: Solid

	TPH-Diesel	(Range)
Matrix Spike Recovery (%)	77	(50-150)
Matrix Spike Duplicate Recovery (%)	76	(50-150)
Relative Per-cent Difference	1	(0-30)

Quality Control Reference Number: 9405-107-6058

Park Environmental Corporation	Sierra Project No.:	9406-034	Date Sampled:	.06/03/94
4231 Pacific Street, Suite 7	Client Project No.:	5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:		Date Prepared:	.06/15-.06/16/94
	N/A		Date Analyzed:	06/15-.06/16/94
			Analyst:	SM
Sample Preparation: EPA Method 5030				
Sample Analysis: EPA 8015-Modified (TPH as Gasoline-CADHS LUFT) and EPA 8020 (BTEX) in series			Report Date:	.06/23/94

Matrix/Spike Duplicate Report

Sample Type: Liquid

	TPH (Range)	Benzene (Range)	Toluene (Range)	Ethylbenzene (Range)
Matrix Spike Recovery (%)	80 (50-150)	97 (39-150)	97 (46-148)	98 (32-160)
Matrix Spike Duplicate Recovery (%)	85 (50-150)	108 (39-150)	108 (46-148)	109 (32-160)
Relative Per-cent Difference	6 (0-30)	11 (0-30)	11 (0-30)	11 (0-30)

Quality Control Reference Number: 9406-50-6492

Park Environmental Corporation	Sierra Project No.: 9406-034	Date Sampled:	.06/03/94
4231 Pacific Street, Suite 7	Client Project No.: 5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:	Date Prepared:	.06/15-.06/16/94
	N/A	Date Analyzed:	.06/15-.06/16/94
		Analyst:	SM
		Report Date:	.06/23/94

Surrogate Summary Report

Client Sample I.D.	Analysis Type	Per-cent Recovery S1 (Range)
MW-2	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	100 (50-130)
MW-3	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	92 (50-130)
MW-6	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	95 (50-130)
MW-25	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	93 (50-130)
MW-26	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	94 (50-130)
MW-27	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	110 (50-130)
MW-28	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	100 (50-130)
MW-29	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	99 (50-130)
MW-30	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	100 (50-130)
MW-32	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	110 (50-130)
Duplicate	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	98 (50-130)
Equipment	8015 Modified (TPH as Gasoline/Diesel CADHS-LUFT)/EPA 8020 (BTEX)	110 (50-130)
MW-26	EPA 8010 Halogenated Volatiles	100 (60-130)
MW-32	EPA 8010 Halogenated Volatiles	89 (60-130)

Park Environmental Corporation	Sierra Project No.: 9406-034	Date Sampled:	.06/03/94
4231 Pacific Street, Suite 7	Client Project No.: 5008-J12	Date Received:	.06/07/94
Rocklin, CA 95677	Client Project Name:	Date Prepared:	.06/15-.06/16/94
	N/A	Date Analyzed:	.06/15-.06/16/94
		Analyst:	SM
		Report Date:	.06/23/94

Laboratory Control Sample Report

Sample Type: Solid

Compound	Analysis Type	Per-cent Recovery %	Range
TPH as Gasoline	8015 Modified (CADHS-LUFT)	84	(80-120)
	Quality Control Reference Number:	9406-50-6492	
TPH as Diesel	8015 Modified (CADHS-LUFT)	89	(80-120)
	Quality Control Reference Number:	9406-50-6492	

Parameter	Analysis Type	Per-cent Recovery %	Range
1,1- DCA	EPA 8010 (halogenated Volatiles)	95	(80-120)
Carbon Tet	EPA 8010 (halogenated Volatiles)	97	(80-120)
T-1, 3- DCP	EPA 8010 (halogenated Volatiles)	91	(80-120)
Bromoform	EPA 8010 (halogenated Volatiles)	94	(80-120)
	Quality Control Reference Number:	9406-50-6492	
Benzene	EPA 8020 (BTEX)	110	(80-120)
Toluene	EPA 8020 (BTEX)	118	(80-120)
Ethylbenzene	EPA 8020 (BTEX)	112	(80-120)
	Quality Control Reference Number:	9406-50-6492	

SIERRA LABORATORIES
Sierra Laboratories, Inc.
1525 Endeavor Place
Suite D
Anaheim, CA 92801

714 - 758-9988
FAX: 714 - 758-9692

CHAIN OF CUSTODY RECORD
Date: 6/3/94 Page 1 of 2

9406-34-

Client: Park Environmental
Address: 4231 Pacific Street Suite 7
Rocklin, CA 95677

Client Tel. No.: 916-652-3861
Client Proj. Mgr.: Peter Frank

Client Proj. Name:
Client Proj. No.: 5008-J12

For Client Use:
Turn around requested:
____ Immediate Attention
____ Rush 24-48 hours
____ Rush 72-96 hours
____ Mobile Lab
X Normal

Analyses Requested

Client Sample No.	Date	Time	Sample Matrix: Liquid	Sample Matrix: Solid	Preservatives: Yes	Preservatives: No	Container Type	No. of Containers	EPA 8015 Mod Gas / 8020 BTEX	EPA 8015 Mod Diesel	EPA 8010 Volatile Halogenated	Remarks
MW-2	6/3/94		Liq		HCl		VOA	4	X	X		6392
MW-3			Liq		HCl			4	X	X		6393
MW-6			Liq		HCl			4	X	X		6394
MW-25			Liq		HCl			4	X	X		6395
MW-26			Liq		HCl			6	X	X	X	6396
MW-27			Liq		HCl			4	X	X		6397
MW-28			Liq		HCl			4	X	X		6398
MW-29			Liq		HCl			4	X	X		6399
MW-30			Liq		HCl			4	X	X		6400
MW-32			Liq		HCl			6	X	X	X	6401

Sampler's Signature: Howard Hold

Received by: Sierra Labs — Date: 6/7 — Time: 10:15

44 Total No. of Containers

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analysis specified above under Sierra's Terms and Conditions, unless otherwise agreed upon in writing between Sierra and Client.

Relinquished by: Howard Hold — Date: 6/6/94 — Time: 2:00PM

Received by: — Date: — Time:

Relinquished by: — Date: — Time:

Received at Laboratory by: — Date: — Time:

Total No. of Containers Recd.:

Special Instructions:

FOR LABORATORY USE ONLY — Condition samples received:
____ Chilled ____ Appropriate Sample Container
____ Intact ____ Properly Labeled
____ Appropriate Preservatives ____ Other ____

SIERRA LABORATORIES
Sierra Laboratories, Inc.
1525 Endeavor Place
Suite D
Anaheim, CA 92801

714 - 758-9988
FAX: 714 - 758-9692

CHAIN OF CUSTODY RECORD

Date: 6/3/94 Page 2 of 2

9406-34

Client: Park Environmental
Address: 4231 Pacific Street Suite 7
Rocklin, Ca 95677

Client Tel. No.: 916-652-3861
Client Proj. Mgr.: Peter Frank

Client Proj. Name:
Client Proj. No.: 5008-J12

For Client Use:
Turn around requested:
___ Immediate Attention
___ Rush 24-48 hours
___ Rush 72-96 hours
___ Mobile Lab
x Normal

Analyses Requested

Client Sample No.	Date	Time	Sample Matrix: Liquid	Sample Matrix: Solid	Preservatives: Yes	Preservatives: No	Container: Type	No. of Containers	8015 MOD Gas							Remarks
Duplicate	6/3/94		✓		HCl		VOA	2	X							6402
Equipment Blank	6/3/94		✓		HCl		VOA	2	X							6403

Sampler's Signature: Howard Hold	Received by: Sierra Labs	Date 6/7	Time 1015	4	Total No. of Containers
Relinquished by: Howard Hold	Date 6/6/94 Time 2:00PM	Received by:	Date	Time	The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analysis specified above under Sierra's Terms and Conditions, unless otherwise agreed upon in writing between Sierra and Client.
Relinquished by:	Date	Time	Received at Laboratory by:	Date	Time	Total No. of Containers Recd.:

Special Instructions:

FOR LABORATORY USE ONLY—Condition samples received:
___ Chilled
___ Intact
___ Appropriate Preservatives
___ Appropriate Sample Container
___ Properly Labeled
___ Other