First Quarter
1997 Monitoring Report
Nestle Facility
1310 14th Street
Oakland, California

Prepared for

Nestle USA, Inc.

Prepared by

EA Engineering, Science, and Technology

March 1997

60966.01.0008

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Prepared for

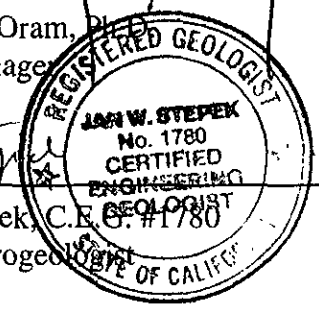
Nestle USA, Inc.
800 North Brand Boulevard
Glendale, California 91203

Prepared by

EA Engineering, Science, and Technology
3468 Mt. Diablo Boulevard, Suite B-100
Lafayette, California 94549
(510) 283-7077

Douglas E. Oram, P.E.
Project Manager

3/7/97
Date



Jan W. Stepek, C.E.G. #1780
Senior Hydrogeologist

3/7/97
Date

March 1997

SITE CONTACTS

Site Address:	1310 14th Street Oakland, California
Nestle USA, Inc. Contact:	Binayak Acharya Nestle USA, Inc. 800 North Brand Boulevard Glendale, California 91203 (818) 549-5948
Consultant to Nestle USA, Inc.:	EA Engineering, Science, and Technology 3468 Mt. Diablo Boulevard, Suite B-100 Lafayette, California 94549 (510) 283-7077
EA Project Manager:	Douglas E. Oram
Regulatory Oversight:	Jennifer Eberle Alameda County Health Agency Division of Environmental Protection 1131 Harbor Bay Parkway, 2nd Floor Alameda, California 94502 (510) 567-6700

CONTENTS

1. INTRODUCTION

Nestle USA, Inc. (Nestle) has retained EA Engineering, Science, and Technology (EA) to provide environmental services for their facility at 1310 14th Street, Oakland, California (Figure 1). EA has prepared this report of quarterly monitoring for the first quarter of 1997. Work performed during this quarter is summarized below.

Wells containing passive skimmers (PR34, PR58, PR61, and E0) were monitored for the presence of non-aqueous phase liquid (NAPL) on a 1–2 week basis. NAPL was recovered from these wells if present in the well at a thickness of greater than 0.05 feet.

The depth to groundwater in selected wells was measured and groundwater elevations were calculated. To further delineate concentrations of dissolved hydrocarbons in groundwater, samples were collected and analyzed for petroleum hydrocarbons, methyl t-butyl ether (MTBE), and halogenated volatile organic compounds (HVOCs).

2. FIELD PROCEDURES

2.1 NAPL Gauging and Recovery

Wells containing passive skimmers (PR34, PR58, PR61, and E0) were monitored for the presence of NAPL on a 1–2 week basis. Skimmers were removed, checked, and emptied. Each well was then gauged with an interface probe. After gauging, a semi-rigid tube was inserted at the estimated NAPL level into each well that contained more than 0.05 feet of NAPL. The NAPL was collected with a peristaltic pump and the volume was recorded. The skimmers were then reinstalled.

2.2 Purging and Sampling of Groundwater

Before groundwater was sampled, at least 3 well casing volumes of water were removed from each well, using a dedicated 1-inch PVC pipe attached to a vacuum truck. The temperature, pH, and electrical conductance of the purged water were recorded at approximately each well casing volume as the well was purged. When the parameters were stable (less than 10 percent change from the previous reading for temperature, pH, and electrical conductance), purging was stopped. Groundwater samples were collected from each well with factory-cleaned disposable polyethylene bailers. The samples were poured into 40-ml glass VOA vials and 1-liter glass amber jars and placed in an ice-filled cooler. A field-prepared sampling equipment rinse blank was stored and transported in the cooler with the samples. All samples were handled and transported under chain of custody.

The samples were submitted to the Nestle Quality Assurance Laboratory (NQAL), where they were analyzed for gasoline-range organics (GRO) and diesel-range organics (DRO) by the California DOHS method described in the October 1989 LUFT Field Manual. Samples were also analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and MTBE by EPA

Method 8020 and for HVOCs by EPA Method 8010. The following sampling and analysis was performed:

Well	BTEX	TPH-g	TPH-d	MTBE	HVOCs
MW-2	X	X	X		X
MW-3	X	X	X		X
MW-6	X	X	X		X
MW-25	X	X	X		X
MW-26	X	X		X	X
MW-27	X	X	X		X
MW-28	X	X	X	X	X
MW-29	X	X	X	X	X
MW-30	X	X	X		X
MW-32	X	X	X		X
MW-23					X
V-15					X
PR-46				X	X
V-85					X
E-7					X
PR-54	X	X	X		X
PR-53	X	X		X	X

3. SUMMARY OF RESULTS

3.1 NAPL Monitoring and Removal

Monitoring of NAPL thickness is summarized in Table 1. Wells which have been monitored for NAPL since 6 December 1995 are shown in Figure 2. The cumulative amounts of NAPL bailed from all wells from 6 December 1995 to 10 February 1997 are shown in Table 2. Approximately 84 gallons of NAPL have been removed from wells at the site since 6 December 1995. The field documents for the NAPL measurements and recoveries for the first quarter are included in Appendix A.

3.2 Depth to Groundwater Measurements

On 16 January 1997, the depth to groundwater was measured in selected monitoring wells. Groundwater elevations ranged from 6.82 (MW-29, MW-30) to 8.04 (MW-2) feet above mean sea level (Table 3). Groundwater elevations have increased an average of 2 feet since last measured on 29 August 1996. A groundwater elevation contour map for 16 January 1997 is shown in Figure 3. The direction of groundwater flow is toward the north-northwest, at a gradient of 0.004 feet per foot. Field documentation is provided in Appendix A.

3.3 Analysis of Samples

3.3.1 Petroleum Hydrocarbons

Laboratory test results for GRO, DRO, BTEX, and MTBE analyses of groundwater samples collected on 16 January 1997 are reported in Table 4, along with the results of previous quarterly sampling events since March 1993. The laboratory analytical report for 16 January 1997 is included as Appendix B.

The concentration of benzene in groundwater samples is shown in Figure 4. Benzene concentrations ranged from less than 0.5 μg/L in samples collected from MW-2 and MW-30 to 6,500 μg/L in the sample collected from MW-26. The concentration of GRO in groundwater samples is shown in Figure 5. GRO concentrations in samples collected on 16 January ranged from less than 50 μg/L at MW-2 to 180,000 μg/L at PR-54.

An increase in BTEX and GRO concentrations was observed in samples collected from wells MW-3, MW-6, MW-27, MW-28, and MW-29 relative to the 29 August 1996 sampling event. A decrease was observed in well MW-32. All other results are generally consistent with previous events.

MTBE was detected in samples collected from four of five wells analyzed in concentrations ranging from 1.8 μg/L (MW-29) to 350 μg/L (PR-53).

3.3.2 HVOCs

Laboratory test results for HVOC analyses of groundwater samples are summarized in Tables 4 and 5. The laboratory analytical report for groundwater samples collected on 16 January 1997 is included as Appendix B.

The concentrations of chlorinated hydrocarbons detected in groundwater samples collected on 16 January 1997 is shown in Figure 6. 1,2-Dichloroethane (1,2-DCA) was detected in nine of 17 samples analyzed for HVOCs. The source of this compound has not been determined. The highest concentration of 1,2-DCA (greater than 120 μg/L) was detected in the sample collected from well E-7.

Previous HVOC results are available only for wells MW-26 and MW-27. The results for 16 January 1997 appear to be consistent with those of recent sampling events at these wells.

4. REMEDIATION SYSTEM STATUS

An equipment vendor was selected and permit applications were submitted for a multiphase extraction system to be installed at the site.

5. WORK PROPOSED FOR THE NEXT QUARTER

During the second quarter of 1997, wells MW-3, MW-26, and MW28 will be sampled and analyzed for BTEX, TPH-g, TPH-d, MTBE, and HVOCs.

Design, permitting, and procurement will be completed, and installation of the multiphase extraction system will begin.

Figures

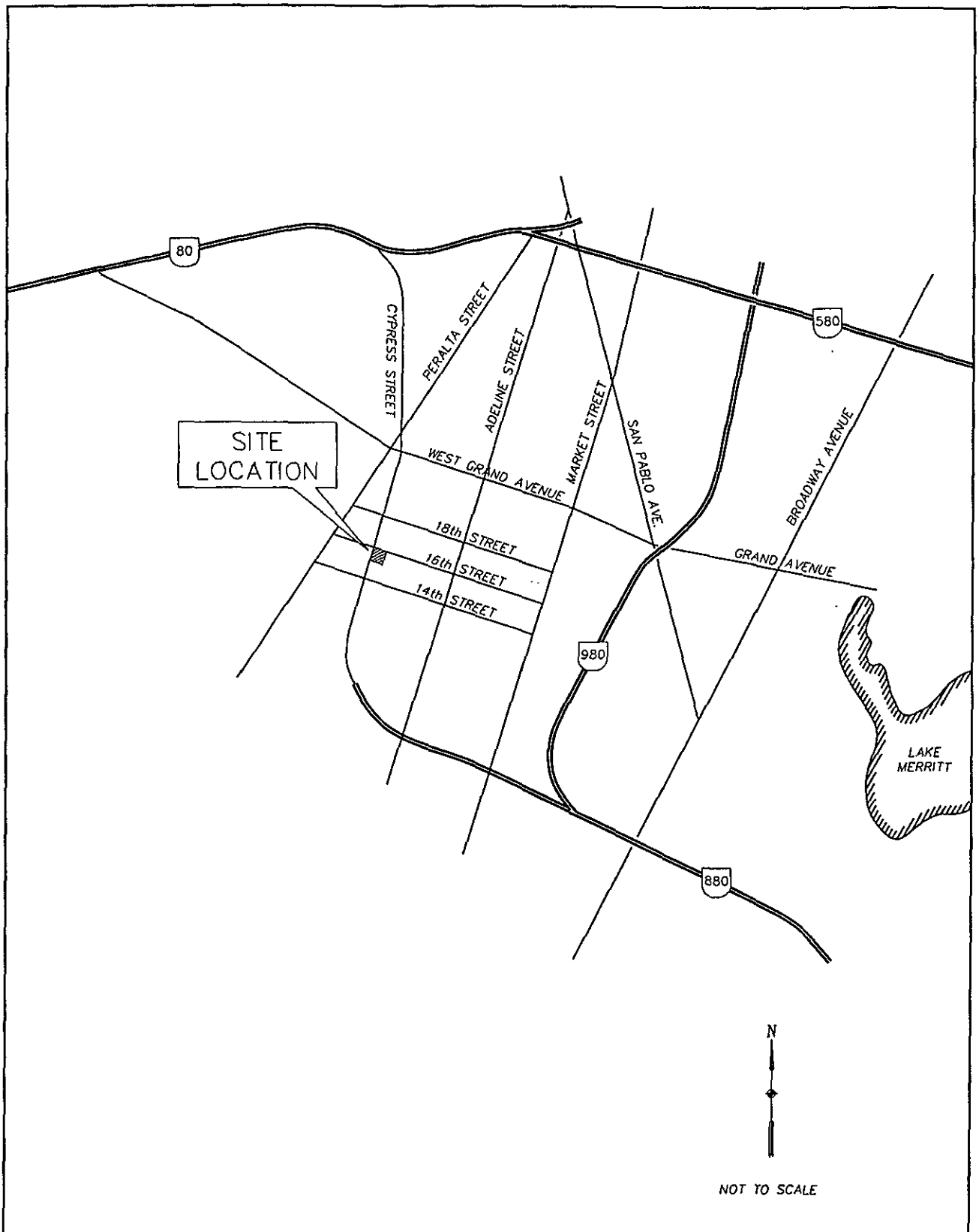


FIGURE 1.
SITE LOCATION MAP
NESTLE FACILITY, 1310 14th STREET,
OAKLAND, CALIFORNIA.

EA® EA ENGINEERING, SCIENCE, AND TECHNOLOGY

PROJECT NO.	DATE
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FILE NAME: LOCATION.DWG	REVIEWED BY: A. MOORE

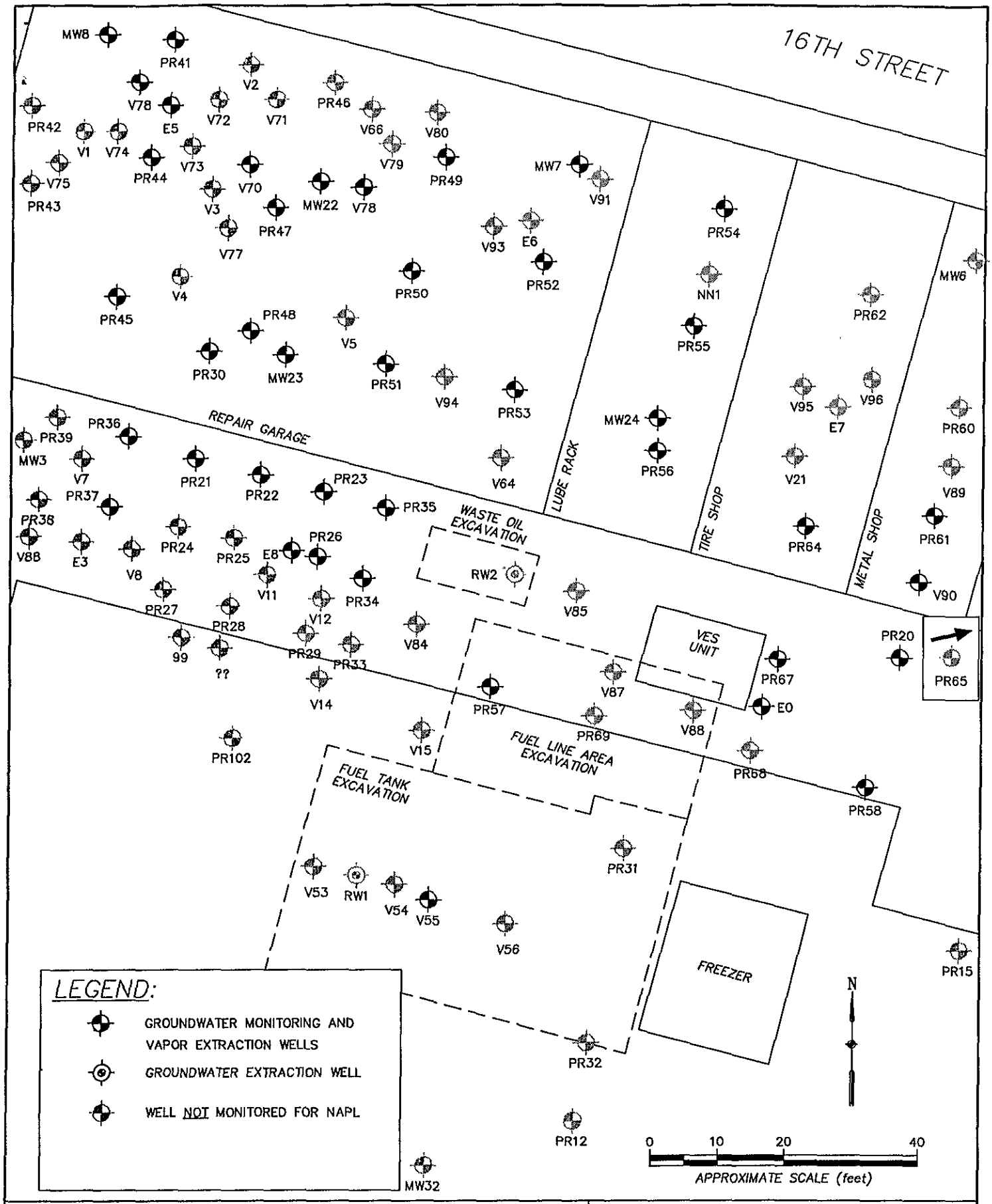

FIGURE 2.
LOCATION OF WELLS MONITORED FOR NAPL,
NESTLE FACILITY, OAKLAND, CALIFORNIA

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

PROJECT NO.: 60966.01.0008	DATE: 5/22/96
FILE NAME: nestle5e.dwg	REVIEWED BY: C. MARTING

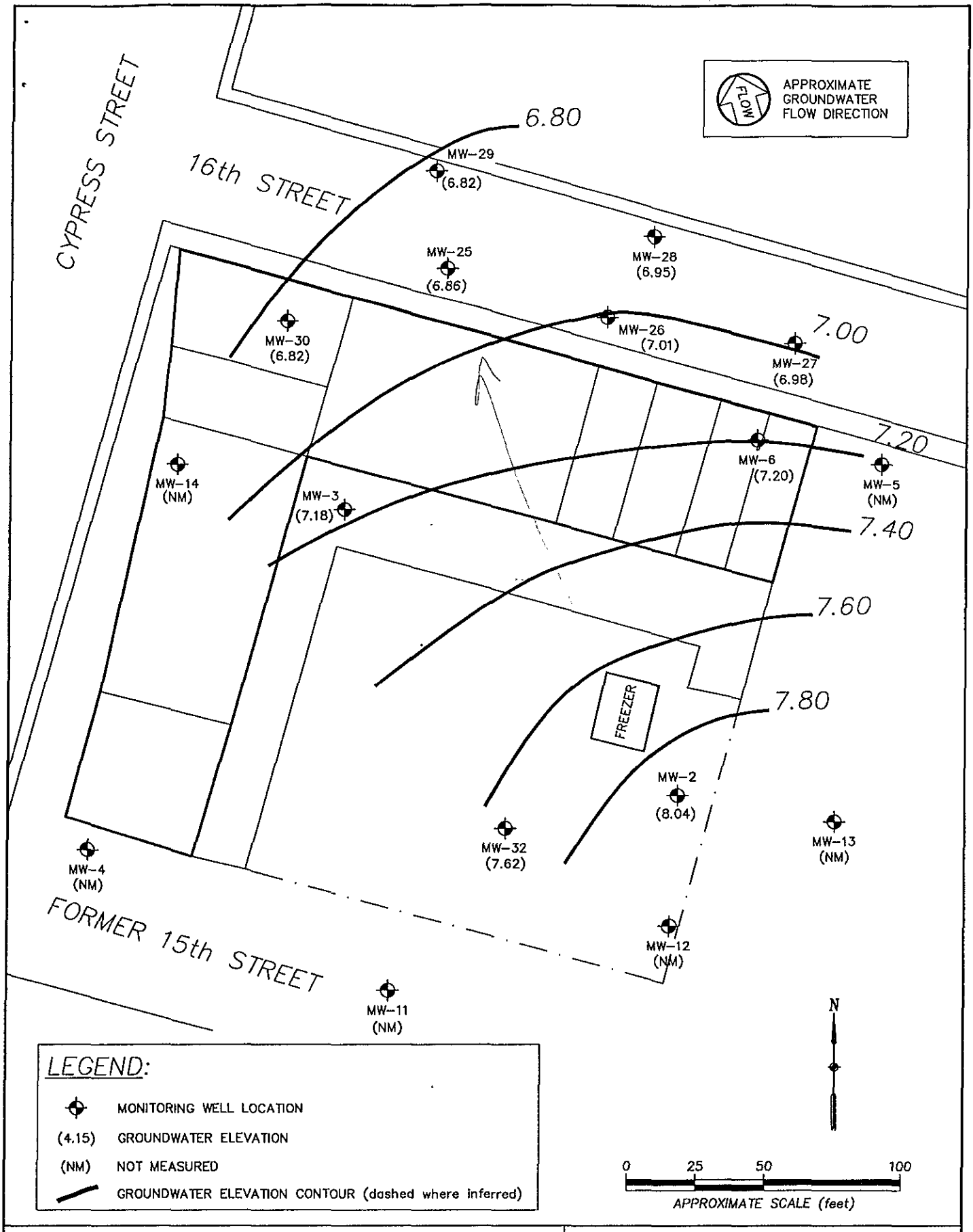

FIGURE 3.
GROUNDWATER ELEVATIONS IN WELLS
SAMPLED FOR DISSOLVED HYDROCARBONS
NESTLE FACILITY, OAKLAND, CALIFORNIA
16 JANUARY 1997

EA® EA ENGINEERING, SCIENCE, AND TECHNOLOGY

PROJECT NO.:	DATE
60966.01.0008	3/6/97
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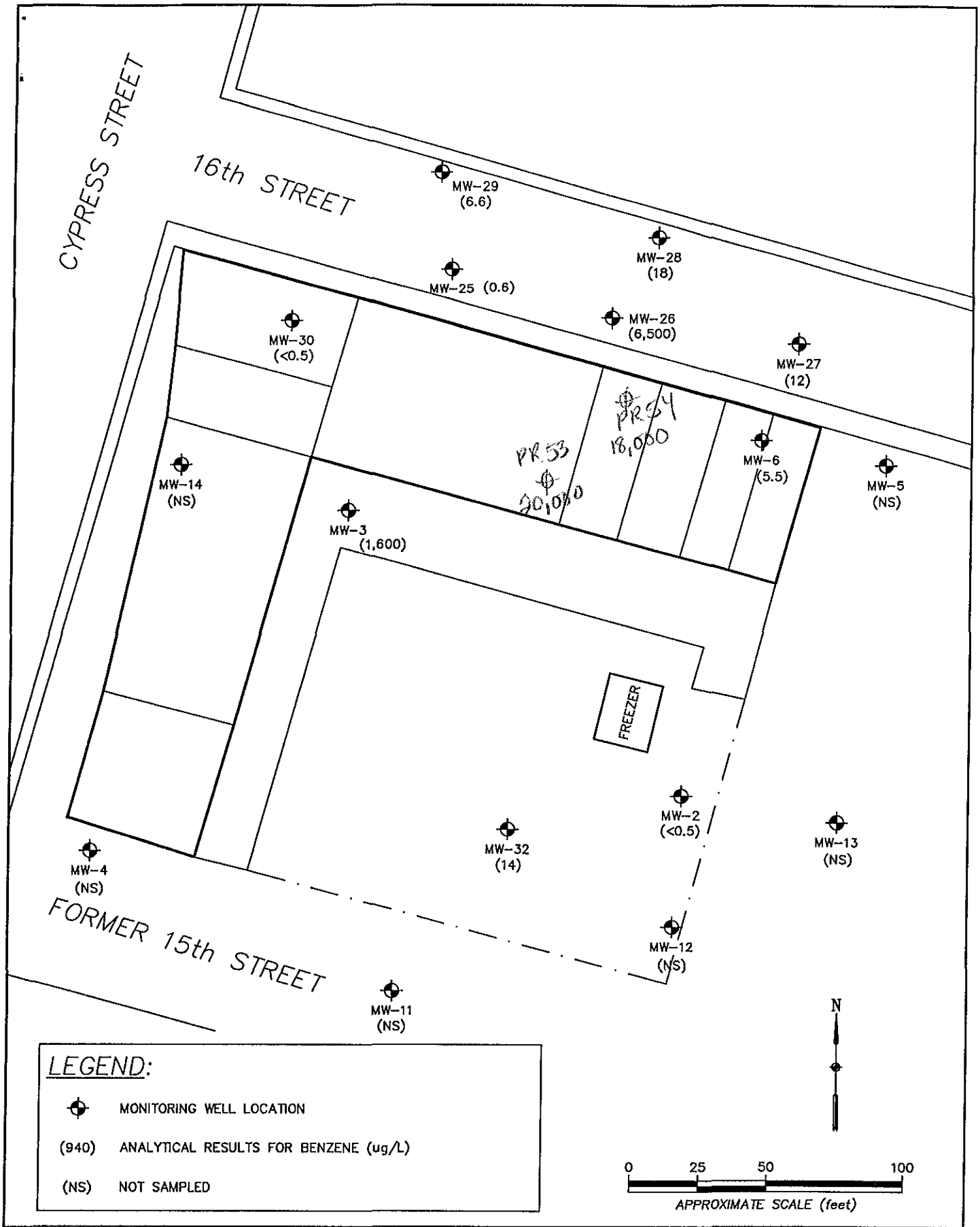


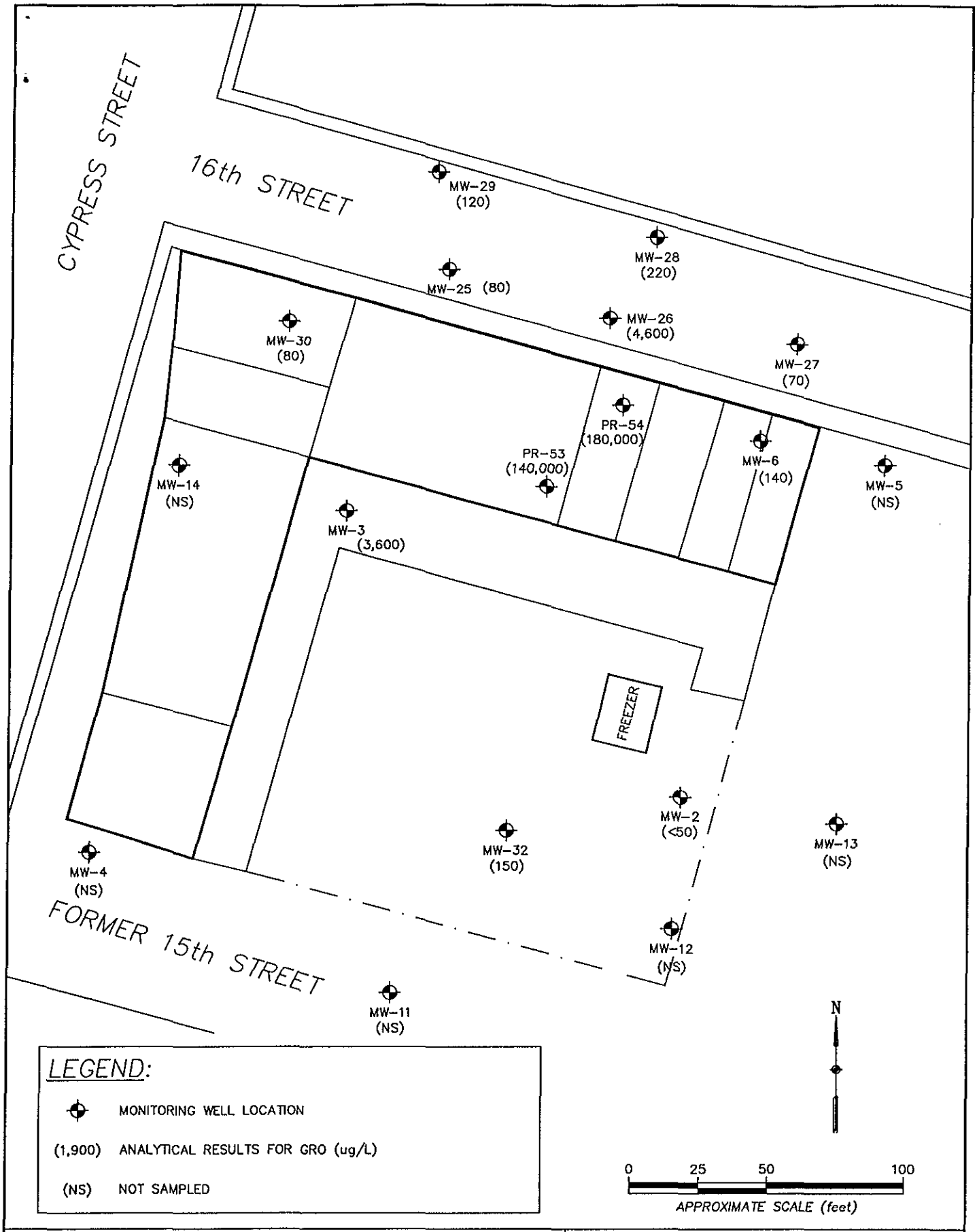
LEGEND:

- ⊕ MONITORING WELL LOCATION
- (940) ANALYTICAL RESULTS FOR BENZENE (ug/L)
- (NS) NOT SAMPLED

FIGURE 4.
GROUNDWATER SAMPLING
ANALYTICAL RESULTS FOR BENZENE (ug/L)
NESTLE FACILITY, OAKLAND, CALIFORNIA
16 JANUARY 1997

EA® EA ENGINEERING, SCIENCE, AND TECHNOLOGY

PROJECT NO.:	DATE
60966.01.0008	3/6/97
FILE NAME: nstlgwsb.dwg	REVIEWED BY: D. ORAM



LEGEND:

- MONITORING WELL LOCATION
- (1,900) ANALYTICAL RESULTS FOR GRO (ug/L)
- (NS) NOT SAMPLED

FIGURE 5.
GROUNDWATER SAMPLING
ANALYTICAL RESULTS FOR GRO (ug/L)
NESTLE FACILITY, OAKLAND, CALIFORNIA
16 JANUARY 1997

EA® EA ENGINEERING, SCIENCE, AND TECHNOLOGY

PROJECT NO.:	DATE
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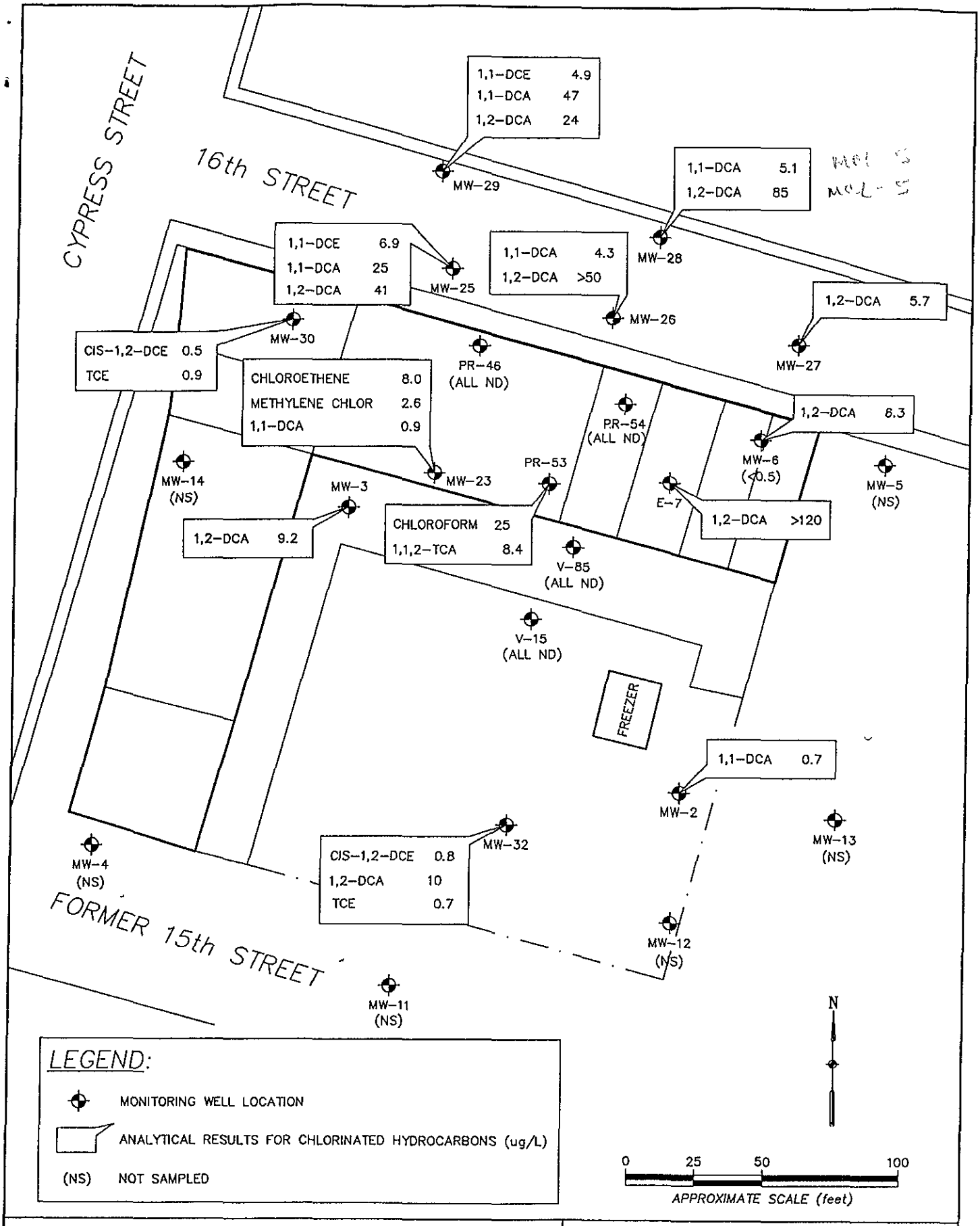

FIGURE 6.
GROUNDWATER SAMPLING ANALYTICAL RESULTS
FOR CHLORINATED HYDROCARBONS (ug/L)
NESTLE FACILITY, OAKLAND, CALIFORNIA
16 JANUARY 1997

EA® EA ENGINEERING, SCIENCE, AND TECHNOLOGY

PROJECT NO.: 60966.01.0008	DATE: 3/7/97
FILE NAME: nestlclca.dwg	REVIEWED BY: D. ORAM

Tables

TABLE 1 PRODUCT THICKNESS (ft), FORMER CARNATION DAIRY FACILITY, OAKLAND, CALIFORNIA, NOVEMBER 1993 - FEBRUARY 1997

Well	11/4/93	2/24/93	3/18/94	6/2/94	8/31/94	12/22/94	3/13/95	6/9/95	7/27/95	9/22/95	12/6-28/95	2/27/96	2/29/96	6/20/96	8/30/96	9/18/96	10/4/96	10/11/96	10/18/96	10/22/96	11/22/96	12/6/96	12/17/96	12/21/96	1/3/97	1/14/97	2/10/97
MW-7	0.79	1.14	2.82	0.26	0.01	0.04	<0.01	<0 01	--	0.21	--	<0.01	--	0.02	0.20	0.04	--	--	--	--	--	--	--	--	--	--	--
MW-8	0.47	0.44	0.30	0.31	0.31	0.26	0.08	0.09	0.23	0.24	0.24	<0.01	--	0.03	0.04	0.03	--	--	--	--	--	--	--	--	--	--	--
MW-22	1.83	1.54	>3.0	1.14	0.19	0.03	<0.01	<0.01	<0.01	0.32	0.30	<0.01	--	0.01	0.04	0.22	--	--	--	--	--	--	--	--	--	--	--
MW-23	1.21	0.07	1.40	1.79	0.68	0.41	<0.01	0.31	0.44	0.71	0.30	0.19	0.15	1.00	0.24	0.63	--	--	--	--	--	--	--	--	--	--	--
MW-24	1.77	12.10	>3.0	0.97	0.39	<0.01	<0.01	<0.01	--	1.41	<0.01	<0.01	--	2.46	1.45	1.15	--	--	--	--	--	--	--	--	--	--	--
E-0	--	--	--	--	--	--	--	--	2.72	--	<0.01	3.92	0.07	0.18	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.38	1.55	1.45	0 3	0.39	--	<0.01
E-1	--	--	--	--	--	--	--	--	--	--	0.27	--	--	*	--	--	--	--	--	--	--	--	--	--	--	--	--
E-5	--	--	--	--	--	--	--	--	--	--	1.50	0.27	0.03	0.10	0.01	0.04	--	--	--	--	--	--	--	--	--	--	--
E-6	--	--	--	--	--	--	--	--	0.08	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-8	--	--	--	--	--	--	--	--	0.10	--	0.42	0.19	0.02	<0.01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-20	0.91	1.15	3.41	1.45	0.88	1.04	0.14	0.16	2.54	1.12	<0.01	3.5	2.65	3.50	0.69	0.47	0.36	0.2	--	--	--	--	--	--	--	--	--
PR-21	0.63	--	2.76	1.39	0.42	2.01	4.11	2.42	1.93	0.70	0.60	2.99	0.77	1.50	0.86	0.54	--	--	--	--	--	--	--	--	--	--	--
PR-22	0.98	1.43	>3.0	0.90	0.47	0.04	0.60	0.71	0.68	0.71	0.23	1.57	0.94	1.20	0.47	0.42	--	--	--	--	--	--	--	--	--	--	--
PR-23	0.67	0.36	1.06	0.38	0.17	0.06	0.34	0.06	0.08	0.12	0.11	<0.01	--	<0.01	0.09	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-24	--	--	--	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-26	0 6	0.54	2.05	0.39	0.17	<0.01	<0.01	<0.01	--	0.13	0.12	0.27	<0.01	0.01	0.07	0.03	--	--	--	--	--	--	--	--	--	--	--
PR-27	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-30	--	--	--	2.81	1.21	1.97	<0.01	<0.01	--	Dry	Dry	Dry	--	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--	--
PR-34	0.66	1.17	2.81	1.07	0.37	2.45	4.06	3.54	2.30	1.03	0.58	5.10	1.22	1.95	1.14	0.48	0.33	0.23	0.01	<0.01	<0.01	0.26	0.59	0.25	<0.01	<0.01	0.75
PR-35	0.62	1.26	>3.0	1.70	0.12	0.13	0.85	0.91	0.84	0.73	0.40	0.20	0.11	0.22	0.33	0.11	--	--	--	--	--	--	--	--	--	--	--
PR-36	-	1.13	1.43	1.13	0.37	0.19	0.15	0.23	0.22	Dry	Dry	0.20	0.05	0.01	Dry	Dry	--	--	--	--	--	--	--	--	--	--	--
PR-37	0.41	1.29	2.35	0.96	0.14	0.22	0.83	0.82	0.58	0.58	0.18	1.14	0.32	0.20	0.19	0.11	--	--	--	--	--	--	--	--	--	--	--
PR-41	0 59	0.53	0.42	0.13	0.43	0.03	<0.01	<0.01	--	Dry	Dry	Dry	--	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--	--
PR-44	0.24	0.22	0.19	<0.01	<0.01	<0.01	<0.01	<0.01	--	Dry	-	<0.01	--	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--	--
PR-45	0.17	5.27	0.10	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0 01	--	--	--	--	--	--	--	--	--	--	--
PR-47	0.75	0.41	sheen	<0.01	<0.01	0.01	<0.01	<0.01	--	0.08	0.08	<0.01	--	<0.01	0.08	0.02	--	--	--	--	--	--	--	--	--	--	--
PR-48	1.12	0.20	>3.0	0.83	0.07	1.43	0.64	0.65	0.94	0.50	0.54	0.11	0.06	2.06	1.36	0.38	--	--	--	--	--	--	--	--	--	--	--
PR-49	--	3.24	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	--	Dry	Dry	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-50	1.08	1.58	0.89	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0 01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-51	--	6.57	>3.0	<0.01	0.72	2.02	<0.01	<0.01	<0.01	<0.01	<0.01	Dry	--	Dry	Dry	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-52	1.01	5.09	1.16	0.45	0.05	0.03	<0.01	<0.01	<0.01	<0.01	-	<0.01	--	<0.01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-53	1.15	3.01	>3.0	0.61	0.49	1.52	<0.01	1.55	1.47	1.08	0.17	0.90	0.27	1.01	0.81	0.38	--	--	--	--	--	--	--	--	--	--	--
PR-54	0.97	0.99	1.20	<0.01	0.08	0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-55	1.48	0.07	1.31	0.87	<0.01	0.01	<0.01	Dry	Dry	Dry	-	Dry	--	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--	--
PR-56	0.90	1.30	--	0.89	0.15	1.48	<0.01	<0.01	0.01	<0.01	-	<0.01	--	<0.01	<0.01	Dry	--	--	--	--	--	--	--	--	--	--	--
PR-57	--	6.40	--	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	-	<0.01	--	<0.01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--
PR-58	0.96	0.85	--	1.48	0.89	2.15	1.41	1.34	2.40	1.18	0.57	2.67	1.25	2.79	1.47	1.01	--	0.52	0.23	0.11	<0.01	<0.01	<0.01	<0 01	0 2	1.04	2.3

TABLE 1 (continued)

Well	11/4/93	2/24/93	3/18/94	6/2/94	8/31/94	12/22/94	3/13/95	6/9/95	7/27/95	9/22/95	12/6-28/95	2/27/96	2/29/96	6/20/96	8/30/96	9/18/96	10/4/96	10/11/96	10/18/96	10/22/96	11/22/96	12/6/96	12/17/96	12/21/96	1/3/97	1/14/97	2/10/97
PR-60	–	*<0.01*	--	*<0.01*	*<0.01*	*<0.01*	*<0.01*	*<0.01*	*0.01*	*<0.01*	*<0.01*	–	–	–	–	--	–	--	–	–	–	–	–	–	–	–	–
PR-61	0.25	0.39	0.35	1.03	<0.01	0.01	<0 01	<0.01	1.30	<0.01	<0.01	1.48	0.45	1.96	0.93	0.38	–	--	–	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.45
PR-62	0.04	--	0.07	0.09	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	–	--	–	--	–	--	–	–	--	–	--	--	--	--	--	--
PR-64	1.49	0.11	>3.0	–	1.06	2.15	1.03	1.17	2.12	1.15	0.58	3.08	0.4	3.15	1.01	--	0.82	0.69	0.68	–	--	–	--	–	--	--	--	--
PR-65	*0.04*	*0.02*	*0.09*	*0.08*	*<0.01*	*<0.01*	*<0.01*	*<0.01*	*<0.01*	*<0.01*	*<0.01*	*<0.01*	--	–	–	--	–	--	–	--	--	–	--	–	--	–	--	--
PR-67	1.05	0.65	0.81	–	--	–	–	--	0.05	–	<0.01	<0.01	–	0.03	0.10	0.07	–	--	–	--	--	–	--	–	--	–	--	--
PR-70	--	–	1.59	--	--	–	--	--	–	--	–	--	--	*	--	–	--	–	--	--	--	–	--	--	--	--	--	–
V-8	--	--	–	–	--	–	--	--	0.01	--	<0.01	--	--	–	--	–	--	–	--	--	--	–	--	–	--	--	--	--
V-55	–	--	--	–	–	--	–	--	--	–	*0.04*	–	--	*<0 01*	*<0.01*	*	–	--	–	--	–	--	–	--	–	--	--	--	--
V-77	–	--	--	–	–	--	–	--	0.78	Dry	--	–	--	–	--	–	--	--	–	--	–	--	–	--	–	--	--	--	–
V-78	–	–	--	--	–	--	–	–	0.01	–	<0.01	<0.01	–	<0.01	<0.01	<0.01	–	--	–	--	--	--	–	--	–	--	--	--	–
V-90	–	1.41	--	0.94	0.16	1.68	0.02	0.02	Dry	Dry	<0.01	Dry	--	Dry	Dry	Dry	--	--	–	--	–	--	–	--	--	--	--	--	–
V-94	–	–	--	--	–	--	–	--	0 01	–	--	–	--	–	--	–	--	--	–	--	–	--	–	--	--	--	--	--	--

– Well not monitored.
* Well inaccessible.

TABLE 2 AMOUNTS (liters) OF NAPL BAILED FROM WELLS AT THE NESTLE SITE, OAKLAND, CALIFORNIA, DECEMBER 1995 - FEBRUARY 1997

	Sampling Date																								
Well	12/6 - 4/16	04/24/96	04/29/96	05/07/96	05/14/96	06/20/96	07/16/96	07/23/96	07/26/96	07/31/96	08/16/96	08/30/96	09/06/96	09/18/96	10/04/96	10/11/96	10/18/96	10/22/96	11/22/96	12/06/96	12/17/96	12/21/96	01/03/97	01/14/97	02/10/97	Total
E0	38		0.5			1	0.25	0	0	0	0	0	0	0	0	0	0	0	2	2.5	10	0.35	3	0	0	57.6
E5	19.9					0.2																				20.1
MW7												0.25	0.25	0.25												0.8
MW8	0.7																									0.7
MW22														0.5												0.5
MW23	2.35	0.5	0.25	0.38	0.38	0.75						2		0.9												7.5
MW24	0		1.5			1						4.5		1.75												8.8
PR20	1.9		13			5.75	5	3	2.5	2	1.5	1	0.75	0.5	0.5	0.25										37.7
PR21	16.9	3.25	1	1	1	4	3					1.5		0.9												32.6
PR22	8.6	0.75	0.75	0.75	1	3.5			0.25	2	1	1	1	1.1												21.7
PR23	0.25											0.25														0.5
PR26	1.25	0.25										0.1														1.6
PR34	10.9	1.25	0.25	0.63	0.5	2							0.75	1	0.75	0.5	0.25	0.1	0.1	0.25	1.4	0.25	0	0	1	21.9
PR35	1.6	0.75	0.13		0.25	0.5						1		0.25												4.5
PR36	0.5	0.25	0.13																							0.9
PR37	1.8	0.25	0.13		0.13	0.5						0.5		0.25												3.6
PR47												0.5														0.5
PR48	3.4	1.25	1	1	0.75	3						2.5		0.9												13.8
PR53	0.65	0.5	0.5	0.25	0.25	0.75						1		0.5												4.4
PR58	10.4	1.25	1	1.2	1	2						1.25					0.5	0.4	0.2	0	0[a]	0	0.75	1	2	23.0
PR61	6	0.75	0.5	0.2	0.63	1.5						2		0.75				0.25	0	0	0	0	0.25	0	0.75	13.6
PR64	8.5	3.5	2.5	3	2	2.75	3	2	3	2	1	2	0.75	1.5	1	1.25	0.75									40.5
PR67												0.25		0.25												0.5
Total (liters)	134	15	23	8	8	29	11	5	6	6	4	22	4	11	2	2	2	1	2	3	11	1	4	1	4	317
Total (gal)	35	4	6	2	2	8	3	1	2	2	1	6	1	3	1	1	0	0	1	1	3	0	1	0	1	84

notes: a. skimmer in PR58 found broken 12/17/96, part attached to well cap was removed, remainder was left in well

TABLE 3 GAUGING DATA FOR MONITORING WELLS AT THE FORMER NESTLE FACILITY, OAKLAND, CALIFORNIA, FEBRUARY 1994 - JANUARY 1997

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-1	02/24/94	16.49	--	10.41	--	6.08
	03/18/94		--	8.51	--	7.98
	06/02/94		--	10.83	--	5.66
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
MW-2	02/24/94	15.11	--	9.21	--	5.90
	03/18/94		--	7.47	--	7.64
	06/02/94		--	9.65	--	5.46
	08/31/94		--	10.49	--	4.62
	12/22/94		--	8.74	--	6.37
	03/13/95		--	6.87	--	8.24
	06/09/95		--	8.47	--	6.64
	09/22/95		--	9.42	--	5.69
	12/12/95		--	10.23	--	4.88
	12/18/95		--	9.87	--	5.24
	03/12/96		--	6.70	--	8.41
	06/21/96		--	8.22	--	6.89
	08/29/96		--	9.59	--	5.52
	01/16/97		--	**7.07**	--	**8.04**
MW-3	02/24/94	14.30	--	8.47	--	5.83
	03/18/94		--	7.23	--	7.07
	06/02/94		--	8.93	--	5.37
	08/31/94		--	9.91	--	4.39
	12/22/94		--	8.14	--	6.16
	03/13/95		--	6.64	--	7.66
	06/09/95		--	7.82	--	6.48
	09/22/95		--	9.08	--	5.22
	12/06/95		--	9.97	--	4.33
	12/12/95		--	9.53	--	4.77
	12/18/95		--	9.21	--	5.09
	03/12/96		--	6.31	--	7.99
	06/21/96		--	7.78	--	6.52
	08/29/96		--	9.05	--	5.25
	01/16/97		--	**7.12**	--	**7.18**
MW-4	02/24/94	14.42	--	8.09	--	6.33
	03/18/94		--	7.00	--	7.42
	12/18/95		--	dry		--
	03/12/96		--	6.45	--	7.97
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--

TABLE 3 (continued)

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-5	02/24/94	14.41	--	8.08	--	6.33
	03/18/94		--	7.14	--	7.27
	06/02/94		--	9.09	--	5.32
	08/31/94		--	9.95	--	4.46
	12/22/94		--	8.22	--	6.19
	03/13/95		--	--	--	--
	06/09/95		--	--	--	--
	09/22/95		--	--	--	--
	12/12/95		--	9.60	--	4.81
	03/12/96		--	6.46	--	7.95
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-6	02/24/94	14.12	--	8.34	--	5.78
	03/18/94		--	7.04	--	7.08
	06/02/94		--	8.88	--	5.24
	08/31/94		--	9.65	--	4.47
	12/22/94		--	7.99	--	6.13
	03/13/95		--	6.32	--	7.80
	06/09/95		--	8.53	--	5.59
	09/22/95		--	8.63	--	5.49
	12/12/95		--	9.36	--	4.76
	12/18/95		--	9.16	--	4.96
	03/12/96		--	6.03	--	8.09
	06/21/96		--	7.67	--	6.45
	08/29/96		--	8.93	--	5.19
	01/16/97		**--**	**6.92**	**--**	**7.20**
MW-7	02/24/94	14.29	8.64	9.78	1.14	4.51
	03/18/94		6.56	9.38	2.82	4.91
	06/02/94		9.12	9.38	0.26	4.91
	08/31/94		9.87	9.88	0.01	4.41
	12/22/94		8.29	8.33	0.04	5.96
	03/13/95		--	6.72	--	7.57
	06/09/95		--	8.79	--	5.50
	09/22/95		9.30	9.51	0.21	4.78
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-8	02/24/94	14.20	8.55	8.99	0.44	5.21
	03/18/94		7.34	7.64	0.30	6.56
	06/02/94		8.93	9.24	0.31	4.96
	08/31/94		9.82	10.13	0.31	4.07
	12/22/94		8.21	8.47	0.26	5.73
	03/13/95		6.77	6.85	0.08	7.35
	06/09/95		8.81	8.90	0.09	5.30

TABLE 3 (continued)

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-8	07/27/95	14.20	8.32	8.55	0.23	5.65
	09/22/95		9.29	9.53	0.24	4.67
	12/06/95		9.94	10.18	0.24	4.02
	12/18/95		9.16	9.36	0.20	4.84
	12/18/95		--	9.62	--	4.58
	12/18/95		--	9.25	--	4.95
	12/19/95		9.21	9.30	0.09	4.90
	12/19/95		9.34	9.35	0.01	4.85
	12/19/95		9.25	9.28	0.03	4.92
	12/28/95		9.22	9.27	0.05	4.93
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-9	06/02/94	14.96	--	9.46	--	5.50
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-10	02/24/94	15.73	--	9.59	--	6.14
	03/18/94		--	--	--	--
	06/02/94		--	10.17	--	5.56
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-11	03/18/94	14.55	--	6.95	--	7.60
	06/02/94		--	8.99	--	5.56
	08/31/94		--	9.80	--	4.75
	12/22/94		--	8.15	--	6.40
	03/13/95		--	--	--	--
	06/09/95		--	--	--	--
	09/22/95		--	--	--	--
	12/18/95		--	9.29	--	5.26
	03/12/96		--	5.95	--	8.60
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-12	03/18/94	15.28	--	7.62	--	7.66
	12/18/95		--	10.03	--	5.25
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--

TABLE 3 (continued)

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-13	02/24/94	14.85	--	8.94	--	5.91
	03/18/94		--	8.62	--	6.23
	06/02/94		--	9.34	--	5.51
	08/31/94		--	10.15	--	4.70
	12/22/94		--	8.45	--	6.40
	03/13/95		--	--	--	--
	06/09/95		--	--	--	--
	09/22/95		--	--	--	--
	12/12/95		--	9.94	--	4.91
	12/18/95		--	9.60	--	5.25
	03/12/96		--	6.40	--	8.45
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-14	02/24/94	14.10	--	dry	--	--
	03/18/94		--	dry	--	--
	12/06/95		--	dry	--	--
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-15	12/06/95	14.17	--	dry	--	--
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-16	12/06/95	14.11	--	dry	--	--
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-22	02/24/94	14.44	8.59	10.13	1.54	4.31
	03/18/94		6.98	--	>3.0	--
	06/02/94		9.02	10.16	1.14	4.28
	08/31/94		9.97	10.16	0.19	4.28
	12/22/94		8.39	8.42	0.03	6.02
	03/13/95		--	5.92	--	8.52
	06/09/95		--	8.60	--	5.84
	07/27/95		--	8.49	--	5.95
	09/22/95		9.42	9.74	0.32	4.70
	12/06/95		10.08	10.38	0.30	4.06
	12/18/95		--	9.35	--	5.09
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--

TABLE 3 (continued)

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-23	02/24/94	14.48	8.87	8.94	0.07	5.54
	03/18/94		7.04	8.44	1.40	6.04
	06/02/94		8.21	10.00	1.79	4.48
	08/31/94		9.93	10.61	0.68	3.87
	12/22/94		8.32	8.73	0.41	5.75
	03/13/95		--	5.52	--	8.96
	06/09/95		8.24	8.55	0.31	5.93
	07/27/95		8.43	8.87	0.44	5.61
	09/22/95		9.35	10.06	0.71	4.42
	12/06/95		--	10.07	--	4.41
	12/18/95		9.40	9.70	0.30	4.78
	12/18/95		--	9.89	--	4.59
	12/18/95		9.46	9.49	0.03	4.99
	12/19/95		9.45	9.55	0.10	4.93
	12/19/95		--	9.88	--	4.60
	12/19/95		9.48	9.52	0.04	4.96
	12/28/95		9.40	9.52	0.12	4.96
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-24	02/24/94	14.67	8.95	--	12.10	--
	03/18/94		7.45	--	>3.0	--
	06/02/94		9.11	10.08	0.97	4.59
	08/31/94		10.19	10.58	0.39	4.09
	12/22/94		--	8.55	--	6.12
	03/13/95		--	6.68	--	7.99
	06/09/95		--	9.54	--	5.13
	09/22/95		9.35	10.76	1.41	3.91
	12/06/95		10.39	10.39	--	4.28
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		--	--	--	--
MW-25	02/24/94	12.86	--	7.36	--	5.50
	03/18/94		--	6.14	--	6.72
	06/02/94		--	7.93	--	4.93
	08/31/94		--	8.75	--	4.11
	12/22/94		--	7.01	--	5.85
	03/13/95		--	5.77	--	7.09
	06/09/95		--	6.75	--	6.11
	09/22/95		--	7.45	--	5.41
	12/12/95		--	8.18	--	4.68
	12/18/95		--	7.84	--	5.02
	03/12/96		--	5.38	--	7.48
	06/21/96		--	6.50	--	6.36

TABLE 3 (continued)

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-25	08/29/96	12.86	--	7.72	--	5.14
	01/16/97		**--**	**6.00**	**--**	**6.86**
MW-26	02/24/94	12.71	--	7.21	--	5.50
	03/18/94		--	5.83	--	6.88
	06/02/94		--	7.68	--	5.03
	08/31/94		--	8.47	--	4.24
	12/22/94		--	6.98	--	5.73
	03/13/95		--	5.25	--	7.46
	06/09/95		--	6.47	--	6.24
	09/22/95		--	7.23	--	5.48
	12/12/95		--	7.99	--	4.72
	12/18/95		--	7.69	--	5.02
	03/12/96		--	4.86	--	7.85
	06/21/96		--	6.30	--	6.41
	08/29/96		--	7.51	--	5.20
	01/16/97		**--**	**5.70**	**--**	**7.01**
MW-27	02/24/94	14.04	--	8.41	--	5.63
	03/18/94		--	7.23	--	6.81
	06/02/94		--	8.94	--	5.10
	12/22/94		--	--	--	--
	03/13/95		--	--	--	--
	06/09/95		--	--	--	--
	09/22/95		--	--	--	--
	12/12/95		--	9.30	--	4.74
	03/12/96					
	06/21/96		--	7.64	--	6.40
	08/29/96		--	8.82	--	5.22
	01/16/97		**--**	**7.06**	**--**	**6.98**
MW-28	02/24/94	13.45	--	7.98	--	5.47
	03/18/94		--	6.65	--	6.80
	06/02/94		--	8.28	--	5.17
	08/31/94		--	9.03	--	4.42
	12/22/94		--	6.73	--	6.72
	03/13/95		--	5.93	--	7.52
	06/09/95		--	7.20	--	6.25
	09/22/95		--	8.37	--	5.08
	12/12/95		--	9.00	--	4.45
	12/18/95		--	8.44	--	5.01
	03/12/96		--	5.62	--	7.83
	06/21/96		--	7.08	--	6.37
	08/29/96		--	9.30	--	4.15
	01/16/97		**--**	**6.50**	**--**	**6.95**

TABLE 3 (continued)

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-29	02/24/94	12.60	--	7.20	--	5.40
	03/18/94		--	5.82	--	6.78
	06/02/94		--	7.62	--	4.98
	08/31/94		--	8.44	--	4.16
	12/22/94		--	7.00	--	5.60
	03/13/95		--	5.55	--	7.05
	06/09/95		--	6.59	--	6.01
	09/22/95		--	7.58	--	5.02
	12/12/95		--	8.02	--	4.58
	12/18/95		--	7.76	--	4.84
	03/12/96		--	5.01	--	7.59
	06/21/96		--	6.33	--	6.27
	08/29/96		--	7.50	--	5.10
	01/16/97		**--**	**5.78**	**--**	**6.82**
MW-30	02/24/94	14.54	--	8.95	--	5.59
	03/18/94		--	7.79	--	6.75
	06/02/94		--	9.47	--	5.07
	08/31/94		--	10.27	--	4.27
	12/22/94		--	8.64	--	5.90
	03/13/95		--	7.23	--	7.31
	06/09/95		--	8.34	--	6.20
	09/22/95		--	9.41	--	5.13
	12/06/95		--	10.35	--	4.19
	12/12/95		--	9.90	--	4.64
	12/18/95		--	9.55	--	4.99
	03/12/96		--	6.93	--	7.61
	06/21/96		--	8.23	--	6.31
	08/29/96		--	9.53	--	5.01
	01/16/97		**--**	**7.72**	**--**	**6.82**
MW-31	06/02/94	14.92	--	9.42	--	5.50
	06/21/96		--	--	--	--
	08/29/96		--	--	--	--
	01/16/97		**--**	**--**	**--**	**--**
MW-32	02/24/94	14.76	--	8.95	--	5.81
	03/18/94		--	7.25	--	7.51
	06/02/94		--	9.28	--	5.48
	08/31/94		--	10.12	--	4.64
	12/22/94		--	8.40	--	6.36
	03/13/95		--	6.63	--	8.13
	06/09/95		--	7.94	--	6.82
	09/22/95		--	9.32	--	5.44
	12/12/95		--	9.84	--	4.92
	12/18/95		--	9.53	--	5.23
	03/12/96		--	6.23	--	8.53

TABLE 3 (continued)

Well No.	Gauging Date	TOC Elevation (ft)	TOC Depth to Product (ft)	TOC Depth to Water (ft)	Product Thickness (ft)	Water Table Elevation (ft msl)
MW-32	06/21/96	14.76	--	7.85	--	6.91
	08/29/96		--	9.22	--	5.54
	01/16/97		--	**7.14**	--	**7.62**

-- Product not present.

TABLE 4 CONCENTRATIONS (µg/L) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES, NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993 - 1997

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH GRO	TPH DRO	1,2-DCA	1,1-DCA	BDCM	1,1,1-TCA	TCE	MTBE	Analysis Method
MW-2	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	11/05/93	--	--	--	--	--	--	--	--	--	--	--	--	1,2
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	--	1,2
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	--	1,2
	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	--	4,2
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50[a]	--	--	--	--	--	--	4,2
	03/13/95	0.8	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	--	1,2
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2
	09/21/95	0.7	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	--	1,2
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--	4,2
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	--	1,2
	01/16/97	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<150**	**<0.5**	**0.7**	**<0.5**	**<0.5**	**<0.5**	**--**	**1,2,3**
MW-3	03/23/93	35	2.9	2	3.2	300	ND	--	--	--	--	--	--	1,2
	07/27/93	97	1	4	1.1	220	ND	--	--	--	--	--	--	1,2
	11/05/93	4.9	ND	ND	1.2	170	ND	--	--	--	--	--	--	1,2
	02/25/94	42	<1	<1	<1	100	<1,000	--	--	--	--	--	--	1,2
	06/03/94	120	8.2	8.4	4.5	320	<20,000	--	--	--	--	--	--	1,2
	08/31/94	83	1.1	5.3	2.9	<500	<500	--	--	--	--	--	--	4,2
	12/22/94	1,460	18	100	50	3,800	270	--	--	--	--	--	--	4,2
	03/13/95	3,600	260	270	280	14,000	1,700	--	--	--	--	--	--	1,2
	06/09/95	4,700	58	140	71	3,700	120	--	--	--	--	--	--	1,2
	09/21/95	9,800	58	600	95	14,000	300	--	--	--	--	--	--	1,2
	12/12/95	330	2.1	47	5.3	700	<50	--	--	--	--	--	--	4,2
	03/12/96	350	4.6	23	8.7	600	<50	--	--	--	--	--	--	1,2
	06/21/96	940	76	98	57	1,900	<50	--	--	--	--	--	--	1,2
	08/29/96	420	29	44	28	900	<150	--	--	--	--	--	--	1,2
	01/16/97	**1,600**	**270**	**120**	**194**	**3,600**	**700**	**9.2**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**1,2,3**

TABLE 4 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH GRO	TPH DRO	1,2-DCA	1,1-DCA	BDCM	1,1,1-TCA	TCE	MTBE	Analysis Method
MW-6	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	11/05/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	02/25/94	<1	<1	<1	3.5	<100	<1,000	--	--	--	--	--	--	1,2
	06/03/94	2.7	<0.5	<0.5	<0.5	69	<20,000	--	--	--	--	--	--	1,2
	08/31/94	<0.3	8.7	1.6	3.5	<500	<500	--	--	--	--	--	--	4,2
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50[a]	--	--	--	--	--	--	4,2
	03/13/95	1.2	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	--	1,2
	06/09/95	0.6	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	--	1,2
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--	4,2
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	--	1,2
	01/16/97	**5.5**	**16**	**2.9**	**16**	**140**	**220**	**6.3**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	**1,2,3**
MW-25	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	11/05/93	4.2	4.4	2.5	20	170	ND	--	--	--	--	--	--	1,2
	02/25/94	2.1	<1	<1	<1	<100	<1,000	--	--	--	--	--	--	1,2
	06/03/94	2.4	14	<0.5	3.4	97	<20,000	--	--	--	--	--	--	1,2
	08/31/94	0.5	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	--	4,2
	12/22/94	0.5	<0.5	<0.5	<0.5	<50	<50[a]	--	--	--	--	--	--	4,2
	03/13/95	0.58	<0.5	<0.5	<0.5	150	950	--	--	--	--	--	--	1,2
	06/09/95	0.8	<0.5	<0.5	<0.5	<100	60	--	--	--	--	--	--	1,2
	09/21/95	<0.5	<0.5	<0.5	<0.5	50	<50	--	--	--	--	--	--	1,2
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--	4,2
	03/12/96	<0.5	<0.5	<0.5	<0.5	120	<50	--	--	--	--	--	--	1,2
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/29/96	<0.5	<0.5	<0.5	<0.5	90	<150	--	--	--	--	--	--	1,2
	01/16/97	**0.6**	**<0.5**	**<0.5**	**<0.5**	**80**	**<150**	**41**	**25**	**<0.5**	**<0.5**	**<0.5**	--	**1,2,3**

TABLE 4 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH GRO	TPH DRO	1,2-DCA	1,1-DCA	BDCM	1,1,1-TCA	TCE	MTBE	Analysis Method
MW-26	03/23/93	180	190	55	330	7,000	1,300	ND	ND	ND	ND	ND	--	1,2,3
	07/27/93	470	96	30	80	1,800	ND	140	ND	ND	ND	ND	--	1,2,3
	11/05/93	4,700	1,300	9	1,400	19,000	ND	120	ND	ND	ND	ND	--	1,2,3
	02/25/94	4,800	570	200	860	14,000	<1,000	28	<1	<1	<1	<1	--	1,2,3
	06/03/94	4,100	300	120	230	12,000	<20,000	140	1.7	0.84	<0.5	<0.5	--	1,2,3
	08/31/94	4,100	360	170	450	93,000	1,400	<4.0	<4.0	<4.0	<4.0	<4.0	--	4,2,7
	12/22/94	1,030	170	85	290	5,000	560	<2.0	<2.0	<2.0	<2.0	<2.0	--	4,2,7
	03/13/95	320	19	23	66	3,000	810	5.8	53	<0.5	<0.5	<0.5	--	1,2,9
	06/09/95	14,000	64	31	230	10,800	310	3.1	240	<0.5	1	<0.5	--	1,2,3
	09/21/95	1,900	160	160	330	8,000	200	120	1.3	<0.5	<0.5	<0.5	--	1,2,3
	12/12/95	13,000	38	36	120	25,000	0.6[b]	180	1.4	<0.5	<0.5	<0.5	--	4,2,3
	03/12/96	9,000	33	30	65	4,400	<50	180	<0.5	<0.5	<0.5	<0.5	--	1,2,3
	06/21/96	14,000	27	16	66	5,400	<50	170	3.2	<0.5	<0.5	<0.5	--	1,2,3
	08/29/96	8,500	26	28	74	19,000	<150	160	<0.5	<0.5	<0.5	<0.5	--	1,2,3
	01/16/97	**6,500**	**21**	**31**	**47**	**4,600**	--	**>50**	**4.3**	**<0.5**	**<0.5**	**<0.5**	**26**	**1,2,3**
MW-27	06/21/96	<0.5	<0.5	<0.5	<0.5	<50	<50	6.8	<0.5	<0.5	<0.5	<0.5	--	1,2,3
	08/29/96	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/16/97	**12**	**5.0**	**<0.5**	**2.6**	**70**	**<150**	**5.7**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	**1,2,3**
MW-28	03/23/93	ND	ND	ND	ND	110	ND	--	--	--	--	--	--	1,2
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	11/05/93	ND	ND	ND	2.1	ND	ND	--	--	--	--	--	--	1,2
	02/25/94	<1	<1	<1	<1	<100	<1	--	--	--	--	--	--	1,2
	06/03/94	3.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	--	1,2
	08/31/94	1.4	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	--	4,2
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50[a]	--	--	--	--	--	--	4,2
	03/13/95	0.91	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	--	1,2
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	--	1,2
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--	4,2
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2

TABLE 4 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH GRO	TPH DRO	1,2-DCA	1,1-DCA	BDCM	1,1,1-TCA	TCE	MTBE	Analysis Method
MW-28	06/21/96	<0.5	<0.5	<0.5	<0.5	<100	<50	55	5	--	--	--	--	1,2
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	--	1,2
	01/16/97	**18**	**20**	**2.2**	**13**	**220**	**<150**	**85**	**5.1**	**<0.5**	**<0.5**	**<0.5**	**8.2**	**1,2,3**
MW-29	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	11/05/93	ND	ND	2.1	11	ND	ND	--	--	--	--	--	--	1,2
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	--	1,2
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	--	1,2
	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	--	4,2
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50[a]	--	--	--	--	--	--	4,2
	03/13/95	0.59	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	--	1,2
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	--	1,2
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--	4,2
	03/12/96	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--	1,2
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	--	1,2
	01/16/97	**6.6**	**8.9**	**0.6**	**9.3**	**120**	**<150**	**24**	**47**	**<0.5**	**<0.5**	**<0.5**	**1.8**	**1,2,3**
MW-30	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	1,2
	11/05/93	ND	ND	ND	2.8	ND	ND	--	--	--	--	--	--	1,2
	02/25/94	1.3	<1	<1	<1	<100	<1,000	--	--	--	--	--	--	1,2
	06/03/94	1.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	--	1,2
	08/31/94	0.8	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	--	4,2
	12/22/94	0.6	<0.5	<0.5	<0.5	<50	<50[a]	--	--	--	--	--	--	4,2
	03/13/95	0.98	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	--	1,2
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	--	1,2
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	--	4,2
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	--	1,2

TABLE 4 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH GRO	TPH DRO	1,2-DCA	1,1-DCA	BDCM	1,1,1-TCA	TCE	MTBE	Analysis Method
MW-30	06/21/96	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	--	1,2
	01/16/97	**<0.5**	**<0.5**	**<0.5**	**0.6**	**80**	**<150**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.9**	--	**1,2,3**
MW-32	03/23/93	391	6.2	3.1	9	440	ND	60	ND	ND	ND	ND	--	1,2,3
	07/27/93	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	--	1,2,3
	11/05/93	20	ND	1.8	2.1	170	ND	7.9	ND	ND	ND	ND	--	1,2,3
	02/25/94	5.6	<1	<1	<1	<100	<1,000	<1	<1	<1	<1	<1	--	1,2,3
	06/03/94	120	1.3	<0.5	1.4	350	<20,000	11	<0.5	<0.5	<0.5	<0.5	--	1,2,3
	08/31/94	39	0.5	2.2	1.2	<500	<500	10	<4.0	<4.0	<4.0	<4.0	--	4,2,7
	12/22/94	4.8	<0.5	<0.5	<0.5	<50	<50[a]	4.6	<2.0	<2.0	<2.0	<2.0	--	4,2,7
	03/13/95	220	3.6	6.5	5.8	1,100	<400	16	<0.5	<0.5	<0.5	<0.5	--	1,2,9
	06/09/95	1,500	7.9	43	14	2,200	180	<0.5	0.7	<0.5	0.5	<0.5	--	1,2,3
	09/21/95	1,200	2.4	72	4.5	2,300	60	6.7	<0.5	<0.5	<0.5	1.4	--	1,2,3
	12/12/95	230	<0.5	8.9	<1.0	500	<50	28	<0.5	<0.5	<0.5	<0.5	--	4,2,3
	03/12/96	40	<0.5	1.7	<0.5	110	<50	6.8	<0.5	<0.5	<0.5	<0.5	--	1,2,3
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/29/96	150	<0.5	49	<0.5	700	<150	27	<0.5	<0.5	<0.5	<0.5	--	1,2,3
	01/16/97	**14**	**<0.5**	**1.9**	**<0.5**	**150**	**<150**	**10**	**<0.5**	**<0.5**	**<0.5**	**0.7**	--	**1,2,3**
MW23	**01/16/97**	--	--	--	--	--	--	**<0.5**	**0.9**	**<0.5**	**<0.5**	**<0.5**	--	**3**
PR46	**01/16/97**	--	--	--	--	--	--	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**7**
PR53	**01/16/97**	**20,000** 14%	**18,000**	**1,600**	**10,500**	**140,000**	--	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**350**	**1,2,3**
PR54	**01/16/97**	**18,000** 10%	**20,000**	**2,000**	**14,500**	**180,000**	**6,800**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	--	**7**
V15	**01/16/97**	--	--	--	--	--	--	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	**3**
V85	**01/16/97**	--	--	--	--	--	--	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	--	**7**
E7	**01/16/97**	--	--	--	--	--	--	**>120**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	--	**7**

FP sheen?

TABLE 4 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH GRO	TPH DRO	1,2-DCA	1,1-DCA	BDCM	1,1,1-TCA	TCE	MTBE	Analysis Method
Rinse Blank	**01/16/97**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<150**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**1,2,3**
Trip Blank	***01/16/97***	***<0.5***	***<0.5***	***<0.5***	***<0.5***	***<50***	**--**	**--**	**--**	**--**	**--**	**--**	***<0.5***	**1,2**

Notes: a. Non-diesel peak reported.
b. No diesel pattern detected; result due to high gasoline concentration.

Analytical Methods:

1. 8020.
2. 8015M (CA LUFT).
3. 8010.
4. 602.
5. 8270.
6. 8080.
7. 8260.
8. 8240.
9. 601.

ND Not detected.
-- Not analyzed or not sampled.

TPH Total Petroleum Hydrocarbons.
GRO Gasoline-range organics.
DRO Diesel-range organics.
1,2-DCA 1,2-Dichloroethane.
1,1-DCA 1,1-Dichloroethane.
BDCM Bromodichloromethane.
1,1,1-TCA 1,1,1-Trichloroethane.
TCE Trichloroethene.
MTBE Methyl t-butyl ether.

TABLE 5

CONCENTRATIONS (µg/L) OF CHLORINATED ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES, NESTLE FACILITY, OAKLAND, CALIFORNIA, JANUARY 1997

Well No.	Date Sampled	Concentration (µg/L)									
		Chloro-ethane	Chloro-ethene	1,1-Dichloro-ethene	Methylene Chloride	Cis-1,2-Dichloro-ethene	1,1-Dichloro-ethane	Chloroform	1,2-Dichloro-ethane	Trichloro-ethene	1,1,2-Trichloro-ethane
MW2	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5
MW3	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	9.2	<0.5	<0.5
MW6	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.3	<0.5	<0.5
MW23	01/16/97	8.0	<0.5	<0.5	2.6	<0.5	0.9	<0.5	<0.5	<0.5	<0.5
MW25	01/16/97	<0.5	<0.5	0.9	<0.5	<0.5	25	<0.5	41	<0.5	<0.5
MW26	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	4.3	<0.5	>50	<0.5	<0.5
MW27	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5.7	<0.5	<0.5
MW28	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	5.1	<0.5	85	<0.5	<0.5
MW29	01/16/97	<0.5	<0.5	4.9	<0.5	<0.5	47	<0.5	24	<0.5	<0.5
MW30	01/16/97	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5	<0.5	0.9	<0.5
MW32	01/16/97	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	<0.5	10	0.7	<0.5
PR46	01/16/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
PR53	01/16/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	25	<5.0	<5.0	8.4
PR54	01/16/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
V15	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
V85	01/16/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 5 (continued)

Well No.	Date Sampled	Concentration (µg/L)									
		Chloro-ethane	Chloro-ethene	1,1-Dichloro-ethene	Methylene Chloride	Cis-1,2-Dichloro-ethene	1,1-Dichloro-ethane	Chloroform	1,2-Dichloro-ethane	Trichloro-ethene	1,1,2-Trichloro-ethane
E7	01/16/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	>120	<5.0	<5.0
Trip Blank	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Rinse Blank	01/16/97	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Appendix A

Field Documents

EA Engineering, Science, and Technology

FIELD SUMMARY REPORT

Client: Nestle **Station No:** _____

EA Project No: 60966.01 **Task No:** 0006

Field Team: Ralph Buniello

Date: 1/17/97

No. of Drums on Site: _____ **Water** _____ **Soil** _____ **Empty** _____ **LPH**

Summary:

Opened and gauged wells to be sample, starting with the wells in the street. Purged and sample the street wells before moving in the compound.

Wells V-64, V-66, and 232 each had 1foot or less of water, and wells PRH6, V-85, and PR53 were purged and sampled instead.

3 casing volumes were purged from each well prior to sampling with a disposable bailer. Purge water was put into drums on site, and the samples were sent Fed-Ex to the Nestle lab.

EA

MONITORING WELL DATA FORM

Client: Nestle

Date: 1/15/97

Project Number: 609666 01.0006

Station Number:

Site Location: Oakland, CA

Samplers: Ralph Boniello

	MONITORING WELL NUMBER	ELEVATION TOP OF CASING	DEPTH TO WATER	DEPTH TO PRODUCT	ELEVATION TOP OF GROUNDWATER	APPARENT PRODUCT THICKNESS	STICK UP (+) DOWN (-)	DEPTH TO BOTTOM
	MW2		7.07					23.06
	MW3		7.12					24.56
	MW-6		6.92					15.67
	MW 25		6.00					19.28
	MW26		5.70					25.05
	MW27		7.06					24.07
	MW28		6.50					25.28
	MW29		5.78					23.32
	MW30		7.72					20.95
	MW32		7.14					23.14
	MW23		7.20					18.42
	V15		3.29					5.32
X	V64		4.67					5.48
X	V66		dry					5.25
	E7		~~7.37~~ 7.63					24.76 ~~24.54~~
	PR54		7.37					14.12
X	well 232		3.85					5.09
	PR46		7.48					14.77
	V85		5.74					10.25
	PR53		7.00					14.22

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW2 Date 1/15/97

Project No: 0096601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	(4)	6			
	23.06		7.07		15.99		0.16	0.64	1.44	10.23		30.70

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 5.2 gpm

Time	12:47	12:49	12:51	12:53			
Volume Purges (gal)	0	10	20	31			
Temperature (°C)	16.3	18.4	18.7	19.0			
pH	7.99	7.99	8.06	8.06			
Specific Conductivity (umhos)	782	868	890	893			
Turbidity/Color	medium lt. brown	low lt. brown	low lt. brown	low lt. brown			
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 12:56 Approx. Depth to Water During Sampling: 15

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW2	6	Voa	HCl	40 mL	low	lt brown	yes	TPH-g BTEX HVOC	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 31 Disposal/Containment Method: drums

Weather Conditions: cloudy

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

PMS.PROJ.TEMP.FORMS.PURGE1096

dup at 12:40

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW3 Date 1/15/97

Project No: 609660 1.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	− Depth to Water (feet)	= Water Column (feet)	X Multiplier for Casing Diameter			= Casing Volume (gal)	Total Req'd Purge Volume (gal)
				2	(4)	6		
	24.56	7.12	17.44	0.16	0.64	1.44	11.16	33.48

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 5.6 gpm

Time	09:50	09:52	09:54	09:56			
Volume Purges (gal)	0	11	22	33.5			
Temperature (°C)	14.9	17.1	*17.3	18.0			
pH	7.35	7.54	7.55	7.61			
Specific Conductivity (umhos)	805	880	879	929			
Turbidity / Color	low lt. brown	low clear	low clear	low clear			
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 10:00 Approx. Depth to Water During Sampling: 14

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW3	6	voa	HCl	40 mL	low	clear	Yes	GRO BTEX HVOC	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 33.5 Disposal/Containment Method: drums

Weather Conditions: sunny

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW6 Date 1/15/97

Project No: 60960601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							(2)	4	6			
	15.67		6.92		8.75		0.16	0.64	1.44	1.40		4.20

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 1.5 gpm

Time	11:50	11:51	11:52	11:53			
Volume Purges (gal)	0	1.5	3	4.5			
Temperature (°C)	11.7	12.0	13.0	13.7			
pH	8.26	8.29	8.27	8.28			
Specific Conductivity (umhos)	552	491	493	499			
Turbidity/Color	medium lt. brown	medium lt. brown	medium lt. brown	medium lt. brown			
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 11:56 Approx. Depth to Water During Sampling: 8

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW6	6	voa	HCl	40mL	medium	lt. brown	yes	GRO BTEX MTBE	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 4.5 Disposal/Containment Method: drums

Weather Conditions: cloudy, cool

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: V15 Date 1/15/97

Project No: 0096601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			=	Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	(4)	6				
	5.32		3.29		2.03		0.16	0.64	1.44		1.30		3.90

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 1.3 gpm

Time	10:32	10:33	10:34	10:35			
Volume Purges (gal)	0	1	3	4			
Temperature (°C)	12.9	12.8	13.0	13.1			
pH	8.09	8.25	8.24	8.21			
Specific Conductivity (umhos)	352	153	140	140			
Turbidity/Color	low / brown	low / lt. brown	low / lt. brown	low / lt. brown	/	/	/
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 10:38 Approx. Depth to Water During Sampling: 4

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
V15	2	voa	HCl	40 ml	low	lt. brown	yes	1HVOC	

Total Purge Volume: 4 Disposal/Containment Method: drums

Weather Conditions: sunny

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: E7 Date 1/15/97

Project No: 609660 1.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	4	(6)			
	24.76		7.63		17.13		0.16	0.64	1.44	24.67		74.00

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 9.25 gpm

Time	11:30	11:33	11:35	11:38			
Volume Purges (gal)	0	25	50	74			
Temperature (°C)	13.5	15.5	15.6	15.3			
pH	7.70	8.08	8.04	8.08			
Specific Conductivity (umhos)	1151	1004	958	864			
Turbidity/Color	medium brown	medium brown	low brown	low brown			
Odor	strong HC	strong HC	strong HC	strong HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 11:42 Approx. Depth to Water During Sampling: 21

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
E7	2	voa	HCl	40mL	low	brown	yes	HVOC	

Total Purge Volume: 74 Disposal/Containment Method: drums

Weather Conditions: cloudy

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: PR54 Date 1/15/97

Project No: 609660I.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	− Depth to Water (feet)	= Water Column (feet)	X Multiplier for Casing Diameter (2 / 4 / 6)	Casing Volume (gal)	= Total Req'd Purge Volume (gal)
	14.12	7.37	6.75	0.16 / 0.64 / 1.44	1.08	3.24

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 1.3 gpm

Time	11:08	11:09	11:10	11:11			
Volume Purges (gal)	0	1	2	4			
Temperature (°C)	11.3	11.3	10.4	10.7			
pH	7.63	7.63	7.71	7.74			
Specific Conductivity (umhos)	2442	2637	2628	2641			
Turbidity/Color	high / black	high / brown	high / brown	high / brown			
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 11:15 Approx. Depth to Water During Sampling: 10

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
PR54	6	Voa	HCl	40mL	high	brown	yes	8020 BTEX HVOC	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 4 Disposal/Containment Method: drums

Weather Conditions: ~~SD~~ partly cloudy

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

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GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: PR46 Date 1/15/97

Project No: 609(6601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	− Depth to Water (feet)	= Water Column (feet)	X Multiplier for Casing Diameter (2 / 4 / 6)	Casing Volume (gal)	= Total Req'd Purge Volume (gal)
	14.77	7.48	7.29	(2) 0.16 / 4 0.64 / 6 1.44	1.17	3.50

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 1.3 gpm

Time	10:21	10:22	10:23	10:24			
Volume Purges (gal)	0	1	2	4			
Temperature (°C)	12.8	11.8	12.2	12.3			
pH	7.97	7.89	7.83	7.77			
Specific Conductivity (umhos)	1146	1248	1282	1286			
Turbidity/Color	high brown	high brown	high brown	high brown			
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 10:27 Approx. Depth to Water During Sampling: 10

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
PR46	2	VOA	HCl	40ml	high	brown	yes	HVOC	

Total Purge Volume: 4 Disposal/Containment Method: drums

Weather Conditions: Sunny

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: V-85 Date 1/15/97

Project No: 0096601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	(4)	6			
	10.25		5.74		4.51		0.16	0.64	1.44	2.89		8.66

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 3 gpm

Time	10:58	10:59	11:00	11:01			
Volume Purges (gal)	0	3	6	9			
Temperature (°C)	13.0	14.9	15.1	15.3			
pH	7.30	7.55	7.76	7.80			
Specific Conductivity (umhos)	751	409	392	391			
Turbidity/Color	medium lt. brown	low lt. brown	low lt. brown	low lt. brown			
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 11:04 Approx. Depth to Water During Sampling: 8

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
V-85	2	VOA	HCl	40ml	low	lt. brown	yes	HVOC	

Total Purge Volume: 9 Disposal/Containment Method: drums

Weather Conditions: sunny

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: PR53 Date 1/15/97

Project No: 0096601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	− Depth to Water (feet)	= Water Column (feet)	X Multiplier for Casing Diameter			= Casing Volume (gal)	Total Req'd Purge Volume (gal)
				(2)	4	6		
	14.22	7.00	7.22	0.16	0.64	1.44	1.16	3.47

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 1.3 gpm

Time	10:45	10:46	10:47	10:48			
Volume Purges (gal)	0	1	2	4			
Temperature (°C)	10.5	11.1	12.8	12.5			
pH	7.71	7.59	7.52	7.49			
Specific Conductivity (umhos)	785	1879	2063	2014			
Turbidity/Color	high brown	high brown	high brown	high brown			
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: product sheen in well
well is very silty

SAMPLING DATA

Time Sampled: 10:51 Approx. Depth to Water During Sampling: 11

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
PR53	6	Vod	HCl	40ml	high	brown	Yes	8020 BTEX HVOC MTBE	

Total Purge Volume: 4 Disposal/Containment Method: drums
Weather Conditions: sunny
Condition of Well Box and Casing at Time of Sampling: OK
Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.): N
Problems Encountered During Purging and Sampling: N
Comments:

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW25 Date 1/15/97

Project No: 609(6601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	(4)	6			
	19.28		6.00		13.28		0.16	0.64	1.44	8.50		25.50

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 4.25 gpm

Time	07:58	08:00	08:02	08:04			
Volume Purges (gal)	0	8.5	17	25.5			
Temperature (°C)	14.6	15.1	15.1	15.0			
pH	7.59	7.65	7.72	7.77			
Specific Conductivity (umhos)	10:15	1110	1105	1104			
Turbidity/Color	low clear	low clear	low lt. brown	low lt. brown			
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 08:07 Approx. Depth to Water During Sampling: 17

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW25	6	VOA	HCl	40mL	slow	lt. brown	yes	TPH-g BTEX MTBE	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 26 Disposal/Containment Method: drums

Weather Conditions: Cool

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling:

Comments:

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW26 Date 1/15/97

Project No: 609660I.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			=	Casing Volume (gal)	Total Req'd Purge Volume (gal)
							2	(4)	6			
	25.05		5.70		19.35		0.16	0.64	1.44		12.38	37.15

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 6.2 gpm

Time	08:10	08:12	08:14	08:16			
Volume Purges (gal)	0	12	25	37			
Temperature (°C)	13.6	15.9	16.6	17.0			
pH	8.02	8.02	7.96				
Specific Conductivity (umhos)	834	795	824	833			
Turbidity/Color	low / clear	low / clear	low / lt. brown	low / clear	/	/	/
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 08:20 Approx. Depth to Water During Sampling: 15

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW26	6	voa	HCl	40 mL	low	clear	yes	6RU BTEX HVOC	MTBE
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 37 Disposal/Containment Method: drums

Weather Conditions: cool

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW27 Date 1/15/97

Project No: 609660 1.0006 Personnel: Ralph Boniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			=	Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	(4)	6				
	24.07		7.06		17.01		0.16	0.64	1.44		10.89		32.66

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 5.5 gpm

Time	08:24	08:26	08:29	08:30			
Volume Purges (gal)	0	11	22	33			
Temperature (°C)	15.6	16.5	17.3	17.5			
pH	8.02	8.02	8.01	8.02			
Specific Conductivity (umhos)	664	680	704	684			
Turbidity/Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 08:34 Approx. Depth to Water During Sampling: 14

Comments:

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW27	6	voa	HCl	40mL	low	clear	yes	GRO BTEX HVOC	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 33 Disposal/Containment Method: drums

Weather Conditions: cool

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments:

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW28 Date 1/15/97

Project No: 609660 1.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	(4)	6			
	25.28		6.50		18.78		0.16	0.64	1.44	12.02		36.06

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 6 gpm

Time	07:20	07:22	07:24	07:26			
Volume Purges (gal)	0	12	24	36			
Temperature (°C)	14.8	16.2	17.0	17.8			
pH	6.57	6.68	6.99	7.01			
Specific Conductivity (umhos)	674	702	712	711			
Turbidity/Color	high lt. brown	medium lt. brown	medium lt. brown	low lt. brown			
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 07:30 Approx. Depth to Water During Sampling: 17

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW28	6	voa	HCl	40ml	low	lt. brown	yes	GRO BTEX HVOC	MTBE
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 36 Disposal/Containment Method: drums

Weather Conditions: cool

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW 29 Date 1/15/97

Project No: 60960601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			=	Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							2	(4)	6				
	23.32		5.78		17.54		0.16	0.64	1.44		11.23		33.68

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 5.7 gpm

Time	07:45	07:47	07:49	07:51			
Volume Purges (gal)	0	11	22	34			
Temperature (°C)	13.8	16.6	17.5	18.1			
pH	7.97	7.99	7.93	7.91			
Specific Conductivity (umhos)	420	421	497	525			
Turbidity / Color	medium lt. brown	medium lt. brown	medium lt. brown	medium lt. brown			
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 07:54 Approx. Depth to Water During Sampling: 18

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW29	6	VOA	HCl	40mL	medium	lt brown	yes		
↓	2	amber	H_2SO_4	1L	↓	↓	↓		

Total Purge Volume: 34 Disposal/Containment Method: drums

Weather Conditions: cool

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW30 Date 1/15/97

Project No: 609660 1.0006 Personnel: Ralph Boniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	− Depth to Water (feet)	= Water Column (feet)	X Multiplier for Casing Diameter			= Casing Volume (gal)	Total Req'd Purge Volume (gal)
				2	(4)	6		
	20.95	7.72	13.23	0.16	0.64	1.44	8.47	25.40

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 4.25 gpm

Time	10:05	10:07	10:09	10:11			
Volume Purges (gal)	0	8.5	17	25.5			
Temperature (°C)	13.6	14.5	15.1	15.2			
pH	8.17	8.23	8.22	8.21			
Specific Conductivity (umhos)	473	423	455	480			
Turbidity/Color	low brown	low lt. brown	low lt. brown	low lt. brown			
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	~~N~~ N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 10:14 Approx. Depth to Water During Sampling: 16

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW30	6	voa	HCl	40ml	low	lt brown	yes	GRO BTEX HVOC	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: 25.5 Disposal/Containment Method: drums

Weather Conditions: Sunny

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW32 Date 1/15/97

Project No: 609660 1.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	− Depth to Water (feet)	= Water Column (feet)	X Multiplier for Casing Diameter			= Casing Volume (gal)	Total Req'd Purge Volume (gal)
				2	(4)	6		
	23.14	7.14	16.00	0.16	0.64	1.44	10.24	30.72

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 5.2 gpm

Time	12:27	12:29	12:31	12:33			
Volume Purges (gal)	0	10	21	31			
Temperature (°C)	16.6	18.6	19.2	19.4			
pH	7.95	8.06	8.06	8.08			
Specific Conductivity (umhos)	821	643	639	618			
Turbidity/Color	medium brown	low clear	low lt. brown	low lt. brown			
Odor	N	N	N	N			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 12:30 Approx. Depth to Water During Sampling: 20

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW32	6	voa	HCl	40mL	low	lt. brown	yes	GRO BTEX HVOC	
↓	2	amber	H_2SO_4	1L	↓	↓	↓	DRO	

Total Purge Volume: ~ 31 Disposal/Containment Method: drums

Weather Conditions: cloudy

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: Nestle - Oakland Well No: MW23 Date 1/15/97

Project No: 60960601.0006 Personnel: Ralph Baniello

GAUGING DATA

Water Level Measuring Method: Interface Probe Measuring Point Description: TOC

WELL VOLUME CALCULATION	Total Depth (feet)	−	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter			Casing Volume (gal)	=	Total Req'd Purge Volume (gal)
							(2)	4	6			
	18.42		7.20		11.22		0.16	0.64	1.44	1.80		5.39

PURGING DATA

Purge Method: Vacuum Truck Purge Depth: screen Purge Rate: 2 gpm

Time	12:16	12:17	12:18	12:19			
Volume Purges (gal)	0	2	4	6			
Temperature (°C)	14.6	13.3	13.0	13.4			
pH	7.08	7.36	7.46	7.52			
Specific Conductivity (umhos)	1608	1717	1692	1690			
Turbidity/Color	high brown	high brown	high brown	high black			
Odor	HC	HC	HC	HC			
Casing Volumes Removed	0	1	2	3			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 12:22 Approx. Depth to Water During Sampling: 10

Comments: _____

Sample Number	Number of Containers	Container Type	Preservative	Volume Filled (mL or L)	Turbidity	Color	Shipped Under Chain of Custody at 4°C (Y/N)	Analysis Method	Comments
MW23	2	VOA	HCl	40mL	high	brown	yes	HVOC	

Total Purge Volume: 6 Disposal/Containment Method: drums

Weather Conditions: cloudy

Condition of Well Box and Casing at Time of Sampling: OK

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) N

Problems Encountered During Purging and Sampling: N

Comments: _____

Appendix B

Laboratory Analytical Report

NESTLÉ USA, INC.

Nestlé

QUALITY ASSURANCE LABORATORY
P.O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516
TEL (614) 791-9144
FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2778
Lab#: 97FEB0009-01
LV#: 97JAN682-000

Sample Description: Well Water - Oakland, CA
Sample ID: MW2
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	1/23/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	1/25/97
Benzene	ND	µg/L	0.50	EPA 8020	1/23/97
Toluene	ND	µg/L	0.50	EPA 8020	1/23/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/23/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/23/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/23/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/23/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	0.7	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97

NESTLÉ USA, INC.

QUALITY ASSURANCE LABORATORY
P.O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516
TEL (614) 791-9144
FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2778
Lab#: 97FEB0009-01
LV#: 97JAN682-000

Sample Description: Well Water - Oakland, CA
Sample ID: MW2
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97

ND: Not Detected

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report.
Sample condition upon receipt good.
This report shall not be reproduced except in full, and with written approval of NQAL.

John R. Heuser
Chemist

NESTLÉ USA, INC.

QUALITY ASSURANCE LABORATORY
P.O BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516
TEL (614) 791-9144
FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2782
Lab#: 97FEB0009-02
LV#: 97JAN682-001

Sample Description: Well Water - Oakland, CA
Sample ID: MW3
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	3.60	mg/L	0.05	CA-Luft	1/23/97
Diesel Range Organics	0.70	mg/L	0.15	CA-Luft	1/25/97
Benzene	1600	µg/L	0.50	EPA 8020	1/25/97
Toluene	270	µg/L	0.50	EPA 8020	1/25/97
Ethylbenzene	120	µg/L	0.50	EPA 8020	1/25/97
m&p Xylenes	120	µg/L	0.50	EPA 8020	1/25/97
o-Xylene	74.0	µg/L	0.50	EPA 8020	1/25/97
Total Xylene	194	µg/L	0.50	EPA 8020	1/25/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	9.2	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2782
Lab#: 97FEB0009-02
LV#: 97JAN682-001

Sample Description: Well Water - Oakland, CA
Sample ID: MW3
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Description: Well Water - Oakland, CA
Sample ID: MW6
Sampled by EA Engineering
PO/Ref/Disp#:

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2783
Lab#: 97FEB0009-03
LV#: 97JAN682-002

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.14	mg/L	0.05	CA-Luft	1/23/97
Diesel Range Organics	0.22	mg/L	0.15	CA-Luft	1/25/97
Benzene	5.50	µg/L	0.50	EPA 8020	1/23/97
Toluene	16.0	µg/L	0.50	EPA 8020	1/23/97
Ethylbenzene	2.90	µg/L	0.50	EPA 8020	1/23/97
m&p Xylenes	12.0	µg/L	0.50	EPA 8020	1/23/97
o-Xylene	4.50	µg/L	0.50	EPA 8020	1/23/97
Total Xylene	16.0	µg/L	0.50	EPA 8020	1/23/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	6.3	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97

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Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2783
Lab#: 97FEB0009-03
LV#: 97JAN682-002

Sample Description: Well Water - Oakland, CA
Sample ID: MW6
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97

ND: Not Detected

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Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Description: Well Water - Oakland, CA
Sample ID: MW25
Sampled by EA Engineering
PO/Ref/Disp#:

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2784
Lab#: 97FEB0009-04
LV#: 97JAN682-003

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.08	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	0.60	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	0.9	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	25	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	41	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97

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Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2784
Lab#: 97FEB0009-04
LV#: 97JAN682-003

Sample Description: Well Water - Oakland, CA
Sample ID: MW25
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97

ND: Not Detected

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Chemist

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Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2785
Lab#: 97FEB0009-05
LV#: 97JAN682-004

Sample Description: Well Water - Oakland, CA
Sample ID: MW26
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	4.60	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	SAMPLE EXTRACT BROKEN AT LAB - PHONE CALL 3/7/97 JOE MUEHLECK(EA) TO FRANK MACHESICK (NESTLE) QA LAB	mg/L	0.15	CA-Luft	2/5/97
Benzene	6500	µg/L	0.50	EPA 8020	1/24/97
Toluene	21.0	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	31.0	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	39.0	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	7.80	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	47.0	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	4.3	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	> 50	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2785
Lab#: 97FEB0009-05
LV#: 97JAN682-004

Sample Description: Well Water - Oakland, CA
Sample ID: MW26
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Methyl t-butyl ether	26.0	µg/L	0.5	EPA 8020	1/24/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2786
Lab#: 97FEB0009-06
LV#: 97JAN682-005

Sample Description: Well Water - Oakland, CA
Sample ID: MW27
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.07	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	12.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	5.00	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	1.80	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	0.80	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	2.60	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	5.7	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2786
Lab#: 97FEB0009-06
LV#: 97JAN682-005

Sample Description: Well Water - Oakland, CA
Sample ID: MW27
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

ND: Not Detected

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Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Description: Well Water - Oakland, CA
Sample ID: MW28
Sampled by EA Engineering
PO/Ref/Disp#:

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2787
Lab#: 97FEB0009-07
LV#: 97JAN682-006

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.22	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	18.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	20.0	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	2.20	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	10.0	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	2.60	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	13.0	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	5.1	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	85	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

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FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2787
Lab#: 97FEB0009-07
LV#: 97JAN682-006

Sample Description: Well Water - Oakland, CA
Sample ID: MW28
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Methyl t-butyl ether	8.20	µg/L	0.5	EPA 8020	1/24/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2788
Lab#: 97FEB0009-08
LV#: 97JAN682-007

Sample Description: Well Water - Oakland, CA
Sample ID: MW29
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.12	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	6.60	µg/L	0.50	EPA 8020	1/24/97
Toluene	8.90	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	0.60	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	6.50	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	2.80	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	9.30	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	4.9	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	47	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	24	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2788
Lab#: 97FEB0009-08
LV#: 97JAN682-007

Sample Description: Well Water - Oakland, CA
Sample ID: MW29
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Methyl t-butyl ether	1.80	µg/L	0.5	EPA 8020	1/24/97

ND: Not Detected

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John R. Heuser
Chemist

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Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2789
Lab#: 97FEB0009-09
LV#: 97JAN682-008

Sample Description: Well Water - Oakland, CA
Sample ID: MW30
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.08	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	ND	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	0.60	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	0.60	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	0.5	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	0.9	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2789
Lab#: 97FEB0009-09
LV#: 97JAN682-008

Sample Description: Well Water - Oakland, CA
Sample ID: MW30
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2790
Lab#: 97FEB0009-10
LV#: 97JAN682-009

Sample Description: Well Water - Oakland, CA
Sample ID: MW32
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.15	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND ~~HP~~	mg/L	0.15	CA-Luft	2/5/97
Benzene	14.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	1.90	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	0.8	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	10	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	0.7	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

PHONE CONVERSATION 3/7/97 JOE MUEHLECK(EA) AND FRANK MACHESKY (NESTLE QA LAB)

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2790
Lab#: 97FEB0009-10
LV#: 97JAN682-009

Sample Description: Well Water - Oakland, CA
Sample ID: MW32
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2791
Lab#: 97FEB0009-11
LV#: 97JAN682-010

Sample Description: Well Water - Oakland, CA
Sample ID: MW32/dup
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	0.10	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	13.0	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	1.80	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	9.8	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2791
Lab#: 97FEB0009-11
LV#: 97JAN682-010

Sample Description: Well Water - Oakland, CA
Sample ID: MW32/dup
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2793
Lab#: 97FEB0009-12
LV#: 97JAN682-011

Sample Description: Well Water - Oakland, CA
Sample ID: MW23
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	8.0	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	2.6	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	0.9	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2793
Lab#: 97FEB0009-12
LV#: 97JAN682-011

Sample Description: Well Water - Oakland, CA
Sample ID: MW23
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

ND: Not Detected

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Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2794
Lab#: 97FEB0009-13
LV#: 97JAN682-012

Sample Description: Well Water - Oakland, CA
Sample ID: V15
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/29/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/29/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/29/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/29/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/29/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Description: Well Water - Oakland, CA
Sample ID: V15
Sampled by EA Engineering
PO/Ref/Disp#:

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2794
Lab#: 97FEB0009-13
LV#: 97JAN682-012

cc: Doug Oram - EA Engineering

Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/29/97

ND: Not Detected

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Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2795
Lab#: 97FEB0009-14
LV#: 97JAN682-013

Sample Description: Well Water - Oakland, CA
Sample ID: PR53
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	140	mg/L	0.05	CA-Luft	1/29/97
Benzene	20000	µg/L	0.50	EPA 8020	1/29/97
Toluene	18000	µg/L	0.50	EPA 8020	1/29/97
Ethylbenzene	1600	µg/L	0.50	EPA 8020	1/29/97
m&p Xylenes	7200	µg/L	0.50	EPA 8020	1/29/97
o-Xylene	3300	µg/L	0.50	EPA 8020	1/29/97
Total Xylene	10500	µg/L	0.50	EPA 8020	1/29/97
Methyl t-butyl ether	350	µg/L	50.0	EPA 8020	1/29/97
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	25	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97

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Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2795
Lab#: 97FEB0009-14
LV#: 97JAN682-013

Sample Description: Well Water - Oakland, CA
Sample ID: PR53
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	8.4	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
Chlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Description: Well Water - Oakland, CA
Sample ID: PR46
Sampled by EA Engineering
PO/Ref/Disp#:

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2796
Lab#: 97FEB0009-15
LV#: 97JAN682-014

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2796
Lab#: 97FEB0009-15
LV#: 97JAN682-014

Sample Description: Well Water - Oakland, CA
Sample ID: PR46
Sampled by EA Engineering

PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2797
Lab#: 97FEB0009-16
LV#: 97JAN682-015

Sample Description: Well Water - Oakland, CA
Sample ID: E7
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	> 120	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

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Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2797
Lab#: 97FEB0009-16
LV#: 97JAN682-015

Sample Description: Well Water - Oakland, CA
Sample ID: E7
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

ND: Not Detected

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Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2798
Lab#: 97FEB0009-17
LV#: 97JAN682-016

Sample Description: Well Water - Oakland, CA
Sample ID: PR54
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	180	mg/L	0.05	CA-Luft	1/29/97
Diesel Range Organics	~~6.9~~	mg/L	0.15	CA-Luft	2/5/97
Benzene	18000	µg/L	0.50	EPA 8020	1/29/97
Toluene	20000	µg/L	0.50	EPA 8020	1/29/97
Ethylbenzene	2000	µg/L	0.50	EPA 8020	1/29/97
m&p Xylenes	9800	µg/L	0.50	EPA 8020	1/29/97
o-Xylene	4700	µg/L	0.50	EPA 8020	1/29/97
Total Xylene	14500	µg/L	0.50	EPA 8020	1/29/97
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97

PHONE CONVERSATION 3/7/97 JOE MUEHLECK (EA) AND FRANK MACIEGSKY (NESTLE QA LAB)

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2798
Lab#: 97FEB0009-17
LV#: 97JAN682-016

Sample Description: Well Water - Oakland, CA
Sample ID: PR54
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
Chlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

ND: Not Detected

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John R. Heuser
Chemist

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2799
Lab#: 97FEB0009-18
LV#: 97JAN682-017

Sample Description: Well Water - Oakland, CA
Sample ID: V85
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Dichlorodifluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Vinyl Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
Bromomethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichlorofluoromethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Methylene Chloride	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
cis 1,2-Dichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Chloroform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,1-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Carbon Tetrachloride	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Trichloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichloropropane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromodichloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
c 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
t 1,3-Dichloropropene	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2-Trichloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
Tetrachloroethene	ND	µg/L	5.0	EPA 8260	1/30/97
Dibromochloromethane	ND	µg/L	5.0	EPA 8260	1/30/97
Bromoform	ND	µg/L	5.0	EPA 8260	1/30/97
1,1,2,2-Tetrachloroethane	ND	µg/L	5.0	EPA 8260	1/30/97
1,3-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,4-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97
1,2-Dichlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

NESTLÉ USA, INC.

Nestlé

QUALITY ASSURANCE LABORATORY
P.O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516
TEL (614) 791-9144
FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2799
Lab#: 97FEB0009-18
LV#: 97JAN682-017

Sample Description: Well Water - Oakland, CA
Sample ID: V85
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Chlorobenzene	ND	µg/L	5.0	EPA 8260	1/30/97

ND: Not Detected

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report.
Sample condition upon receipt good.
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John R. Heuser
Chemist

NESTLÉ USA, INC.

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PO. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516
TEL (614) 791-9144
FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2800
Lab#: 97FEB0009-19
LV#: 97JAN682-018

Sample Description: Well Water - Oakland, CA
Sample ID: Trip Blank
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	1/24/97
Benzene	ND	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Methyl t-butyl ether	ND	µg/L	0.5	EPA 8020	1/24/97

ND: Not Detected

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report.
Sample condition upon receipt good.

John R. Heuser
Chemist

NESTLÉ USA, INC.

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6625 EITERMAN ROAD
DUBLIN, OH 43017-6516
TEL (614) 791-9144
FAX (614) 793-5353

- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Description: Well Water - Oakland, CA
Sample ID: Field Blank
Sampled by EA Engineering
PO/Ref/Disp#:

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2801
Lab#: 97FEB0009-20
LV#: 97JAN682-019

cc: Doug Oram - EA Engineering

Test	Result	Units	MDL	Method	Date Analyzed
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	1/24/97
Diesel Range Organics	ND	mg/L	0.15	CA-Luft	2/5/97
Benzene	ND	µg/L	0.50	EPA 8020	1/24/97
Toluene	ND	µg/L	0.50	EPA 8020	1/24/97
Ethylbenzene	ND	µg/L	0.50	EPA 8020	1/24/97
m&p Xylenes	ND	µg/L	0.50	EPA 8020	1/24/97
o-Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Total Xylene	ND	µg/L	0.50	EPA 8020	1/24/97
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloromethane	NR	µg/L	0.5	EPA 8010	1/28/97
Vinyl Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
Bromomethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Methylene Chloride	ND	µg/L	0.5	EPA 8010	1/28/97
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Chloroform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Trichloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	1/28/97

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- Laboratory Report -

Binayak Acharya
Nestle USA - Environmental Group
Glendale , CA

Sample Received: 1/17/97
Report Date: 2/14/97
Sampling Date: 1/16/97
Report Number: 2801
Lab#: 97FEB0009-20
LV#: 97JAN682-019

Sample Description: Well Water - Oakland, CA
Sample ID: Field Blank
Sampled by EA Engineering
PO/Ref/Disp#:

cc: Doug Oram - EA Engineering

t 1,3-Dichloropropene	ND	µg/L	0 5	EPA 8010	1/28/97
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	1/28/97
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	1/28/97
Bromoform	ND	µg/L	0.5	EPA 8010	1/28/97
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	1/28/97
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Chlorobenzene	ND	µg/L	0.5	EPA 8010	1/28/97
Methyl t-butyl ether	ND	µg/L	0.5	EPA 8020	1/28/97

ND: Not Detected

Unless you request otherwise, this sample will be discarded 90 days from from the date of this report.
Sample condition upon receipt good.

John R. Heuser
Chemist

Company Name: EA/Nestle

Project Manager or Contact: Doug Dram/Joe Mehlecke

Phone: (510) 283-7077

Project No.: 60966.01

Project Name: Nestle - West Oakland CA

Sample Storage Location:

Page 1 of 1

Batch ID:

Chain-of-Custody Record

EA Laboratories
19 Loveton Circle
Sparks, MD 21152
(301) 771-4920

Reports/Deliverables Only

Date	Time	Water	Soil	Sample Identification (ID and Matrix) 19 Characters	No. of Containers	TPH-g (GRO)	TPH-d (DRO)	BTEX	HVOC (8010)	MTBE	EA Labs Accession Number	Remarks
												97 Jan
1/16/97	12:56	X		MW2	8	X	X	X	X		6682-001	1
	10:00	X		MW3	8	X	X	X	X			2
	11:56	X		MW6	8	X	X	X	X			3
	08:07	X		MW25	8	X	X	X	X			4
	08:20	X		MW26	8	X	X	X	X	X		5
	08:34	X		MW27	8	X	X	X	X			6
	07:30	X		MW28	8	X	X	X	X	X		7
	07:54	X		MW29	8	X	X	X	X	X		8
	10:14	X		MW30	8	X	X	X	X			9
	12:36	X		MW32	8	X	X	X	X			10
	12:40	X		MW32/dup	8	X	X	X	X			11
	12:22	X		MW23	2				X			12
	10:38	X		V15	2				X			13
	10:51	X		PR53	6	X		X	X	X		14
	10:27	X		PR46	2				X			15
	11:42	X		E7	2				X			16
	11:15	X		PR54	8	X	X	X	X			17
	11:04	X		V85	2				X			18
		X		TRIP BLANK	1			X		X		19
		X		Field Blank	8	X	X	X	X	X		

Parameters/Method Numbers for Analysis*

Sampled by: (Signature) Ruth Bonilla — Date/Time 1/16/97

Relinquished by: (Signature) Ruth Bonilla — Date/Time 1/16/97

Received by: (Signature) Jason Mathes — Date/Time 1/17/97

Received by: (Signature) — Date/Time

Received by: (Signature) — Date/Time

Holding Times for VOAs

Sample Shipped by: (Circle)
Fed. Ex. Puro. UPS
Other: 272578366 3
260174006 26
Air Bill Number: 253323896 7

Cooler Temp.: _____ C | pH: ☐ Yes ☐ No Comments:

*NOTE: Please indicate method number for analyses requested. This will help clarify any questions with laboratory technicians.

EA 0395 White — EA Laboratories Yellow — EA Laboratories Pink — Project Manager