Park
Environmental

FOURTH QUARTER 1994
GROUNDWATER MONITORING REPORT
NESTLE FOOD COMPANY
(FORMER CARNATION DAIRY FACILITY)
OAKLAND, CALIFORNIA

Jan 95

2985 Bond Street ✻ Rancho Cordova, CA 95670 ✻ TEL (916) 638-2085 ✻ FAX (916) 638-8385

NESTLÉ USA, INC.

800 NORTH BRAND BLVD
GLENDALE, CA 91203
TEL (818) 549-6339
FAX (818) 549-6157
ENVIRONMENTAL STRATEGY/PLANNING

95 JUN -6 AM 11:24

June 1, 1995

Alameda County Health Agency
Hazardous Material Division
80 Swan Way, Room 200
Oakland, CA 94601

Attn.: Jennifer Eberle

Ref: Fourth Quarter Groundwater 1994 Monitoring Report
Nestle Food Company (Former Carnation Dairy Facility)
1310 14th Street, Oakland, CA 94607

Dear Ms. Eberle:

Enclosed is the Fourth Quarter 1994, Groundwater Monitoring Report for the above referenced facility. I am sorry to learn from you today that you had received the report from Park Environmental without a cover letter. I will make sure this mistake does not occur in the future. Please make a note that I will be your direct contact for any questions or concerns you may have on the above site.

Should you have any questions, please contact me directly at (818) 549-5948.

With Regards,

Binayak P. Acharya
Senior Environmental Engineer

cc: Celeste Miller - 15
Richard J. Zipp - Park Environmental

FOURTH QUARTER 1994
GROUNDWATER MONITORING REPORT
NESTLE FOOD COMPANY
(FORMER 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
8084 OLD AUBURN ROAD, SUITE E
CITRUS HEIGHTS, CALIFORNIA 95610

JANUARY, 1995

TABLE OF CONTENTS

APPENDICES

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 shown on Figures 1 and 2 in Appendix A. Nestle has authorized **Park** to prepare this Quarterly Groundwater Monitoring Report (QMR), 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 (CRWQCB), Mr. Walter Carey with Nestle, 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 66 monitoring wells;
- Calculate groundwater flow direction in the vicinity of the free product plume;
- Purge, sample and analyze nine of ten monitoring wells (MW-2, MW-3, MW-6, MW-25, MW-26, MW-28, MW-29, MW-30 and MW-32) for total petroleum hydrocarbons as gasoline and diesel (TPH G and TPH D; EPA Method 8015), benzene, toluene, ethylbenzene, and total xylenes (BTEX; EPA Method 8020) and two samples (MW-26 and MW-32) for halogenated volatile organic compounds (HVOC; EPA Method 8260). 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 QMR 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 using a new disposable bailer for each well. Depth to groundwater measurements were made using an ACTAT Corporation Model P100 Olympic well probe. Free product thicknesses were measured using a KECK: KIR-89 Interface meter. 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, which do not contain 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 sampled are 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 into 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 nine of the ten monitoring wells MW-2, MW-3, MW-6, MW-25, MW-26, MW-28, MW-29, MW-30 and MW-32). were analyzed for TPH G, TPH D and BTEX. In addition, groundwater from monitoring wells MW-26 and MW-32 were analyzed for HVOC. Monitoring well MW-27 located in 16th Street was not sampled due to a vehicle obstructing access.

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, clean, 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 transported to Nestlé USA, Inc. Quality Assurance Laboratory in Dublin, Ohio. Full chain-of-custody (COC) 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 December 22, 1994 indicate that groundwater flow beneath the site continues to be in a north-northwesterly direction. The December 1994 measurements of water levels in MW-25, MW-26 and MW-29 suggest groundwater flow to the northeast in the vicinity of these wells. The hydraulic gradient was calculated to be approximately 0.0033 or 0.33-feet drop per 100-feet of run beneath the site. The flow direction of the groundwater is shown graphically on Figure 3 in Appendix A. The measurements taken during this sampling event show the groundwater elevation ranging from about 5.60 to 6.40-feet above mean sea level (MSL), which is consistent with elevations monitored during the previous years, but approximately 1 foot higher due to heavier than normal rainfall in November 1994. The December 22, 1994 groundwater elevation measurement data are summarized in Table I in Appendix B.

3.1.2 Occurrence of Free Product

Free product was identified in 26 of the 66 monitoring wells that **Park** monitored for this investigation. The thickness of free product ranged from 0.01-feet to 2.45-feet, with an average thickness of 0.82-feet in the free product measured wells. The lateral extent of the free product plume has diminished since the third quarter 1994.

Measurements collected in August 1994 during the previous quarter's investigation showed an average free product thickness of 0.41-feet. The increase of the average free product thickness may be due to the rising groundwater levels, however, the average thickness reported for this monitoring event is 0.04 feet less than the 0.86 feet reported in the second quarter for 1994.

The lateral extent of the free product continues to diminish as a result of the vapor extraction remediation. An estimate of the occurence of free product is shown on Figure 4 in Appendix A.

3.1.3 Results of Laboratory Analyses

Laboratory test results of TPH gas and diesel analyses of groundwater samples collected on December 22, 1994 as well as the results of previous quarterly sampling events since March 1993 are summarized in Table III in Appendix B. Results are shown next to each sampled well on Figure 4 in Appendix A.

Figure 4 also shows the estimated extent of dissolved TPH G and TPH D in the groundwater plume. Dissolved TPH gas and diesel concentrations were reported in MW-3 and MW-26. Positive results of hydrocarbons in the diesel range in MW-2, MW-6, MW-25, MW-28, MW-29, MW-30 and MW-32 were reported as anomolous prominent peaks of phthalate without a diesel-like pattern in the chromatograms. Concentrations of dissolved benzene were reported in MW-2, MW-3, MW-25, MW-26, MW-30 and MW-32. Laboratory reports and COC 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 data presented in this report are representative of conditions at the site when monitoring and sampling was performed. The findings presented are based on the current data and past written and/or oral information provided by the regulatory agencies or Nestle USA.

GROUNDWATER MONITORING REPORT
FORMER CARNATION DAIRY - OAKLAND
DECEMBER, 1994

5.0 PREPARATION OF REPORT/ SIGNATURES

Firm Preparing Report

Park Environmental Corporation
8084 Old Auburn Road, Suite E
Citrus Heights, California 95610

Report Prepared by:

This report was prepared by **Park Environmental Corporation (Park)**. Mr. Richard J. Zipp is the registered professional overseeing this project. This report was written by Mr. Hugh Ashley, Project Manager for **Park**.

This report was prepared to assist the property owner to comply with California Code of Regualtions, Title 23, Chapter 16, Article 5, Section 2652(d), which requires the submittal of reports to the regulatory agencies at a minimum of three month intervals.

If you have any questions or need additional information please call the undersigned at (916) 723-1776.

Thank You,

REGISTERED GEOLOGIST
RICHARD J. ZIPP
No. 1096
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

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

Hugh T. Ashley
Project Manager

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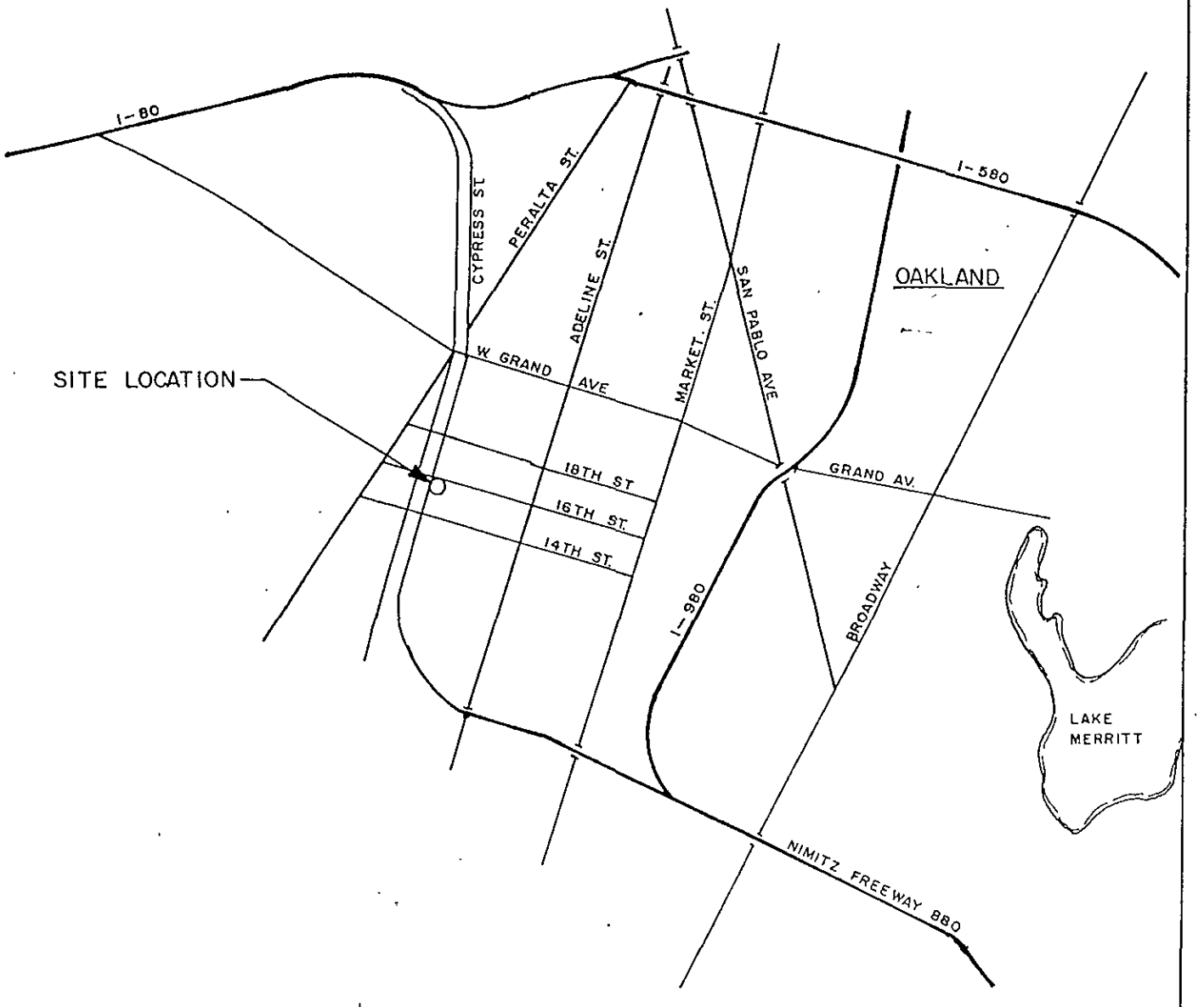
pc Ms. Jennifer Eberle, Alameda County Environmental Health

APPENDIX A

MAPS AND FIGURES

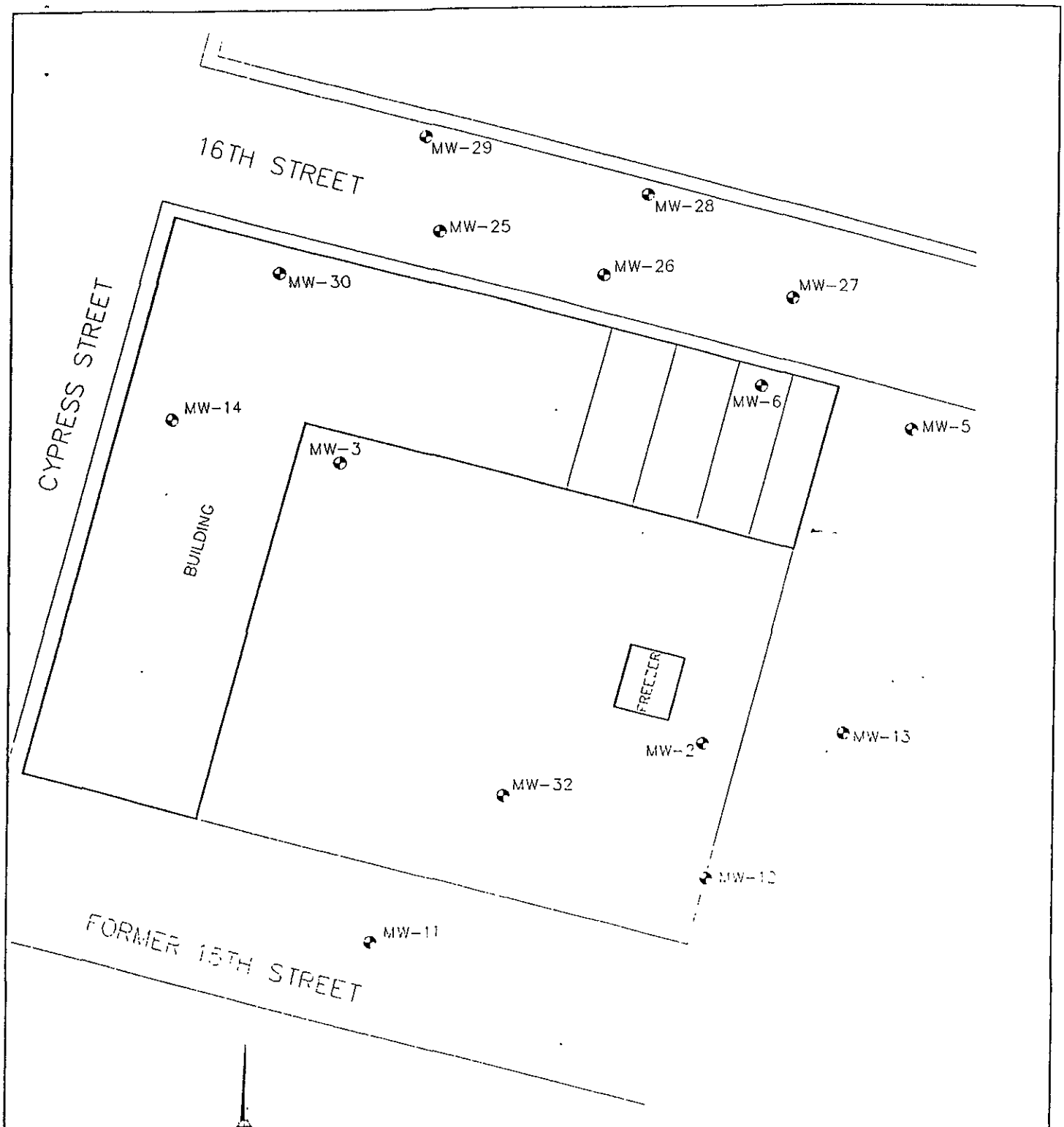


SCALE: 1" = 2200'

NESTLE FACILITY
OAKLAND, CA
SITE LOCATION MAP

Park Environmental
Leaving A Clean Environment

INITIAL	M.A.R.
DATE	12/21/94
JOB #	5008
FIG #	1



SCALE 1" = 50'

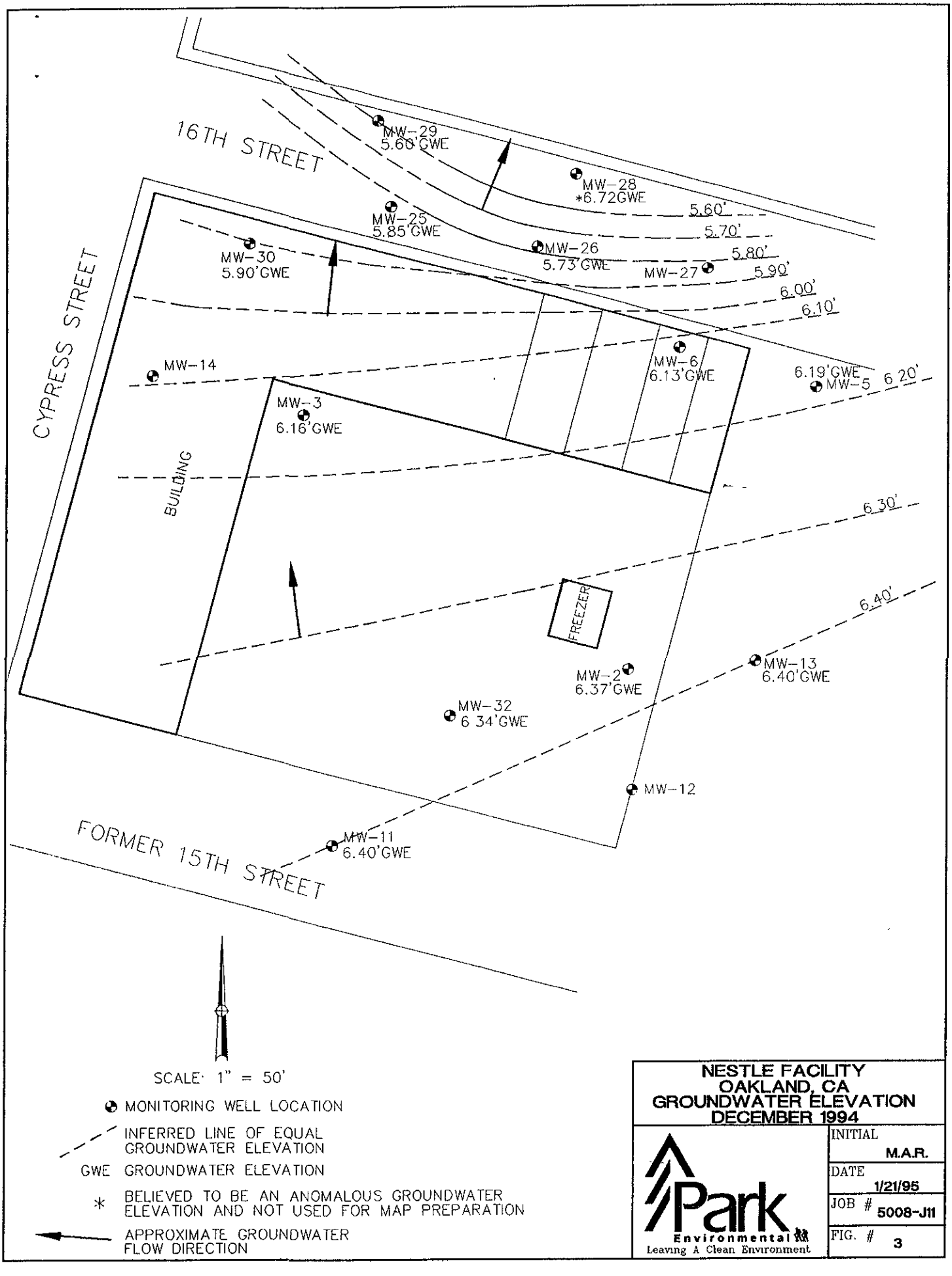
● MONITORING WELL LOCATION

NESTLE FACILITY
OAKLAND, CA

SITE PLAN

Park Environmental
Leaving A Clean Environment

INITIAL	M.A.R.
DATE	12/6/94
JOB #	5008-J11
FIG. #	2



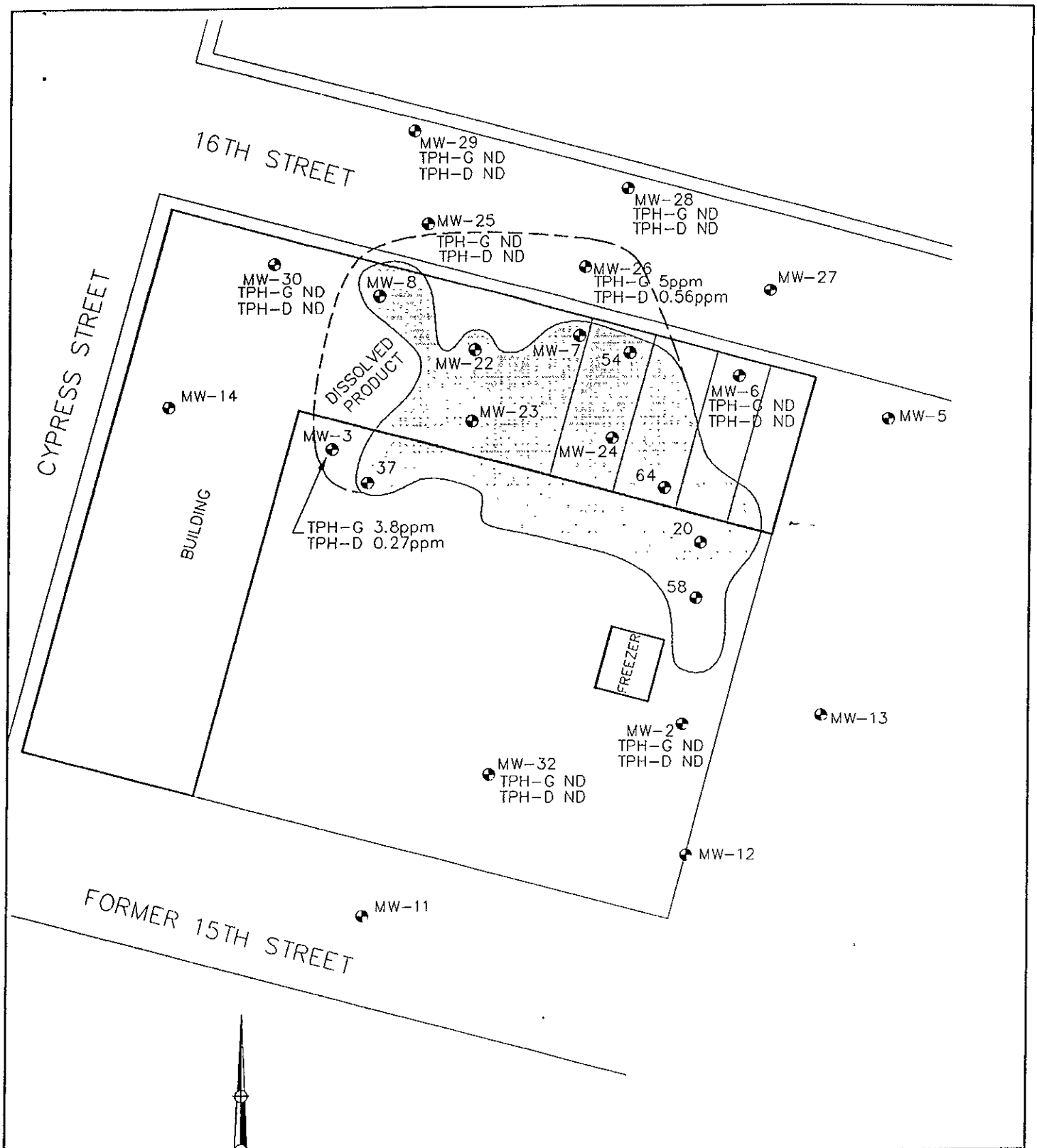
SCALE: 1" = 50'

- MONITORING WELL LOCATION
- INFERRED LINE OF EQUAL GROUNDWATER ELEVATION
- GWE GROUNDWATER ELEVATION
- * BELIEVED TO BE AN ANOMALOUS GROUNDWATER ELEVATION AND NOT USED FOR MAP PREPARATION
- APPROXIMATE GROUNDWATER FLOW DIRECTION

NESTLE FACILITY
OAKLAND, CA
GROUNDWATER ELEVATION
DECEMBER 1994

Park Environmental
Leaving A Clean Environment

INITIAL	M.A.R.
DATE	1/21/95
JOB #	5008-J11
FIG. #	3



SCALE: 1" = 50'

● MONITORING WELL LOCATION

FREE PRODUCT AREA (DECEMBER 1994)

TPH-G TOTAL PETROLEUM HYDROCARBONSAS GASOLINE
TPH-D TOTAL PETROLEUM HYDROCARBONS AS DIESEL

DECEMBER 1994 DATA
ND-NOT DETECTED AT LISTED DETECTION LIMIT

NESTLE FACILITY
OAKLAND, CA
FREE PRODUCT & DISSOLVED CHEMICAL CONSTITUENTS MAP

Park Environmental
Leaving A Clean Environment

INITIAL	M.A.R.
DATE	1/21/95
JOB #	5008-J11
FIG. #	4

APPENDIX B

TABLES

TABLE I

GROUNDWATER MEASUREMENTS

DECEMBER 22, 1994

Sample ID	TOC Depth to Product (feet)	TOC Depth to Water (feet)	Casing Elevation (feet)	Product Thickness (feet)	Well Diameter (feet)	Groundwater Elevation (feet)
MW-2*	-	8.74	15.11	-	4	6.37
MW-3*	-	8.14	14.30	-	4	6.16
MW-5	-	8.22	14.41	-	4	6.19
MW-6*	-	7.99	14.12	-	2	6.13
MW-7	8.29	8.33	14.29	0.04	4	NC
MW-8	8.21	8.47	14.20	0.26	-	NC
MW-11	-	8.15	14.55	-	4	6.40
MW-13	-	8.45	14.85	-	4	6.40
MW-22	8.39	8.42	14.44	0.03	2	NC
MW-23	8.32	8.73	14.48	0.41	4	NC
MW-24	-	8.55	14.67	-	2	6.12
MW-25*	-	7.01	12.86	-	4	5.85
MW-26*	-	6.98	12.71	-	4	5.73
MW-27*	+	+	14.04	+	4	+
MW-28*	-	6.73	13.45	-	4	6.72
MW-29*	-	7.00	12.60	-	4	5.60
MW-30*	-	8.64	14.54	-	4	5.90
MW-32*	-	8.40	14.76	-	4	6.36

TOC Top of casing
* Groundwater samples obtained for this investigation
NC Not calculated due to presence of free product
+ Well not accessible
- No data

TABLE I Continued

GROUNDWATER MEASUREMENTS
DECEMBER 22, 1994

Sample ID	TOC Depth to Product (feet)	TOC Depth to Water (feet)	Casing Elevation (feet)	Product Thickness (feet)	Well Diameter (inches)	Groundwater Elevation (feet)
PR-20	7.68	8.72	14.36	1.04	2	NC
PR-21	8.24	10.25	14.37	2.01	2	NC
PR-22	8.34	8.38	14.43	0.04	2	NC
PR-23	7.97	8.03	14.47	0.06	2	NC
PR-24	-	8.22	14.32	-	-	6.10
PR-26	-	8.04	14.38	-	2	6.34
PR-27	-	8.02	-	-	2	-
PR-28	-	8.01	-	-	2	-
PR-30	7.69	9.66	-	1.97	-	-
PR-33	-	7.98	14.36	-	2	6.38
PR-34	7.51	9.96	14.49	2.45	2	NC
PR-35	8.16	8.29	14.55	0.13	2	NC
PR-36	8.08	8.27	-	0.19	-	-
PR-37	8.02	8.24	-	0.22	-	-
PR-39	-	8.29	-	-	-	-
PR-41	9.09	9.12	-	0.03	2	-
PR-42	-	8.53	-	-	-	-
PR-43	-	10.26	-	-	-	-
PR-44	-	8.06	-	-	2	-
PR-45	-	8.52	-	-	2	-
PR-46	-	8.57	-	-	2	-
PR-47	8.56	8.57	-	0.01	2	-
PR-48	8.39	9.82	-	1.43	2	-
PR-49	-	8.58	-	-	2	-

TOC Top of casing
NC Not calculated due to presence of free product
- No data

TABLE I Continued

GROUNDWATER MEASUREMENTS
DECEMBER 22, 1994

Sample ID	TOC Depth to Product (feet)	TOC Depth to Water (feet)	Casing Elevation (feet)	Product Thickness (feet)	Well Diameter (inches)	Groundwater Elevation (feet)
PR-50	-	8.32	-	-	2	-
PR-51	8.11	10.13	-	2.02	2	-
PR-52	8.52	8.55	-	0.03	2	-
PR-53	7.96	9.48	-	1.52	2	-
PR-54	8.49	8.50	-	0.01	2	-
PR-55	7.00	7.01	-	0.01	2	-
PR-56	8.14	9.62	-	1.48	2	-
PR-57	-	8.17	-	-	2	-
PR-58	7.82	9.97	-	2.15	2	-
PR-59	-	7.71	-	-	2	-
PR-60	-	8.58	-	-	2	-
PR-61	8.37	8.38	-	0.01	2	-
PR-62	-	8.59	-	-	2	-
PR-64	8.09	10.24	-	2.15	4	-
PR-65	-	8.22	-	-	2	-
PR-66	-	8.76	-	-	2	-
PR-68	-	8.68	-	-	2	-
PR-69	-	7.13	-	-	2	-
PR-74	-	8.18	-	-	2	-
PR-75	-	7.88	-	-	2	-
PR-76	-	8.77	-	-	2	-
PR-77	-	8.77	-	-	2	-
V-89	-	8.74	-	-	4	-
V-90	8.03	9.71	-	1.68	4	-

TOC Top of casing
NC Not calculated due to presence of free product
- No data

TABLE II
GROUNDWATER PURGING DATA

DECEMBER 22, 1994

Sample ID	Total Gallons Removed	pH	Specific Conductance x 1000	Temperature in Fahrenheit
MW-2-P	1	6.75	1.038	66.4
	9	6.08	1.172	72.1
	18	5.98	1.186	72.9
	28	5.99	1.156	73.3
MW-3	1	6.43	1.363	68.5
	11	6.09	1.267	69.3
	22	6.18	1.292	69.4
	33	6.14	1.286	69.8
MW-6*	1	6.77	1.054	66.4
	2	6.73	1.151	72.1
	3	6.08	1.186	72.9
	4	6.04	1.156	73.3
	5	6.02	1.172	73.1
MW-25	1.5	7.83	1.420	47.0
	8	7.05	1.356	60.1
	16	6.60	1.369	63.4
MW-26	1.5	6.22	0.694	67.3
	12	6.00	1.202	65.5
	24	6.02	1.169	65.5
	36	6.05	1.174	65.8
MW-27	+	+	+	+
MW-28	1.5	6.36	0.603	64.0
	12	6.21	0.592	68.3
	24	6.15	0.604	69.9
	36	6.19	0.01	69.6
MW-29	1.5	7.21	0.724	60.1
	11	6.99	0.682	65.6
	22	6.70	0.699	66.9
	32	6.60	0.603	66.8
MW-30	1	6.74	1.077	65.0
	8	6.73	0.803	63.8
	16	6.34	0.819	63.9
	24	6.12	0.871	64.1
MW-32	1	6.34	0.898	70.2
	10	6.20	0.964	70.8
	20	6.08	1.005	71.0
	30	6.45	0.916	71.7

* 2-inch well hand bailed using a new disposable bailer

\+ Well not accessible

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

Sample ID	Date	EPA METHOD						
		8015		8020				8010/8260
		TPH G (µg/l)	TPH D (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	Chlorinated Compounds (µg/l)
MW-2	03/23/93	ND	ND	ND	ND	ND	ND	-
	07/27/93	ND	ND	ND	ND	ND	ND	-
	11/05/93	-	-	-	-	-	-	-
	02/25/94	ND	ND	ND	ND	ND	ND	-
	06/03/94	ND	ND	ND	ND	ND	ND	-
	08/31/94	ND	ND	ND	ND	ND	ND	-
	12/22/94 ✓	ND	ND‡	0.8	ND	ND	ND	-
MW-3	03/23/93	300	ND	35	2.9	2.0	3.2	-
	07/27/93	220	ND	97	1.0	4.0	1.1	-
	11/05/93	170	ND	4.9	ND	ND	1.2	-
	02/25/94	100	ND	42	ND	ND	ND	-
	06/03/94	320	ND	120	8.2	8.4	4.5	-
	08/31/94	ND	ND	83	1.1	5.3	2.9	-
	12/22/94 ✓	3800	270	1460	18	100	50	-
MW-6	03/23/93	ND	ND	ND	ND	ND	ND	-
	07/27/93	ND	ND	ND	ND	ND	ND	-
	11/05/93	ND	ND	ND	ND	ND	3.5	-
	02/25/94	ND	ND	ND	ND	ND	ND	-
	06/03/94	69	ND	2.7	8.7	1.6	3.5	-
	08/31/94	ND	ND	ND	ND	ND	ND	-
	12/22/94 ✓	ND	ND‡	ND	ND	ND	ND	-
MW-25	03/23/93	ND	ND	ND	ND	ND	ND	-
	07/27/93	ND	ND	ND	ND	ND	ND	-
	11/05/93	170	ND	4.2	4.4	2.5	20	-
	02/25/94	ND	ND	2.1	ND	ND	ND	-
	06/03/94	97	ND	2.4	14	ND	3.4	-
	08/31/94	ND	ND	0.5	ND	ND	ND	-
	12/22/94 ✓	ND	ND‡	0.5	ND	ND	ND	-

TPH G Total petroleum hydrocarbons in the gasoline range
TPH D Total petroleum hydrocarbons in the diesel range
µg/l Micrograms per liter or parts per billion
ND Not detected at method detection limits. See specific laboratory reports for method detection limits
ND‡ Anomalous peak, phthalate, reported. Chromatogram does not have a diesel like pattern (see laboratory reports Appendix C).
BTEX Benzene, toluene, ethylbenzene, and xylenes
- Analysis not required

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

Sample ID	Date	EPA METHOD						
		8015		8020				8010/8260
		TPH G (µg/l)	TPH D (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	Chlorinated Compounds (µg/l)
MW-26	03/23/93	7000	1300	180	190	55	330	ND
	07/27/93	1800	ND	470	96	30	80	140*
	11/05/93	19000	ND	4700	1300	9.0	1400	120*
	02/25/94	14000	ND	4800	570	200	860	28*
	06/03/94	12000	ND	4100	300	120	230	140*
								1.7**
								0.84***
	08/31/94	9300	1400	4100	360	170	450	****
	12/22/94	5000	560	1030	170	85	290	①
MW-27	03/23/93	ND	ND	ND	ND	ND	ND	-
	07/27/93	ND	ND	ND	ND	ND	ND	-
	11/05/93	ND	ND	ND	ND	ND	2.6	-
	02/25/94	ND	ND	ND	ND	ND	ND	-
	06/03/94	ND	ND	0.85	ND	ND	ND	-
	08/31/94	+	+	+	+	+	+	-
	12/22/94	+	+	+	+	+	+	-
MW-28	03/23/93	110	ND	ND	ND	ND	ND	-
	07/27/93	ND	ND	ND	ND	ND	ND	-
	11/05/93	ND	ND	ND	ND	ND	2.1	-
	02/25/94	ND	ND	ND	ND	ND	ND	-
	06/03/94	ND	ND	3.1	ND	ND	ND	-
	08/31/94	ND	ND	1.4	ND	ND	ND	-
	12/22/94	ND	ND‡	ND	ND	ND	ND	-

TPH G Total petroleum hydrocarbons in the gasoline range
TPH D Total petroleum hydrocarbons in the diesel range
µg/l Micrograms per liter or parts per billion
ND Not detected at method detection limits. See specific laboratory reports for method detection limits
ND‡ Anomalous peak, phthalate, reported. Chromatogram does not have a diesel like pattern (see laboratory reports, Appendix C).
BTEX Benzene, toluene, ethylbenzene, and xylenes
* 1,2 Dichloroethane
** 1,1 Dichloroethane
*** Dibromochloromethane
**** Chlorinated volatile compounds not detected using EPA Method 8260
① The following additional volatile compounds were detected using EPA Method 8260, n-Butylbenzene, 3.9; sec-Butylbenzene, 2.2; tert-Butylbenzene, 5.7; isopropylbenzene, 9.8; naphthalene, 18; propylbenzene, 6.3; 1,2,4-trimethylbenzene, 130; and 1,3,5 trimethylbenzene, 23.
+ Well not accessible
- Analysis not required

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

Sample ID	Date	EPA METHOD						
		8015		8020				8010/8260
		TPH G (µg/l)	TPH D (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	Chlorinated Compounds (µg/l)
MW-29	03/23/93	ND	ND	ND	ND	ND	ND	-
	07/27/93	ND	ND	ND	ND	ND	ND	-
	11/05/93	ND	ND	ND	ND	2.1	11	-
	02/25/94	ND	ND	ND	ND	ND	ND	-
	06/03/94	ND	ND	ND	ND	ND	ND	-
	08/31/94	ND	ND	ND	ND	ND	ND	-
	12/22/94	ND	ND‡	ND	ND	ND	ND	-
MW-30	03/23/93	ND	ND	ND	ND	ND	ND	-
	07/27/93	ND	ND	ND	ND	ND	ND	-
	11/05/93	ND	ND	ND	ND	ND	2.8	-
	02/25/94	ND	ND	1.3	ND	ND	ND	-
	06/03/94	ND	ND	1.1	ND	ND	ND	-
	08/31/94	ND	ND	0.8	ND	ND	ND	-
	12/22/94	ND	ND‡	0.6	ND	ND	ND	-
MW-32	03/23/93	440	ND	39	6.2	3.1	9.0	60*
	07/27/93	ND	ND	ND	ND	ND	ND	14*
	11/05/93	170	ND	20	ND	1.8	2.1	7.9*
	02/25/94	ND	ND	5.6	ND	ND	ND	ND
	06/03/94	350	ND	120	1.3	ND	1.4	11*
	08/31/94	ND	ND	39	0.5	2.2	1.2	10*
	12/22/94	ND	ND‡	4.8	ND	ND	ND	4.6*

TPH G Total petroleum hydrocarbons in the gasoline range
TPH D Total petroleum hydrocarbons in the diesel range
µg/l Micrograms per liter or parts per billion
ND Not detected at method detection limits. See specific laboratory reports for method detection limits
ND‡ Anomalous peak, phthalate, reported. Chromatogram does not have a diesel like pattern (see laboratory report, Appendix C).
BTEX Benzene, toluene, ethylbenzene, and xylenes
\- Analysis not required
* 1,2 Dichloroethane

APPENDIX C

LABORATORY REPORTS AND CHAIN-OF-CUSTODY

NESTLÉ USA, INC.

QUALITY ASSURANCE LABORATORY
P.O. BOX 1516
6625 EITERMAN RD.
DUBLIN, OH 43017-1516
TEL. (614) 791-9144
FAX (614) 793-5353

Client: Binayak Acharya
Nestle USA
Glendale, CA
Project: Water Samples from Oakland, CA

Date of Summary: 1/13/95
Date Sampled: 12/22/94
Date Received: 12/24/94

Result Summary

NQAL #	Sample ID	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Xylenes (ug/L)	GRO (mg/L)	DRO (mg/L)
94DEC813-000	MW-2	0.8	ND	ND	ND	ND	0.05*
94DEC813-001	MW-3	1460	18	100	50	3.8	0.27
94DEC813-002	MW-6	ND	ND	ND	ND	ND	0.06*
94DEC813-003	MW-25	0.5	ND	ND	ND	ND	0.17*
94DEC813-004	MW-26	1030	170	85	290	5.0	0.56
94DEC813-005	MW-28	ND	ND	ND	ND	ND	0.09*
94DEC813-006	MW-29	ND	ND	ND	ND	ND	0.09*
94DEC813-007	MW-30	0.6	ND	ND	ND	ND	0.15*
94DEC813-008	MW-32	4.8	ND	ND	ND	ND	0.12*
94DEC813-009	Travel Blank	ND	ND	ND	ND	ND	NR
94DEC813-010	Equipment Blank	0.6	0.7	ND	ND	ND	NR
DRO Method Blank							0.08*
Detection Limit		**0.5**	**0.5**	**0.5**	**0.5**	**0.05**	**0.05**

ND = Not Detected
NR = Not Requested
GRO = Gasoline Range Organics, Luft Method CA DHS
DRO = Diesel Range Organics, Luft Method, CA DHS
BTEX EPA Method 602
* The DRO method blank contained one prominent peak.
This peak was present in all of the samples. It is believed to be a phthalate. The asterisked samples do not have a diesel like pattern on the chromatogram and should be considered not detected. There was no sample left to repeat the analysis.

John R Hansen

NESTLÉ USA, INC.

QUALITY ASSURANCE LABORATORY
P.O. BOX 1516
6625 EITERMAN RD
DUBLIN, OH 43017-1516
TEL. (614) 791-9144
FAX (614) 793-5353

Client: Binayak Acharya
Company: Nestle USA Inc.
Glendale, CA

Date of Report: 1/19/94
Date Sample Collected: 12/22/94
Date Sample Received: 12/24/94

Sample ID: MW-26
Sample Location: Oakland, CA

NQAL #: 94DEC813-004

Final Report

Analyte	Method	Units	Result	MDL	Date Analyzed
Volatiles					
Benzene	EPA 8260	µg/L	1550	2.0	1/3/95
Bromobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Bromochloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
Bromodichloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
Bromoform	EPA 8260	µg/L	ND	2.0	1/3/95
Bromomethane	EPA 8260	µg/L	ND	2.0	1/3/95
n-Butylbenzene	EPA 8260	µg/L	3.9	2.0	1/3/95
sec-Butylbenzene	EPA 8260	µg/L	2.2	2.0	1/3/95
tert-Butylbenzene	EPA 8260	µg/L	5.7	2.0	1/3/95
Carbon tetrachloride	EPA 8260	µg/L	ND	2.0	1/3/95
Chlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Chloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
Chloroform	EPA 8260	µg/L	ND	2.0	1/3/95
Chloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
2-Chlorotoluene	EPA 8260	µg/L	ND	2.0	1/3/95
4-Chlorotoluene	EPA 8260	µg/L	ND	2.0	1/3/95
Dibromochloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dibromo-3-chloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dibromoethane	EPA 8260	µg/L	ND	2.0	1/3/95
Dibromomethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,3-Dichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,4-Dichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Dichlorodifluoromethane	EPA 8260	µg/L	ND	2.0	1/3/95

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FAX (614) 793-5353

Sample ID: MW-26 **NQAL #:** 94DEC813-004
Sample Location: Oakland, CA

Final Report

Analyte	Method	Units	Result	MDL	Date Analyzed
Volatiles (cont)					
1,1-Dichloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dichloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,1-Dichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
cis-1,2-Dichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
trans-1,2-Dichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
1,3-Dichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
2,2-Dichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
1,1-Dichloropropene	EPA 8260	µg/L	ND	2.0	1/3/95
Ethylbenzene	EPA 8260	µg/L	26	2.0	1/3/95
Hexachlorobutadiene	EPA 8260	µg/L	ND	2.0	1/3/95
Isopropylbenzene	EPA 8260	µg/L	9.8	2.0	1/3/95
4-Isopropyltoluene	EPA 8260	µg/L	ND	2.0	1/3/95
Methylene Chloride	EPA 8260	µg/L	ND	2.0	1/3/95
Naphthalene	EPA 8260	µg/L	18	2.0	1/3/95
Propylbenzene	EPA 8260	µg/L	6.3	2.0	1/3/95
Styrene	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,1,2-Tetrachloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,2,2-Tetrachloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
Tetrachloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
Toluene	EPA 8260	µg/L	74	2.0	1/3/95
1,2,3-Trichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,2,4-Trichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,1-Trichloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,2-Trichloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
Trichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
Trichlorofluoromethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2,3-Trichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95

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DUBLIN, OH 43017-1516
TEL. (614) 791-9144
FAX (614) 793-5353

Sample ID: MW-26 **NQAL #:** 94DEC813-004
Sample Location: Oakland, CA

Final Report

Analyte	Method	Units	Result	MDL	Date Analyzed
Volatiles (cont)					
1,2,4-Trimethylbenzene	EPA 8260	µg/L	130	2.0	1/3/95
1,3,5-Trimethylbenzene	EPA 8260	µg/L	23	2.0	1/3/95
Vinyl chloride	EPA 8260	µg/L	ND	2.0	1/3/95
o-Xylene	EPA 8260	µg/L	36	2.0	1/3/95
m&p-Xylene	EPA 8260	µg/L	13	2.0	1/3/95

ND = Not Detected
MDL = Method Detection Limit

NESTLÉ USA, INC.

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P.O. BOX 1516
6625 EITERMAN RD.
DUBLIN, OH 43017-1516
TEL. (614) 791-9144
FAX (614) 793-6353

Client: Binayak Acharya
Company: Nestle USA Inc.
Glendale, CA

Date of Report: 1/19/94
Date Sample Collected: 12/22/94
Date Sample Received: 12/24/94

Sample ID: MW-32
Sample Location: Oakland, CA

NQAL #: 94DEC813-008

Final Report

Analyte	Method	Units	Result	MDL	Date Analyzed
Volatiles					
Benzene	EPA 8260	µg/L	4.7	2.0	1/3/95
Bromobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Bromochloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
Bromodichloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
Bromoform	EPA 8260	µg/L	ND	2.0	1/3/95
Bromomethane	EPA 8260	µg/L	ND	2.0	1/3/95
n-Butylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
sec-Butylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
tert-Butylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Carbon tetrachloride	EPA 8260	µg/L	ND	2.0	1/3/95
Chlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Chloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
Chloroform	EPA 8260	µg/L	ND	2.0	1/3/95
Chloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
2-Chlorotoluene	EPA 8260	µg/L	ND	2.0	1/3/95
4-Chlorotoluene	EPA 8260	µg/L	ND	2.0	1/3/95
Dibromochloromethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dibromo-3-chloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dibromoethane	EPA 8260	µg/L	ND	2.0	1/3/95
Dibromomethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,3-Dichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,4-Dichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Dichlorodifluoromethane	EPA 8260	µg/L	ND	2.0	1/3/95

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FAX (614) 793-5353

Sample ID: MW-32 **NQAL #:** 94DEC813-008
Sample Location: Oakland, CA

Final Report

Analyte	Method	Units	Result	MDL	Date Analyzed
Volatiles (cont)					
1,1-Dichloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dichloroethane	EPA 8260	µg/L	4.6	2.0	1/3/95
1,1-Dichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
cis-1,2-Dichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
trans-1,2-Dichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
1,2-Dichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
1,3-Dichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
2,2-Dichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95
1,1-Dichloropropene	EPA 8260	µg/L	ND	2.0	1/3/95
Ethylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Hexachlorobutadiene	EPA 8260	µg/L	ND	2.0	1/3/95
Isopropylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
4-Isopropyltoluene	EPA 8260	µg/L	ND	2.0	1/3/95
Methylene Chloride	EPA 8260	µg/L	ND	2.0	1/3/95
Naphthalene	EPA 8260	µg/L	ND	2.0	1/3/95
Propylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Styrene	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,1,2-Tetrachloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,2,2-Tetrachloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
Tetrachloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
Toluene	EPA 8260	µg/L	ND	2.0	1/3/95
1,2,3-Trichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,2,4-Trichlorobenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,1-Trichloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,1,2-Trichloroethane	EPA 8260	µg/L	ND	2.0	1/3/95
Trichloroethene	EPA 8260	µg/L	ND	2.0	1/3/95
Trichlorofluoromethane	EPA 8260	µg/L	ND	2.0	1/3/95
1,2,3-Trichloropropane	EPA 8260	µg/L	ND	2.0	1/3/95

NESTLÉ USA, INC.

QUALITY ASSURANCE LABORATORY
P.O. BOX 1616
6625 EITERMAN RD
DUBLIN, OH 43017-1516
TEL. (614) 791-9144
FAX (614) 793-6353

Sample ID: MW-32 **NQAL #:** 94DEC813-008
Sample Location: Oakland, CA

Final Report

Analyte	Method	Units	Result	MDL	Date Analyzed
Volatiles (cont)					
1,2,4-Trimethylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
1,3,5-Trimethylbenzene	EPA 8260	µg/L	ND	2.0	1/3/95
Vinyl chloride	EPA 8260	µg/L	ND	2.0	1/3/95
o-Xylene	EPA 8260	µg/L	ND	2.0	1/3/95
m&p-Xylene	EPA 8260	µg/L	ND	2.0	1/3/95

ND = Not Detected
MDL = Method Detection Limit

SIERRA LABORATORIES
TEL: 714 • 758 • 9988
FAX: 714 • 758 • 9692
1525 Endeavour Place • Suite D • Anaheim, CA • 92801

CHAIN OF CUSTODY RECORD

No. 1001628

Date: / / Page 2 of 3

Lab Project No.:

Client: Ben Environmental Corp.
Client Address: 8084 Old Auburn Rd Suite E
Citrus Heights, CA. 95610
Client Tel. No.: (916) 723-1776
Client Fax No.: (916) 725-7698
Client Proj. Mgr.: Hugh Ashley

Client Proj. Number/Proj. Name: 5008-)12 (Nestle-Oakland)

Turn Around Time Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 hours
- ☐ Rush 72-96 hours
- ☒ Normal
- ☐ Mobile

Analyses Requested

Client Sample No.	Date	Time	Matrix	Preservatives	Container Type	No. of Containers	8015 Modified (TPH as Gasoline - CADHS LUFT) and EPA 8020 (Aromatic Volatiles - BTEX) in Soils	8015 Modified (TPH as Gasoline - CADHS LUFT)	8015 Modified (TPH as Diesel: CADHS LUFT)	EPA 8020 (Volatile Aromatics - BTEX)	EPA 8010 (Volatile Halogenated)	EPA 8010/8020 (Volatile Aromatics & Halogenated)	EPA 418.1 (TRPH)	Total Lead EPA 6010 or EPA 7421 (Circle one)	Organic Lead (CADHS LUFT)			Comments
MW-2	12/22/94	1320	Water	HCl	VOA	4	✓											94Dec813000
MW-2	↓			None	1 Liter	2			✓									↓
MW-3		1500		HCl	VOA	4	✓											001
MW-3		↓		None	1 Liter	2			✓									↓
MW-6		1330		HCl	VOA	4	✓											002
MW-6		↓		None	1 Liter	2			✓									002
MW-25		1155		HCl	VOA	4	✓											003
MW-25		↓		None	1 Liter	2			✓									↓
MW-26		1215		HCl	VOA	4	✓											004
MW-26	↓	↓	↓	None	1 Liter	2		✓				✓						↓

1 Sampler Signature: Chris LaPorte
Company:
Shipped Via:
(Carrier/Waybill No.)

2 Relinquished By: Lily Brown Date: 12/24
Company: MACTEC Time:
Received By: Date:
Company: Time:

3 Relinquished By: Date:
Company: Time:
Received By: Date:
Company: Time:

4 Relinquished By: Date:
Company: Time:
Received By: Date:
Company: Time:

Special Instructions:

Total Number of Containers Submitted to Laboratory

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

Total Number of Containers Received by Laboratory

Sample Disposal:
- ☐ Return to Client
- ☐ Lab Disposal
- ☐ Archive ____ mos.
- ☐ Other ____

FOR LABORATORY USE ONLY - Sample Receipt Conditions:
- ☑ Chilled
- ☑ Intact
- ☐ Sample Seals
- ☑ Properly Labeled
- ☑ Appropriate Sample Container
- ☑ Appropriate Preservatives
- ☐ Other
- ☐ Other

DISTRIBUTION: White - To Accompany Samples, Yellow - Laboratory Copy, Pink - Field Personnel Copy

Rev: 071693

RECEIVED DEC 24 1994

NY 100102

CHAIN OF CUSTODY RECORD

Date: 1/1 Page 2 of 3

SIERRA LABORATORIES
TEL: 714 • 758 • 9988
FAX: 714 • 758 • 9692
1525 Endeavour Place • Suite D • Anaheim, CA • 92801

Lab Project No.:

Client: Park Environmental
Client Address: 8084 Old Auburn Road, Suite E
Citrus Heights, CA 95610

Client Tel. No.: 916-723-1776
Client Fax No.: 916-723-7698
Client Proj. Mgr.: Hugh Ashley

Client Proj. Number/Proj. Name: 5008-J12 / Nestle Oakland

Turn Around Time Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 hours
- ☐ Rush 72-96 hours
- ☐ Normal
- ☐ Mobile

Analyses Requested

Client Sample No.	Date	Time	Matrix	Preservatives	Container Type	No. of Containers	8015-Modified (TPH as Gasoline - CADHS LUFT) and EPA 5030 (Aromatic Volatiles - BTEX) w/ Silica	8015-Modified (TPH as Gasoline - CADHS LUFT)	8015-Modified (TPH as Diesel - CADHS LUFT)	EPA 8020 (Volatile Aromatics - BTEX)	EPA 8010 (Volatile Halogenated)	EPA 8010/8020 (Volatile Aromatics & Halogenated)	EPA 418.1 (TRPH)	Total Lead - EPA 6010 or EPA 7421 (Graphite)	Organic Lead (CADHS LUFT)			Comments
MW-26	12/22/94	1215	Water	~~Grass~~ None	Glass				✓									94 Dec 813-004
~~MW-27~~				HCl	VOA		✓											
~~MW-27~~				None	Glass				✓									
MW-28		1130		HCl	VOA		✓											005
MW-28		↓		None	Glass				✓									↓
MW-29		1037		HCl	VOA		✓											006
MW-29		↓		None	Glass				✓									↓
MW-30		1540		HCl	VOA		✓											007
MW-30		↓		None	Glass				✓									↓
MW-32	↓	1400	↓	HCl	VOA		✓											008

1 Sampler Signature: [signature] Chris Lakosh
Company:
Shipped Via: (Carrier/Waybill No.)

2 Relinquished By: Sandy Brown Date: 12/24 Time: Received By: Date: Time:
Company: MOHL Company:

3 Relinquished By: Date: Time: Received By: Date: Time:
Company: Company:

4 Relinquished By: Date: Time: Received By: Date: Time:
Company: Company:

Special Instructions:

Total Number of Containers Submitted to Laboratory

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

Total Number of Containers Received by Laboratory

Sample Disposal:
- ☐ Return to Client
- ☐ Lab Disposal
- ☐ Archive ____ min.
- ☐ Other ____

FOR LABORATORY USE ONLY - Sample Receipt Conditions:
- ☐ Chilled
- ☑ Appropriate Sample Container
- ☑ Initial
- ☑ Appropriate Preservatives
- ☐ Sample Seals
- ☐ Other
- ☑ Properly Labeled
- ☐ Other

DISTRIBUTION: White - To Accompany Samples, Yellow - Laboratory Copy, Pink - Field Personnel Copy

Rev: 07/93

DEC 24 1994

NESTLE QA LAB. 01/19/95 09:52 ☎614 793 5353 004

IN: 1001063

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FAX: 714 • 758 • 9692
1525 Endeavour Place • Suite D • Anaheim, CA • 92801

CHAIN OF CUSTODY RECORD

Date: __/__/__ Page 3 of 3

Lab Project No.: _____

Client: Park Environmental
Client Address: 8084 Old Auburn Road Suite E
Citrus Heights, CA 95610

Client Tel. No.: 916-723-1776
Client Fax No.: 916-723-7698
Client Proj. Mgr.: Hugh Ashley

Client Proj. Number/Proj. Name: 5008-J12/Nestle Oakland

Turn Around Time Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 hours
- ☐ Rush 72-96 hours
- ☒ Normal
- ☐ Mobile

Analyses Requested

Client Sample No.	Date	Time	Matrix	Preservatives	Container Type	No. of Containers	8015-Modified (TPH as Gasoline - CADHS LUFT) and EPA 1020 (Aromatic Volatiles - BTEX) in Series	8015-Modified (TPH as Gasoline - CADHS LUFT)	8015-Modified (TPH as Diesel- CADHS LUFT)	EPA 8020 (Volatile Aromatics - BTEX)	EPA 8010 (Volatile Halogenated)	EPA 8010/8020 (Volatile Aromatics & Halogenated)	EPA 418.1 (TRPH)	Total Lead - EPA 6010 or EPA 7421 (Circle one)	Organic Lead (CADHS LUFT)			Comments
MW-32	12/22/94	1400	Water	HCl	VOA	4						✓						94Dec813 008
MW-32	↓	↓	↓	None	Glass	2			✓									↓
Travel blank		0800		HCl	VOA	2	✓											009
Equipment blank	↓	0800	↓	HCl	VOA	2	✓											010

Comments

DEC 24 1994
RECEIVED

1. Sampler Signature: _____ Company: _____ Shipped Via: _____ (Carrier/Waybill No.)

Total Number of Containers Submitted to Laboratory

Sample Disposal:
- ☐ Return to Client
- ☐ Lab Disposal
- ☐ Archive ____ mos.
- ☐ Other _____

2. Relinquished By: Andy Brown Date: 12/24 Time: _____ Company: YOAL
Received By: _____ Date: _____ Time: _____ Company: _____

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

3. Relinquished By: _____ Date: _____ Time: _____ Company: _____
Received By: _____ Date: _____ Time: _____ Company: _____

Total Number of Containers Received by Laboratory

4. Relinquished By: _____ Date: _____ Time: _____ Company: _____
Received By: _____ Date: _____ Time: _____ Company: _____

FOR LABORATORY USE ONLY - Sample Receipt Conditions:
- ☑ Chilled
- ☑ Intact
- ☐ Sample Seals
- ☑ Properly Labeled
- ☑ Appropriate Sample Container
- ☑ Appropriate Preservation
- ☐ Other _____
- ☐ Other _____

Special Instructions:

Rev: 071693

DISTRIBUTION: White - To Accompany Samples, Yellow - Laboratory Copy, Pink - Field Personnel Copy