ETIC
Engineering, Inc.

Groundwater Monitoring Report
Third and Fourth Quarters 1999

Nestlé USA, Inc. Facility
1310 14th Street
Oakland, California

Prepared for

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

Prepared by

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February 2000

CONTENTS

SITE CONTACTS

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1. INTRODUCTION

Nestlé USA, Inc. (Nestlé) has retained ETIC Engineering, Inc. (ETIC) to provide environmental services for the Nestlé facility at 1310 14th Street, Oakland, California (Figure 1).

This report presents the results for quarterly sampling for the third and fourth quarters of 1999, conducted in July and October 1999, and the results for well gauging and remediation system monitoring.

As discussed with Tom Peacock of the Alameda County Health Agency on 8 December 1998, the wells to be monitored would be changed in the upcoming quarters, in order to determine which wells can be destroyed. During the third quarter of 1999, the following wells were gauged and sampled:

Gauged	MW2, MW3, MW15, MW25-MW30, MW32, MW33, PR26, PR41, PR45, PR52, PR54, PR64, PR65, PR68, V4, V21, V31, V55, V64, V72, V84, V200, 29 (CC1), 30 (CC2), 81, 94, 224, 239, 249, and 254.
Sampled	MW2, MW3, MW15, MW25-MW30, MW32, MW33, PR26, PR45, PR52, PR53, PR54, PR64, PR65, PR68, V31, V55, V72, V84, 29 (CC1), 30 (CC2), 81, 94, 224, 239, and 249.

During the fourth quarter of 1999, the following wells were gauged and sampled:

Gauged	MW3, MW25-MW30, MW32, MW33, PR26, PR41, PR45, PR52, PR53, PR54, PR62, PR64, PR65, PR68, V4, V21, V31, V54, V55, V64, V72, V84, V200, 29 (CC1), 30 (CC2), 223, 239, and 254.
Sampled	MW3, MW25-MW30, MW32, MW33, PR26, PR45, PR52, PR53, PR54, PR64, PR65, PR68, V31, V55, V72, V84, 29 (CC1), 30 (CC2), 223, and 239.

Additional wells were gauged for NAPL, as discussed in Section 2.1 below.

During the fourth quarter of 1997 and first quarter of 1998, a multiphase extraction (MPE) remediation system was installed. The MPE system began operation in August 1997, and was upgraded in June through September 1998. Operation of the MPE system is ongoing. The focus of the remedial effort is the recovery of non-aqueous phase liquid (NAPL). Remediation system monitoring results are summarized in Section 4.

On 19 November 1999, 42 wells were destroyed according to a work plan reviewed and accepted by the Alameda County Health Agency. A report describing the well destructions will be submitted during the first quarter of 2000.

2. FIELD PROCEDURES

2.1 NAPL GAUGING

A total of 64 wells were gauged from early June 1999 to mid-January 2000 to determine the presence and thickness of NAPL, using an interface probe. The set of wells used to monitor the location of NAPL in the subsurface will vary as remediation progresses, but in general 40 or more wells are gauged each quarter.

2.2 PURGING AND SAMPLING OF GROUNDWATER

After depths to groundwater were measured in wells in July and October 1999, each well to be sampled was purged, using a dedicated PVC pipe attached to an aboveground pump. Approximately 3 well casing volumes of water were removed from each well. Wells that dewatered prior to removal of 3 casing volumes were allowed to recharge at least 80 percent prior to sampling. The temperature, pH, and electrical conductance of the purged water were recorded at approximately each well casing volume as each well was purged. When the parameters were stable (less than 10 percent change from the previous reading for temperature and electrical conductance, and less than 0.1 pH unit change for pH), purging was stopped and groundwater samples were collected. The samples were collected from each well with factory-cleaned disposable polyethylene bailers and poured into 40-mL glass VOA vials and placed in an ice-filled cooler. All samples were handled and transported under chain of custody.

The samples were submitted to the Nestlé Quality Assurance Laboratory, where they were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) and as diesel (TPH-d) by the California DOHS method described in the October 1989 LUFT Field Manual. The samples collected during the third quarter were also analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl t-butyl ether (MTBE) by EPA Method 8020 and selected samples were analyzed for halogenated volatile organic compounds (HVOCs) by EPA Method 8010. The samples collected during the fourth quarter were also analyzed for BTEX and selected HVOCs by EPA Method 8021.

3. SUMMARY OF RESULTS

3.1 NAPL GAUGING AND MONITORING

NAPL monitoring data for a representative number of wells monitored since November 1993 are summarized in Table 1. Of the 64 wells monitored from 1 June 1999 to 17 January 2000, 9 wells were dry, 33 wells contained no detectable NAPL, 12 wells contained between a sheen and 0.09 feet of NAPL, and 10 wells contained between 0.10 and 0.99 feet of NAPL. No wells contained NAPL at a thickness of 1.0 feet or greater. The spatial distribution of these wells containing the different thicknesses of NAPL is shown in Figure 2.

Gauging results indicate that the MPE system is effective and has decreased the amount of NAPL in the subsurface. The results for some of the wells that have historically contained NAPL are summarized below.

	Maximum NAPL Thickness (feet)					
Well	February 1998	November 1998	May 1999	August 1999	November 1999	January 2000
PR21	4.28	Dry	<0.01	Dry	Dry	Dry
PR22	4.54	<0.01	<0.01	<0.01	Dry	Sheen
PR26	3.39	<0.01	<0.01	<0.01	<0.01	<0.01
PR34	3.18	<0.01	<0.01	<0.01	<0.01	<0.01

Well	Maximum NAPL Thickness (feet)					
	February 1998	November 1998	May 1999	August 1999	November 1999	January 2000
PR48	1.30	0.04	<0.01	0.01	0.01	<0.01
PR58	4.25	0.03	0.15	0.06	0.01	0.06
PR64	2.93	<0.01	0.06	0.21	0.02	<0.01
MW23	0.51	<0.01	0.63	0.28	0.03	<0.01
MW24	0.25	0.25	1.26	0.34	0.13	0.04

Wells PR58, PR64, MW23, and MW24 continue to recover thicknesses of NAPL. Remedial efforts are being concentrated in these areas.

3.2 DEPTH TO GROUNDWATER IN MONITORING WELLS

The depth to groundwater in monitoring wells on 21 July 1999 ranged from 6.88 (MW29) to 8.92 (MW2) feet, and groundwater elevations ranged from 5.72 (MW29) to 6.24 (MW32) feet above mean sea level (Table 2). A groundwater elevation contour map for 21 July 1999 is shown in Figure 3. The direction of groundwater flow in July was toward the north-northwest, at a gradient of approximately 0.002 to 0.004 feet per foot. Field documentation is provided in Appendix A.

The depth to groundwater in monitoring wells on 25 October 1999 ranged from 8.01 (MW29) to 9.87 (MW30) feet, and groundwater elevations ranged from 4.59 (MW29) to 5.16 (MW32) feet above mean sea level (Table 2). A groundwater elevation contour map for 25 October 1999 is shown in Figure 4. The direction of groundwater flow in October was toward the north-northwest, at a gradient of approximately 0.003 feet per foot. Field documentation is provided in Appendix A.

3.3 ANALYSIS OF SAMPLES

The analytical results for the groundwater samples collected in July and October 1999 are presented in Table 3, along with previous results. The distribution of BTEX, TPH-g, TPH-d, and HVOCs in the groundwater samples is shown in Figures 5 and 6. Laboratory analytical reports and chain-of-custody documentation are included in Appendix B.

4. REMEDIATION SYSTEM MONITORING

The monitoring results through 19 January 2000 for the MPE water and vapor treatment systems are summarized in Tables 4 and 5, respectively. An estimated 619 pounds of hydrocarbons has been removed from extracted water, and an estimated 538 pounds of NAPL has been removed by the oil/water separator (Table 4). The estimated amount of NAPL fluctuates due to accumulation of water in the product storage tank. An estimated 9,550 pounds of hydrocarbons has been removed from extracted soil vapor (Table 5). Figure 7 graphically depicts the number of pounds of hydrocarbons removed from groundwater, vapor effluent, and as free product. An estimated combined total of 10,707 pounds of hydrocarbons has been removed and treated since system installation.

The groundwater portion of the MPE system consists of two 200-pound liquid phase carbon vessels in parallel, followed by two 200-pound liquid phase carbon vessels in parallel, followed by two 1,000-pound liquid phase carbon vessels in series. The vapor portion of the MPE system consists of air/water separators and a thermal oxidizer which burns extracted soil vapors and vapor-phase hydrocarbons stripped from groundwater and recovered product.

The MPE system operated intermittently during the reporting period. The MPE system was operated in a cycled mode during this reporting period. The MPE system is operated in a cycled mode to allow subsurface conditions to equilibrate after vapor concentrations and free product recovery decline. The MPE system was shut down from 15-22 October 1999 while an electrical control component was replaced. During operation, the MPE system is adjusted to extract from different wells, focusing on those that have measurable NAPL. Wells at the site continue to be gauged for NAPL, and the MPE system is adjusted to maximize NAPL removal from the subsurface.

5. WORK PROPOSED FOR THE NEXT TWO QUARTERS

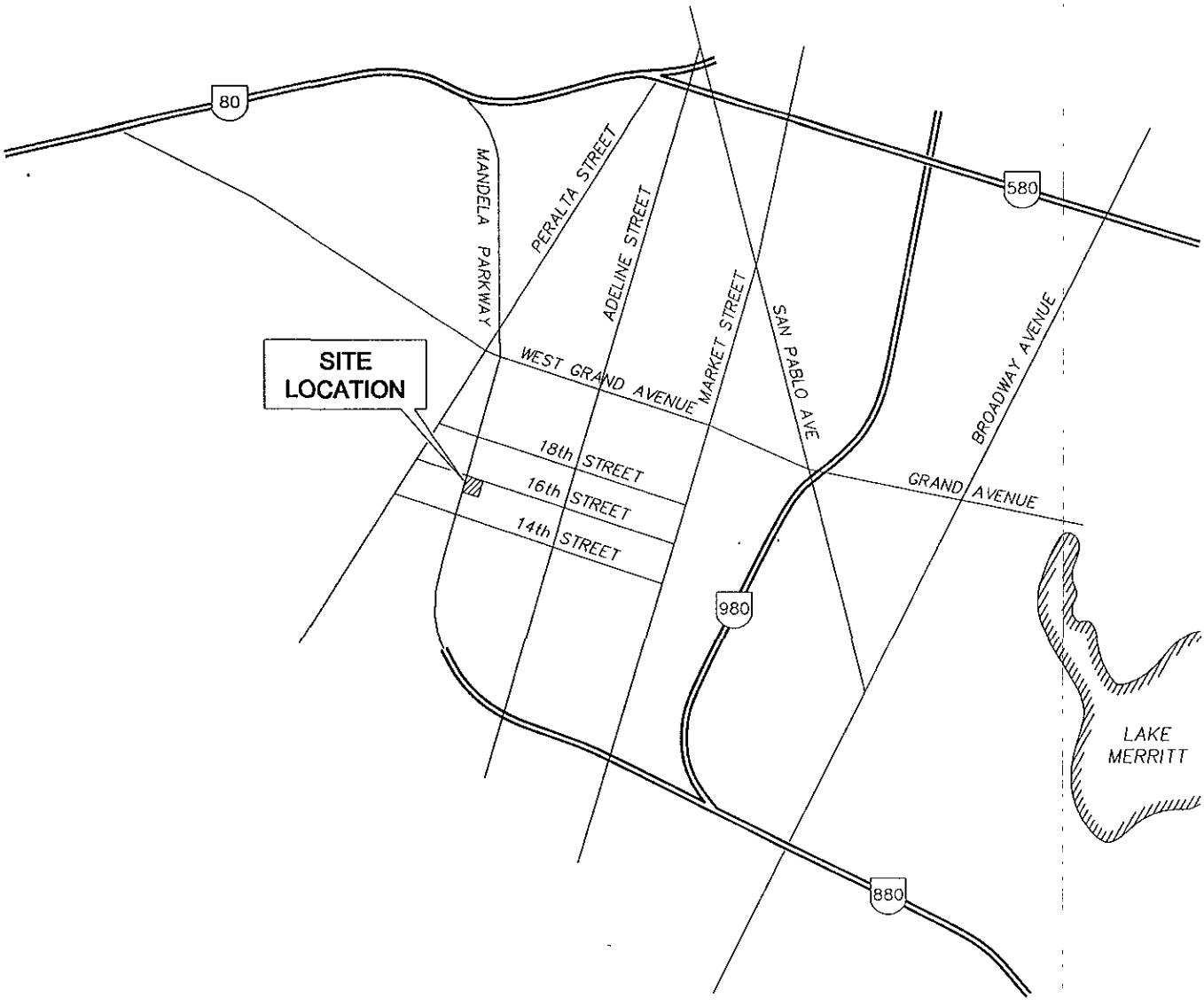
During the first and second quarters of 2000, groundwater in selected wells will be sampled and analyzed for BTEX and TPH-g. Selected samples will also be analyzed for TPH-d and HVOCs. As discussed with Tom Peacock of the Alameda County Health Agency on 8 December 1998, the wells to be monitored will be changed each quarter to determine which wells can be destroyed.

The MPE system will be monitored and adjusted to concentrate on extraction from wells containing NAPL. The MPE system will be turned off periodically to allow the subsurface conditions to equilibrate so that NAPL recharge can be evaluated and the wells gauged for NAPL.

Also during the first quarter of 2000, residents downgradient of the site will be contacted to determine if unregistered wells exist on their properties.

An industrial well located 0.22 miles crossgradient from the Nestlé site will also be investigated to determine if it still exists and, if it exists, if it is used and how it is constructed. This information, along with the residential well information, will be documented in a letter report to be submitted in March 2000.

Figures



N

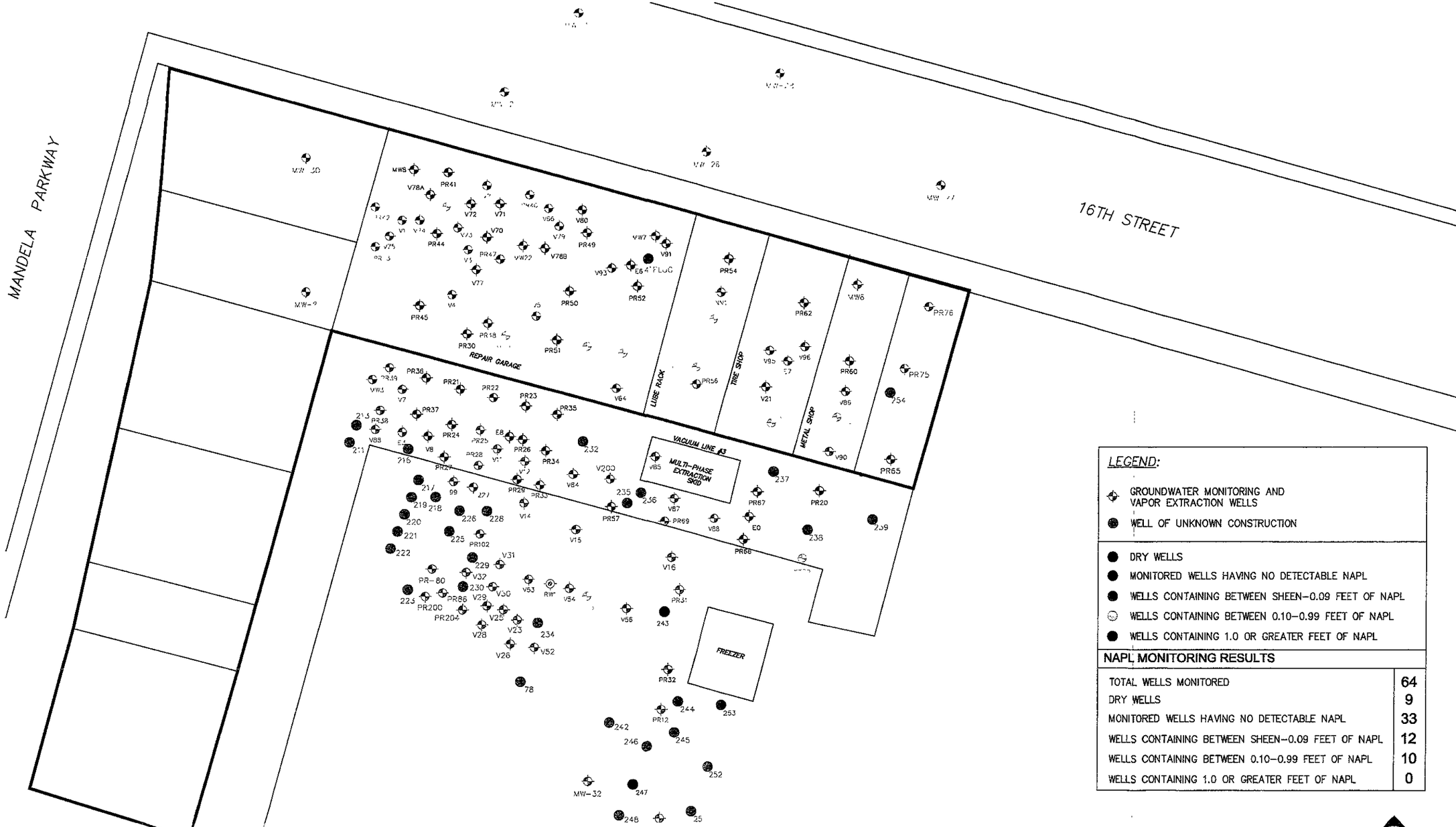
Not To Scale

FILENAME: LOCATION DWG 01/24/00

ETIC Engineering, Inc.

SITE LOCATION MAP
NESTLE OAKLAND FACILTY
1310 14th STREET, OAKLAND, CALIFORNIA

FIGURE: 1



LEGEND:

- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION

- DRY WELLS
- MONITORED WELLS HAVING NO DETECTABLE NAPL
- WELLS CONTAINING BETWEEN SHEEN–0.09 FEET OF NAPL
- WELLS CONTAINING BETWEEN 0.10–0.99 FEET OF NAPL
- WELLS CONTAINING 1.0 OR GREATER FEET OF NAPL

NAPL MONITORING RESULTS

TOTAL WELLS MONITORED	64
DRY WELLS	9
MONITORED WELLS HAVING NO DETECTABLE NAPL	33
WELLS CONTAINING BETWEEN SHEEN–0.09 FEET OF NAPL	12
WELLS CONTAINING BETWEEN 0.10–0.99 FEET OF NAPL	10
WELLS CONTAINING 1.0 OR GREATER FEET OF NAPL	0

N

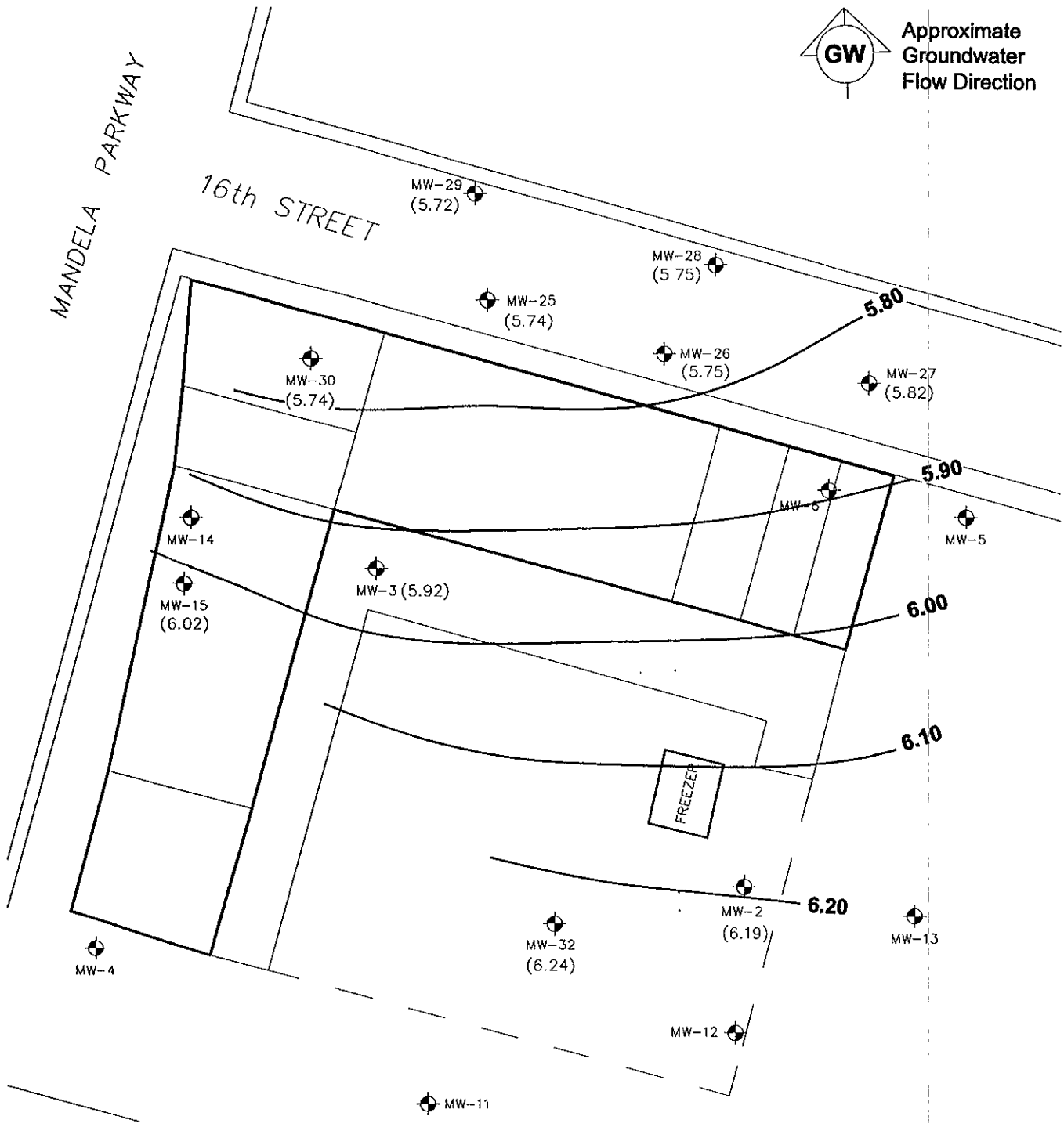
0 15 30

Scale (feet)

ETIC Engineering, Inc.

SITE PLAN SHOWING DISTRIBUTION OF NAPL, 1 JUNE 1999 - 17 JANUARY 2000
NESTLE OAKLAND FACILITY
1310 14th STREET, OAKLAND, CALIFORNIA

FIGURE 2



LEGEND:

- MONITORING WELL LOCATION
- (6.24) GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION CONTOUR (dashed where inferred)

N

0 25 50

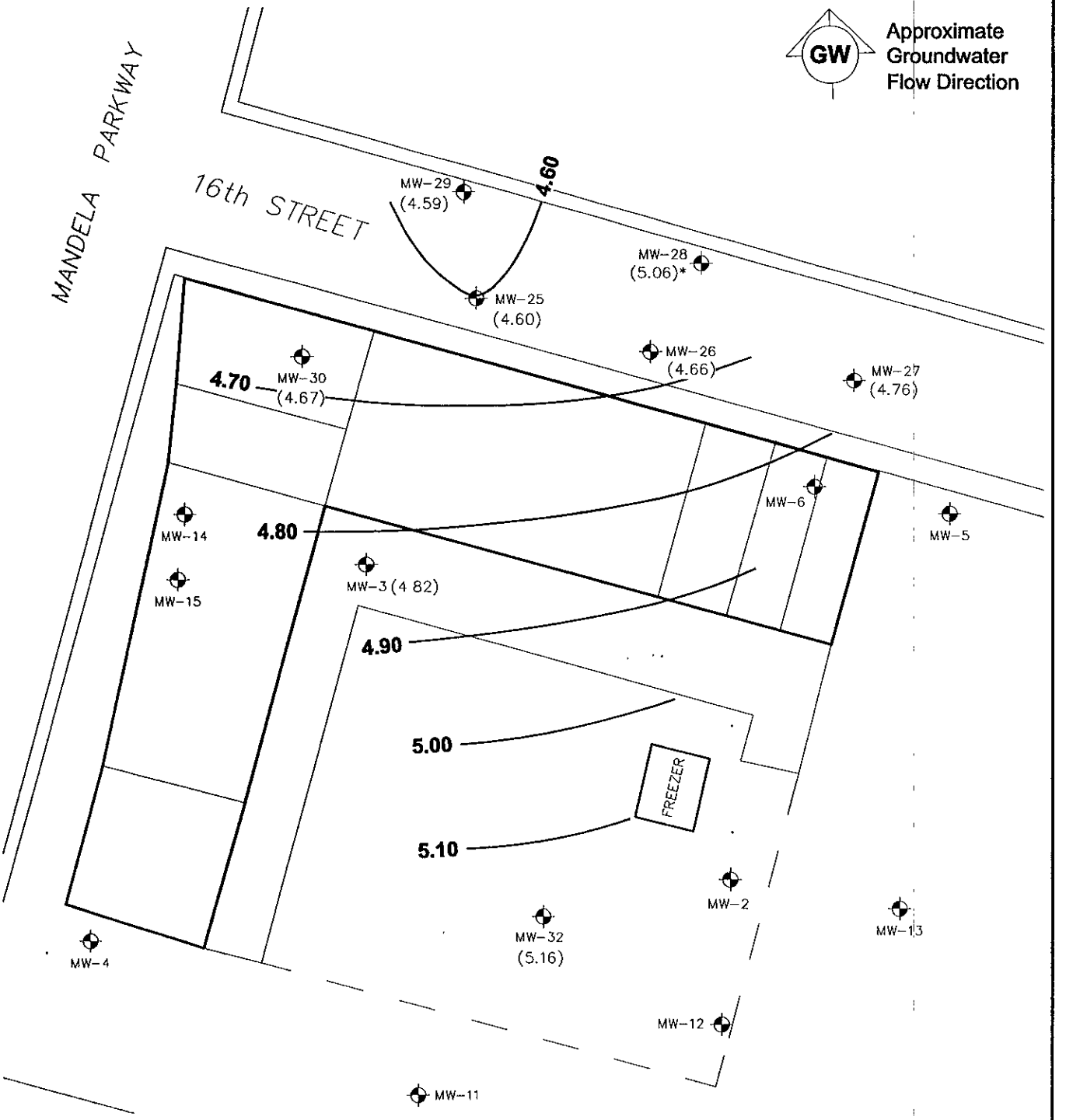
Scale (feet)

FILENAME: CONTOURS.DWG 01/24/00

ETIC Engineering, Inc.

GROUNDWATER ELEVATIONS IN WELLS
SAMPLED FOR DISSOLVED HYDROCARBONS
NESTLE OAKLAND FACILITY, 1310 14th STREET, OAKLAND, CALIFORNIA
21 JULY 1999

FIGURE: 3



LEGEND:

- MONITORING WELL LOCATION
- (5.16) GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION CONTOUR (dashed where inferred)
- * NOT USED TO DETERMINE GROUNDWATER GRADIENT

N

0 25 50

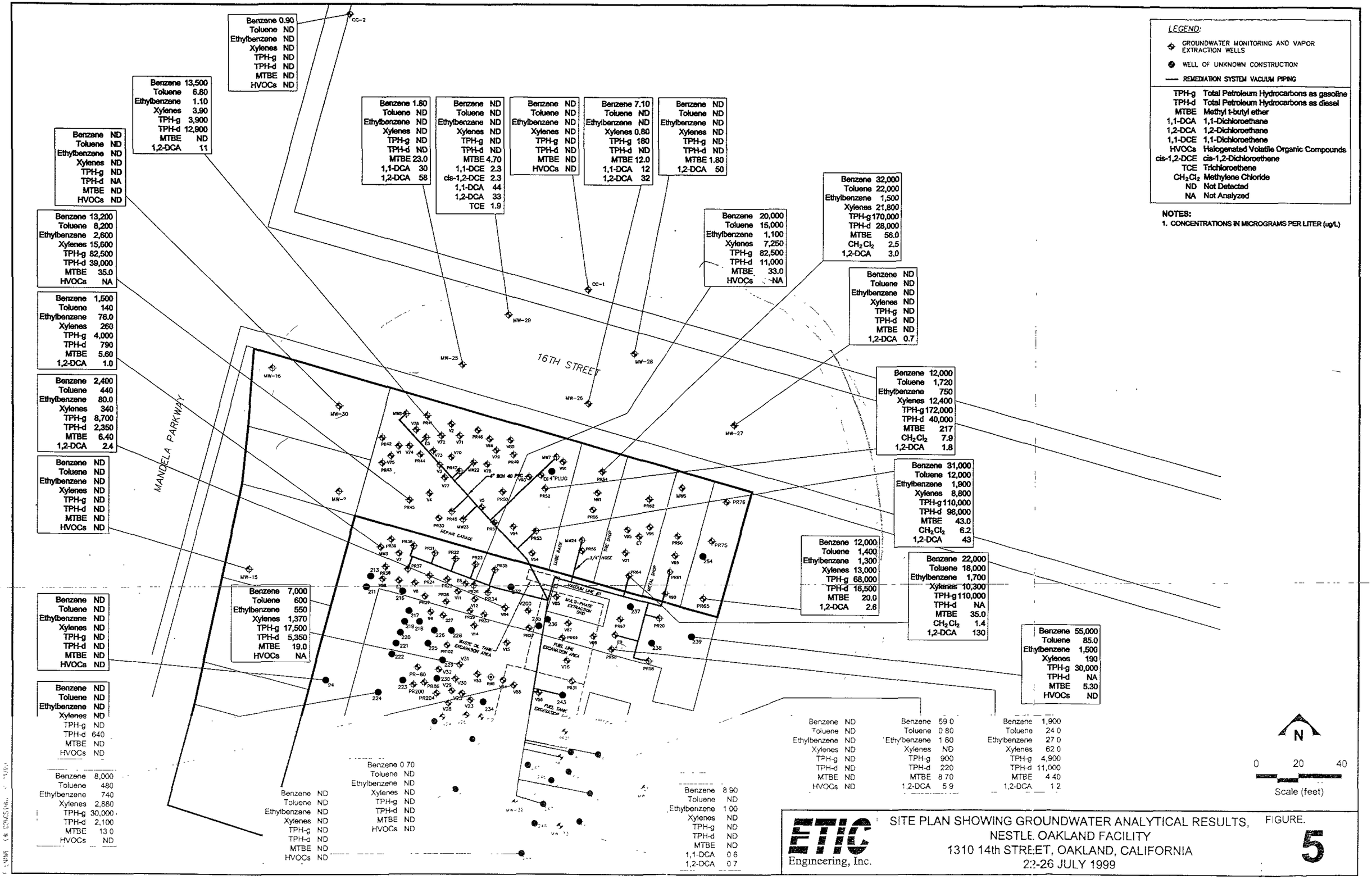
Scale (feet)

FILENAME: CONTOURS.DWG 01/24/00

ETIC Engineering, Inc.

GROUNDWATER ELEVATIONS IN WELLS
SAMPLED FOR DISSOLVED HYDROCARBONS
NESTLE OAKLAND FACILITY, 1310 14th STREET, OAKLAND, CALIFORNIA
25 OCTOBER 1999

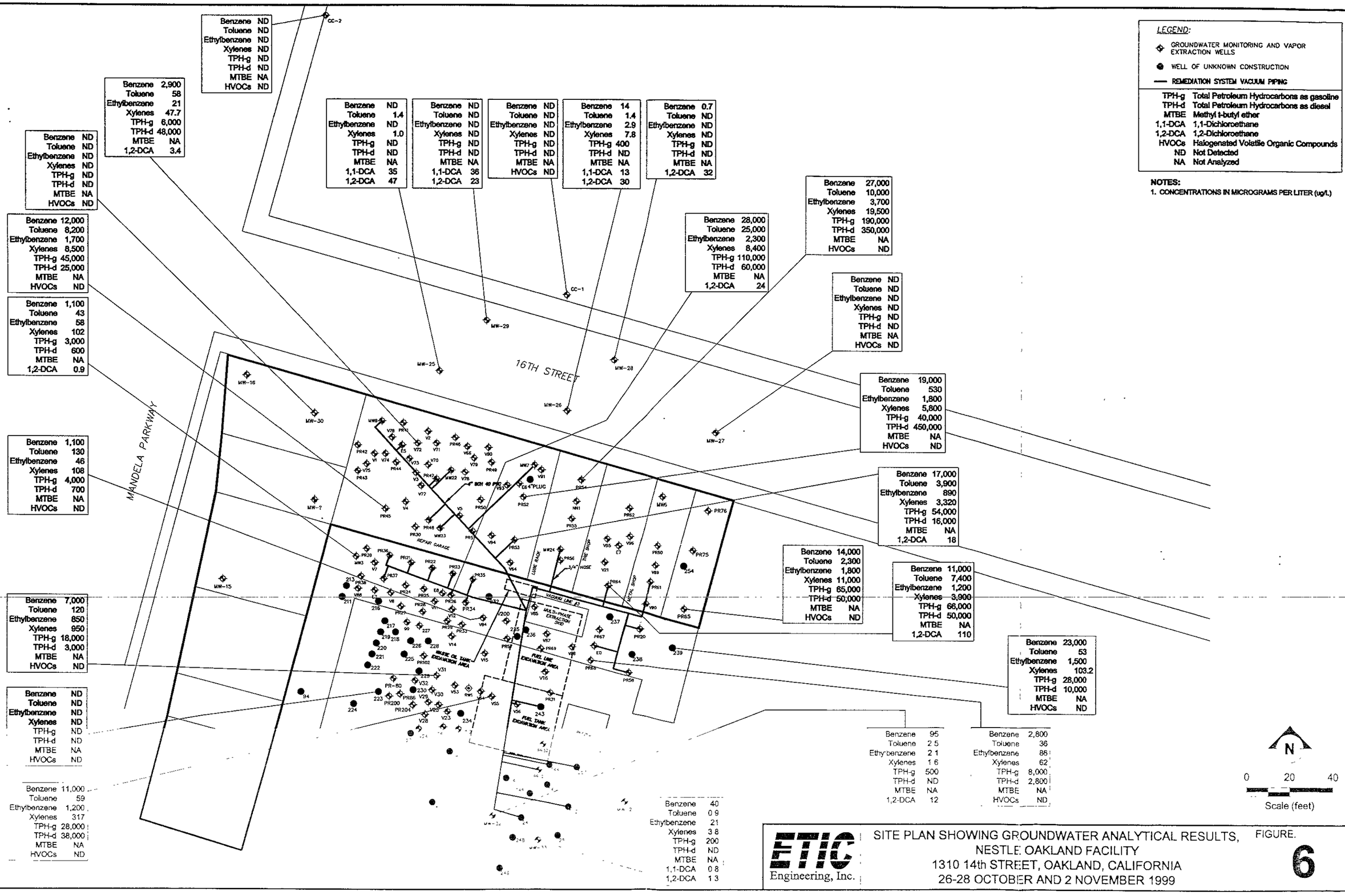
FIGURE: 4



ETIC Engineering, Inc.

SITE PLAN SHOWING GROUNDWATER ANALYTICAL RESULTS,
NESTLE OAKLAND FACILITY
1310 14th STREET, OAKLAND, CALIFORNIA
2?-26 JULY 1999

FIGURE 5

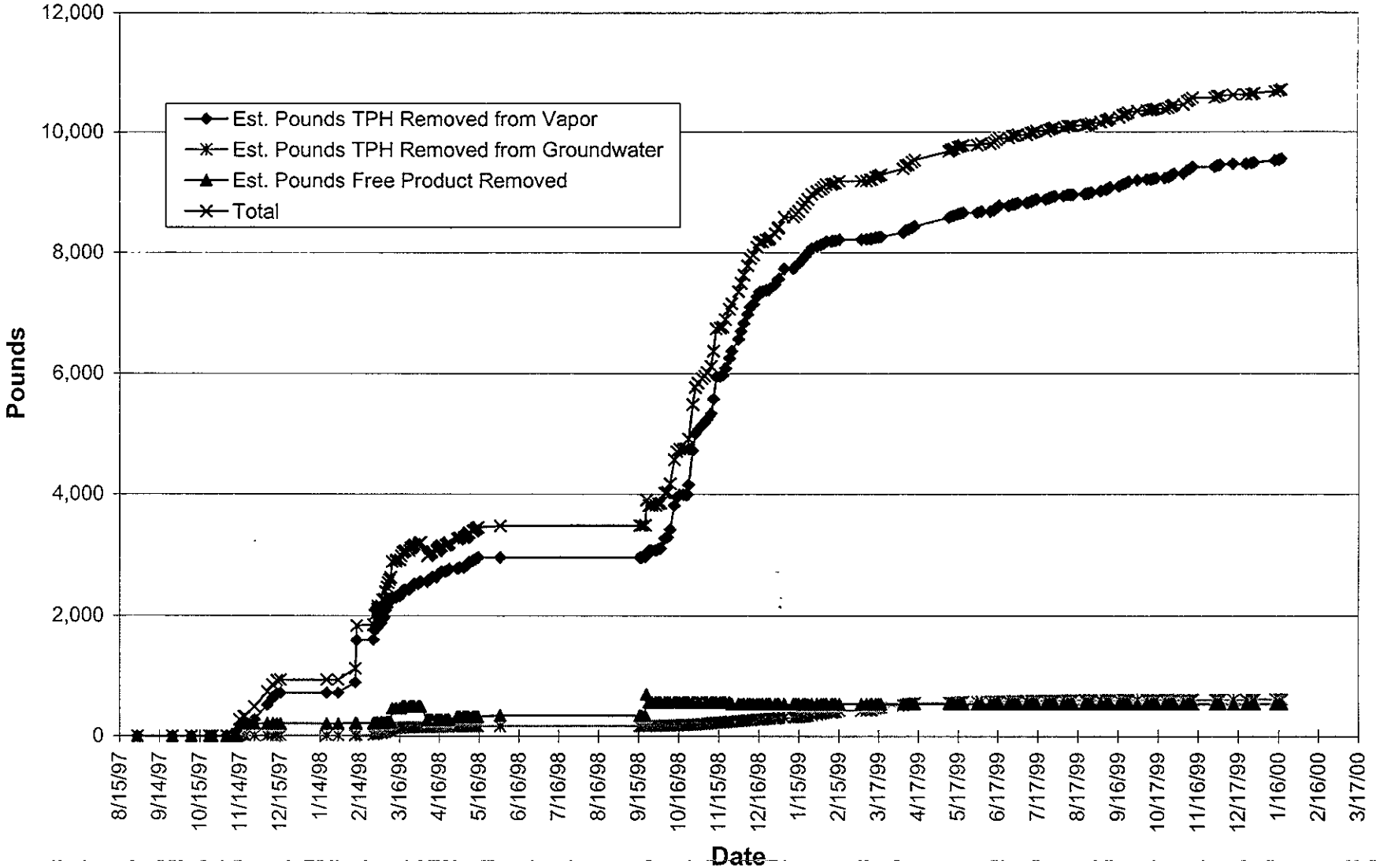


ETIC Engineering, Inc.

SITE PLAN SHOWING GROUNDWATER ANALYTICAL RESULTS,
NESTLE OAKLAND FACILITY
1310 14th STREET, OAKLAND, CALIFORNIA
26-28 OCTOBER AND 2 NOVEMBER 1999

FIGURE.
6

Figure 7: Total Pounds of Hydrocarbons Removed from Groundwater and Vapor Effluents and as Free Product Nestle' Facility, 1310 14th Street, Oakland, California



Tables

TABLE 1 PRODUCT THICKNESS (ft), FORMER CARNATION DAIRY FACILITY, OAKLAND, CALIFORNIA

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	2/17/97	2/28/97	3/7/97	3/14/97	3/28/97	4/11/97	4/17/97	4/25/97	5/2/97	5/9/97	5/16/97	6/6/97
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	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
E-5	--	--	--	--	--	--	--	--	--	--	1.50	0.27	0.03	0.10	0.01	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-8	--	--	--	--	--	--	--	--	0.10	--	0.42	0.19	0.02	<0.01	<0.01	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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-29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-30	--	--	--	2.81	1.21	1.97	<0.01	<0.01	--	Dry	Dry	Dry	--	Dry	Dry	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	0.67	0.98	1.15	1.23	0.65	1.31	0.8	1.06	0.7	0.66	0.64	0.75
PR-35	0.62	1.26	>3.0	1.7	0.12	0.13	0.85	0.91	0.84	0.73	0.4	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	2 4	2.21	2.45	--	2.45	2.14	1.8	2.06	1.79	1.64	1.49	1.44
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	0.34	0.6	0.55	0 77	0.02	0.17	0 33	0.42	0.27	0.4	0.34	0.32
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-68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-70	--	--	1.59	--	--	--	--	--	--	--	--	--	--	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	--	--	--	--	--	--	--	--	0 01	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-55	--	--	--	--	--	--	--	--	--	--	0.04	--	--	<0.01	<0.01	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 (extended) PRODUCT THICKNESS, FORMER CARNATION DAIRY FACILITY, OAKLAND, CALIFORNIA

Well	7&8/97	2/10/98	3/4/98	3/18/98	4/6/98	4/17/98	5/18/98	8/31/98	11/2/98	1/7/99	2/25/99	3/29/99	5/7/99	6/1/99	6/11/99	6/25/99	7/9/99	7/23/99	8/6/99	8/23/99	9/7/99
MW-3	--	--	--	--	--	<0.01	--	<0.01	--	--	<0.01a	--	--	--	--	--	--	--	--	--	--
MW-7	0.03	<0.01	<0.01	--	<0.01	--	<0.01	0.01	--	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
MW-8	<0.01	<0.01	<0.01	--	<0.01	--	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
MW-22	<0.01	<0.01	<0.01	--	<0.01	--	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-23	1.60	0.51	0.55	--	0.37	--	0.38	1.0	<0.01	0.22	0.01	0.09	0.63	<0.01	0.19	0.32	0.36	0.28	0.26	0.28	0.14
MW-24	1.56	0.25	0.16	--	1.23	--	2.28	--	0.25	0.26	0.35	0.17	1.26	0.61	0.62	0.83	0.74	0.67	0.71	0.34	0.32
E-0	<0.01	0.02	0.03	--	0.03	--	0.03	--	<0.01	<0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
E-3	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
E-5	0.24	<0.01	<0.01	--	<0.01	--	<0.01	0.12	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	0.02	<0.01	<0.01	0.01
E-6	--	--	--	--	--	0.01	--	--	0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
E-8	0.25	--	0.22	--	0.19	0.19	0.18	0.16	--	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
PR-12	0.10	--	--	--	<0.01	--	<0.01	--	<0.01	--	<0.01	--	<0.01	--	--	--	--	<0.01	<0.01	<0.01	0.01
PR-20	1.19	3.40	4.77	--	4.36	--	3.66	--	<0.01	<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-21	1.21	4.28	0.03	<0.01	0.03	--	0.1	<0.01	Dry	Dry	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	Dry	<0.01	Dry	Dry
PR-22	0.01	4.54	0.01	--	<0.01	--	<0.01	0.20	<0.01	<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-23	0.06	<0.01	0.01	<0.01	0.01	--	<0.01	--	--	<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-24	<0.01	--	--	<0.01	--	<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-25	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-26	0.11	3.39	0.09	<0.01	<0.01		<0.01	0.04	<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-27	<0.01	--	--	<0.01	--	<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-28	--	--	--	--	--	<0.01	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--
PR-29	<0.01	--	--	<0.01	--	<0.01	--	<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-30	Dry	--	<0.01	<0.01	<0.01	--	<0.01	Dry	--	--	Dry	--	Dry	Dry	--	Dry	Dry	--	--	Dry	--
PR-32	<0.01	<0.01	0.02	--	<0.01	--	<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-33	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-34	0.93	3.18	0.05	--	<0.01	--	0.04	0.17	<0.01	<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-35	0.90	0.71	<0.01	--	<0.01	--	<0.01	0.02	<0.01	<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-36	Dry	0.54	0.10	--	0.10	--	0.03	0.09	Dry	Dry	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	Dry	Dry
PR-37	0.31	<0.01	0.06	--	<0.01	--	0.13	0.07	<0.01	<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-38	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-41	Dry	--	<0.01	--	<0.01	<0.01	<0.01	Dry	--	--	<0.01	--	Dry	--	--	Dry	Dry	--	--	--	--
PR-42	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-43	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-
PR-44	Dry	--	--	--	--	<0.01	--	--	--	--	<0.01	--	--	Dry	--	--	--	--	--	--	--
PR-45	<0.01	--	--	--	--	<0.01	--	--	--	--	<0.01	--	--	--	--	<0.01	--	--	--	--	--
PR-46	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
PR-47	0.02	<0.01	<0.01	--	<0.01	--	<0.01	0.06	<0.01	<0.01	<0.01	0.02	sheen d	<0.01	0.02	0.05	0.01	0.02	0.04	0.03	0.01
PR-48	--	1.30	0.01	<0.01	0.01	--	0.03	0.71	0.04	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.02	0.01	0.01	0.01	0.01	0.02
PR-49	<0.01	--	<0.01	<0.01	<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-50	<0.01	--	<0.01	<0.01	<0.01	<0.01	<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	Dry	--	0.17	<0.01	<0.01	Dry	<0.01	Dry	--	--	<0.01	Dry	Dry	Dry	Dry	Dry	Dry	--	--	Dry	--
PR-52	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	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-53	0.02	<0.01	<0.01	--	0.02	--	0.30	1.31	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.06	<0.01	0.12	0.03
PR-54	<0.01	--	<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-55	Dry	--	0.02	--	<0.01	--	<0.01	--	Dry	--	<0.01	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0.20	0.05	0.02
PR-56	Dry	--	<0.01	--	<0.01	--	<0.01	--	Dry	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-57	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	--	--	--	<0.01	--	<0.01	<0.01	--	<0.01	<0.01	--	--	--	--
PR-58	0.85	4.25	5.22	--	4.25	--	3.63	--	0.03	0.14	0.02	0.56	0.15	0.11	<0.01	0.05	<0.01	0.02	0.07	0.06	0.04
PR-60	Dry	--	--	--	--	--	--	--	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
PR-61	0.49	0.55	1.14	--	1.74	--	2.46	--	0.80	0.06	0.05	0.09	0.21	0.30	0.12	0.17	0.15	0.15	0.04	0.12	0.07
PR-62	<0.01	--	--	--	--	--	--	--	--	--	<0.01	--	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	--	--
PR-64	1.42	2.93	4.61	--	4.52	--	3.75	--	<0.01	0.16	0.28	0.47	0.06	0.51	0.13	0.17	0.24	0.18	0.29	0.21	0.10
PR-65	Dry	--	<0.01	--	<0.01	--	<0.01	--	--	--	<0.01	--	<0.01	<0.01	--	<0.01	<0.01	<0.01	--	--	--
PR-67	<0.01	--	<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-68	<0.01	--	<0.01	--	<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-70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-2	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-3	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-4	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-5	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-7	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-8	Dry	--	<0.01	--	--	<0.01	--	--	--	--	<0.01	--	--	--	Dry	--	--	--	--	--	--
V-11	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-12	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-21	Dry	--	<0.01	--	<0.01	<0.01	<0.01	--	--	--	Dry	--	<0.01	--	--	--	--	--	--	<0.01	--
V-54	--	--	--	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--		
V-55	<0.01	--	0.05	--	0.01	--	0.14	--	0.09	--	<0.01	<0.01	0.41d	0.14	<0.01	<0.01	<0.01	<0.01	<0.01	sheen	0.01
V-56	0.66	--	--	--	0.03	--	0.06	--	Dry[c]	--	<0.01	<0.01	sheen d	<0.01	<0.01	<0.01	0.01	0.02	0.01	0.01	0.07
V-64	--	--	--	--	--	<0.01	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	-	
V-66	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-70	Dry	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	--	<0.01	--	<0.01	--	--	<0.01	--	--	<0.01	<0.01	--
V-71	Dry	--	--	<0.01	--	<0.01	--	<0.01	--	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	--
V-72	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	<0.01	--	--	--	<0.01	--	--
V-73	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	-	--
V-74	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	-	--
V-77	<0.01	--	--	0.19	--	--	--	0.49	Dry	--	0.06	0.02	0.11	<0.01	<0.01	--	0.01	0.03	0.04	0.04	0.08
V-78A	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	--	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	--	<0.01	0.01
V-78B	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	--	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
V-79	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V-80	--	--	--	<0.01	--	<0.01	--	<0.01	--	--	<0.01	--	<0.01	--	<0.01	--	--	--	--	<0.01	--
V-84	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
V-85	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--	-	-
V-89	--	--	--	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--	--	--	-	-
V-90	Dry	--	--b	--	<0.01		<0.01	--	Dry	--	<0.01	--	Dry	--	--	--	--	--	--	-	--
V-91	--	--	--	--	--	<0.01	--	--	--	--	--	--	<0.01	--	<0.01	--	--	--	--	--	--
V-93	--	--	--	--	--	0.06	--	--	--	--	0.03	0.02	--	0.05	Dry	Dry	Dry	Dry	Dry	Dry	Dry
V-94	Dry	--	--	--	--	0.60	--	--	Dry	--	0.31	0.11	<0.01	0.18	0.04	0.01	<0.01	--	Dry	Dry	--
232	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--		
235	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--	--		-
239	--	--	--	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	--	--
243	1.88	<0.01	0.01	--	0.04	--	0.01	--	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
244	0.15	<0.01	<0.01	--	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
247	<0.01	<0.01	<0.01	--	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	--	<0.01	--	<0.01	--	<0.01	<0.01	<0.01	<0.01	0.01
252	--	--	--	--	--	--	--	--	<0.01	--	--	--	--	--	--	--	--	--	--	-	--
253	1.13	0.66	1.04	--	1.38	--	--	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	0.01

-- Well not monitored.

a = Monitored on 2/5/99; b = mud in well at 3.80 feet; c = well was dry, but probe showed oil on it; d = black, oily substance on probe.

TABLE 1 (extended) PRODUCT THICKNESS, FORMER CARNATION DAIRY FACILITY, OAKLAND, CALIFORNIA

Well	9/20/99	10/4/99	10/25/99	11/8/99	12/1/99	12/20/99	1/17/00
MW-3	--	--	--	--	--	--	--
MW-7	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01
MW-8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MW-22	<0.01	<0.01	0.01	<0.01	0.04	<0.01	<0.01
MW-23	0.13	0.05	0.03	0.03	<0.01	<0.01	<0.01
MW-24	0.18	0.14	0.13	0.13	0.13	<0.01	0.04
E-0,	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
E-3	--	--	--	--	--	--	--
E-5	<0.01	<0.01	<0.01	0.11	<0.01	<0.01	0.01
E-6	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
E-8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-12	<0.01	Sheen	0.01	0.01	0.01	0.01	0.08
PR-20	<0.01	<0.01	<0.01	--	<0.01	<0.01	<0.01
PR-21	Dry	<0.01	Dry	Dry	Dry	Dry	Dry
PR-22	<0.01	<0.01	<0.01	Dry	<0.01	<0.01	Sheen
PR-23	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-24	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-25	--	--	--	--	--	--	--
PR-26	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-27	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-28	--	--	--	--	--	--	--
PR-29	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-30	--	--	--	--	--	--	--
PR-32	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-33	--	--	--	--	--	--	--
PR-34	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-35	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-36	Dry	<0.01	Dry	Dry	Dry	Dry	Dry
PR-37	<0.01	<0.01	<0.01	Dry	<0.01	<0.01	<0.01
PR-38	--	--	--	--	--	--	--
PR-41	Dry	--	--	--	--	--	--
PR-42	--	--	--	--	--	--	--
PR-43	--	--	--	--	--	--	--
PR-44	Dry	--	--	--	--	--	--
PR-45	<0.01	--	--	--	--	--	--
PR-46	--	--	--	--	--	--	--
PR-47	0.01	<0.01	0.04	Sheen	Sheen	<0.01	Sheen
PR-48	0.03	<0.01	0.02	0.01	<0.01	<0.01	<0.01
PR-49	<0.01	--	--	--	--	--	--
PR-50	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-51	--	--	--	--	--	--	--
PR-52	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-53	<0.01	0.01	0.03	0.04	0.01	<0.01	<0.01
PR-54	<0.01	--	--	--	--	--	--
PR-55	0.02	0.03	0.02	<0.01	<0.01	<0.01	0.03
PR-56	--	<0.01	<0.01	<0.01	<0.01	<0.01	Sheen
PR-57	<0.01	--	--	--	--	--	--
PR-58	0.13	0.07	0.06	0.01	<0.01	<0.01	0.06
PR-60	--	--	--	--	--	--	--
PR-61	0.04	0.01	0.02	0.01	0.01	<0.01	<0.01
PR-62	<0.01	--	--	--	--	--	--
PR-64	0.08	0.04	0.08	0.02	0.01	0.04	<0.01
PR-65	<0.01	--	--	--	--	--	--
PR-67	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-68	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
PR-70	--	--	--	--	--	--	--
V-2	--	--	--	--	--	--	--
V-3	--	--	--	--	--	--	--
V-4	--	--	--	--	--	--	--
V-5	--	--	--	--	--	--	--
V-7	--	--	--	--	--	--	--
V-8	<0.01	--	--	--	--	--	--
V-11	--	--	--	--	--	--	--
V-12	--	--	--	--	--	--	--
V-21	--	--	--	--	--	--	--
V-54	--	--	--	--	--	--	--
V-55	Sheen	Sheen	Sheen	Sheen	<0.01	Sheen	Sheen
V-56	0.03	0.02	0.02	0.03	Sheen	Sheen	Sheen
V-64	--	--	--	--	--	--	--
V-66	--	--	--	--	--	--	--
V-70	<0.01	--	--	--	--	--	--
V-71	<0.01	Dry	--	--	--	--	--
V-72	<0.01	--	--	--	--	--	--
V-73	--	--	--	--	--	--	--
V-74	--	--	--	--	--	--	--
V-77	<0.01	<0.01	Dry	--	--	--	--
V-78A	--	<0.01	--	<0.01	<0.01	--	<0.01
V-78B	--	<0.01	--	--	--	--	--
V-79	--	--	--	--	--	--	--
V-80	<0.01	--	--	--	--	--	--
V-84	--	--	--	--	--	--	--
V-85	--	--	--	--	--	--	--
V-89	--	--	--	--	--	--	--
V-90	--	--	--	--	--	--	--
V-91	<0.01	--	--	--	--	--	--
V-93	Dry	Dry	Dry	Dry	Dry	--	--
V-94	--	--	--	--	--	--	--
232	--	--	--	--	--	--	--
235	--	--	--	--	--	--	--
239	--	--	--	--	--	--	--
243	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01
244	<0.01	<0.01	--	<0.01	Sheen	<0.01	<0.01
247	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01
252	--	--	--	--	--	--	--
253	<0.01	<0.01	--	<0.01	<0.01	<0.01	<0.01

-- Well not monitored.

TABLE 2 GAUGING DATA FOR MONITORING WELLS AT THE FORMER NESTLE FACILITY, OAKLAND, CALIFORNIA, 1994–1999

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
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
	04/15/97		--	8.21	--	6.90
	07/07/97		--	9.40	--	5.71
	10/27/97		--	10.25	--	4.86
	01/27/98		--	6.74	--	8.37
	04/22/98		--	6.37	--	8.74
	07/22/98		--	8.43	--	6.68
	10/21/98		--	9.74	--	5.37
	02/05/99		--	9.18	--	5.93
	07/21/99		--	**8.92**	--	**6.19**
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
	04/15/97		--	7.78	--	6.52
	07/07/97		--	8.82	--	5.48

TABLE 2 (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-3	10/27/97	14.30	--	9.60	--	4.70
	01/27/98		--	6.40	--	7.90
	04/22/98		--	6.15	--	8.15
	07/22/98		--	7.92	--	6.38
	10/21/98		--	9.19	--	5.11
	02/05/99		--	8.79	--	5.51
	07/21/99		**--**	**8.38**	**--**	**5.92**
	10/25/99		**--**	**9.48**	**--**	**4.82**
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
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
	12/12/95		--	9.60	--	4.81
	03/12/96		--	6.46	--	7.95
	02/05/99		--	8.66	--	5.75
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
	04/15/97		--	7.65	--	6.47
	07/07/97		--	8.67	--	5.45
	10/27/97		--	9.43	--	4.69
	04/22/98		--	5.91	--	8.21
	07/22/98		--	7.82	--	6.30
	10/21/98		--	9.02	--	5.10
	02/05/99		--	8.53	--	5.59

TABLE 2 (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-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
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
	07/27/95		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
MW-9	06/02/94	14.96	--	9.46	--	5.50
MW-10	02/24/94	15.73	--	9.59	--	6.14
	03/18/94		--	--	--	--
	06/02/94		--	10.17	--	5.56
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
	12/18/95		--	9.29	--	5.26
	03/12/96		--	5.95	--	8.60
	02/05/99		--	8.44	--	6.11
MW-12	03/18/94	15.28	--	7.62	--	7.66
	12/18/95		--	10.03	--	5.25
	07/07/97		--	9.48	--	5.80
	02/05/99		--	9.20	--	6.08

TABLE 2 (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
	12/12/95		--	9.94	--	4.91
	12/18/95		--	9.60	--	5.25
	03/12/96		--	6.40	--	8.45
	02/05/99		--	8.79	--	6.06
MW-14	02/24/94	14.10	--	dry	--	--
	03/18/94		--	dry	--	--
	12/06/95		--	dry	--	--
	02/05/99		--	8.31	--	5.79
MW-15	12/06/95	14.17	--	dry	--	--
	02/05/99		--	8.30	--	5.87
	07/21/99		--	**8.15**	--	**6.02**
MW-16	12/06/95	14.11	--	dry	--	--
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
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

TABLE 2 (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	12/18/95	14.48	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
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
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
	08/29/96		--	7.72	--	5.14
	01/16/97		--	6.00	--	6.86
	04/15/97		--	6.44	--	6.42
	07/07/97		--	7.53	--	5.33
	10/27/97		--	8.34	--	4.52
	01/27/98		--	5.37	--	7.49
	04/22/98		--	5.02	--	7.84
	07/22/98		--	6.47	--	6.39
	10/21/98		--	7.86	--	5.00
	02/05/99		--	7.51	--	5.35
	04/07/99		--	5.87	--	6.99
	07/21/99		**--**	**7.12**	**--**	**5.74**
	10/25/99		**--**	**8.26**	**--**	**4.60**

TABLE 2 (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-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
	04/15/97		--	7.48	--	5.23
	07/07/97		--	7.38	--	5.33
	10/27/97		--	8.15	--	4.56
	01/27/98		--	5.12	--	7.59
	04/22/98		--	4.90	--	7.81
	07/22/98		--	6.47	--	6.24
	10/21/98		--	7.64	--	5.07
	02/05/99		--	7.34	--	5.37
	04/07/99		--	5.70	--	7.01
	07/21/99		**--**	**6.96**	**--**	**5.75**
	10/25/99		**--**	**8.05**	**--**	**4.66**
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
	12/12/95		--	9.30	--	4.74
	06/21/96		--	7.64	--	6.40
	08/29/96		--	8.82	--	5.22
	01/16/97		--	7.06	--	6.98
	04/15/97		--	7.36	--	6.68
	07/22/98		--	7.83	--	6.21
	02/05/99		--	8.53	--	5.51
	07/21/99		**--**	**8.22**	**--**	**5.82**
	10/25/99		**--**	**9.28**	**--**	**4.76**
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

TABLE 2 (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-28	12/22/94	13.45	--	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
	04/15/97		--	7.17	--	6.28
	07/07/97		--	8.26	--	5.19
	10/27/97		--	8.93	--	4.52
	01/27/98		--	5.81	--	7.64
	04/22/98		--	5.60	--	7.85
	07/22/98		--	7.27	--	6.18
	10/21/98		--	8.43	--	5.02
	02/05/99		--	7.19	--	6.26
	04/07/99		--	6.41	--	7.04
	07/21/99		**--**	**7.70**	**--**	**5.75**
	10/25/99		**--**	**8.39**	**--**	**5.06**
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
	04/15/97		--	6.36	--	6.24
	07/07/97		--	7.33	--	5.27
	10/27/97		--	8.11	--	4.49
	01/27/98		--	5.15	--	7.45
	04/22/98		--	4.95	--	7.65
	07/22/98		--	6.45	--	6.15
	10/21/98		--	7.65	--	4.95
	02/05/99		--	8.01	--	4.59
	04/07/99		--	5.66	--	6.94

TABLE 2 (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	**07/21/99**	12.60	--	**6.88**	--	**5.72**
	10/25/99		--	**8.01**	--	**4.59**
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
	04/15/97		--	8.31	--	6.23
	07/07/97		--	9.28	--	5.26
	10/27/97		--	10.02	--	4.52
	01/27/98		--	7.04	--	7.50
	04/22/98		--	6.91	--	7.63
	07/22/98		--	8.44	--	6.10
	10/21/98		--	9.60	--	4.94
	02/05/99		--	9.08	--	5.46
	04/07/99		--	7.63	--	6.91
	07/21/99		--	**8.80**	--	**5.74**
	10/25/99		--	**9.87**	--	**4.67**
MW-31	06/02/94	14.92	--	9.42	--	5.50
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
	06/21/96		--	7.85	--	6.91
	08/29/96		--	9.22	--	5.54

TABLE 2 (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	01/16/97	14.76	--	7.14	--	7.62
	04/15/97		--	7.89	--	6.87
	07/07/97		--	9.00	--	5.76
	10/27/97		--	9.86	--	4.90
	01/27/98		--	6.35	--	8.41
	04/22/98		--	6.05	--	8.71
	07/22/98		--	8.06	--	6.70
	10/21/98		--	9.35	--	5.41
	02/05/99		--	8.76	--	6.00
	07/21/99		--	**8.52**	--	**6.24**
	10/25/99		--	**9.60**	--	**5.16**
MW33	**07/21/99**		--	**8.56**	--	--
	10/25/99		--	**9.62**	--	--

-- Product not present.

TABLE 3 CONCENTRATIONS (µg/L) OF ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES, NESTLE FACILITY, OAKLAND, CALIFORNIA, 1993–1999

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
MW-2	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	--	--	--	--	--	--	--	--	--	--	--	
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	
	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.8	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	0.7	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	<0.5	<0.5	<0.5	<0.5	<50	<150	0.7	<0.5	<0.5	<0.5	--	
	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
	01/27/98	<0.5	<0.5	<0.5	<0.5	100	<150	--	--	--	--	<0.5	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--	--	<0.5	
	07/22/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<200**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	
MW-3	03/23/93	35	2.9	2	3.2	300	ND	--	--	--	--	--	
	07/27/93	97	1	4	1.1	220	ND	--	--	--	--	--	
	11/05/93	4.9	ND	ND	1.2	170	ND	--	--	--	--	--	
	02/25/94	42	<1	<1	<1	100	<1,000	--	--	--	--	--	
	06/03/94	120	8.2	8.4	4.5	320	<20,000	--	--	--	--	--	
	08/31/94	83	1.1	5.3	2.9	<500	<500	--	--	--	--	--	
	12/22/94	1,460	18	100	50	3,800	270	--	--	--	--	--	
	03/13/95	3,600	260	270	280	14,000	1,700	--	--	--	--	--	
	06/09/95	4,700	58	140	71	3,700	120	--	--	--	--	--	
	09/21/95	9,800	58	600	95	14,000	300	--	--	--	--	--	
	12/12/95	330	2.1	47	5.3	700	<50	--	--	--	--	--	
	03/12/96	350	4.6	23	8.7	600	<50	--	--	--	--	--	
	06/21/96	940	76	98	57	1,900	<50	--	--	--	--	--	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
MW-3	08/29/96	420	29	44	28	900	<150	--	--	--	--	--	
	01/16/97	1,600	270	120	194	3,600	700	<0.5	9.2	<0.5	<0.5	--	
	04/15/97	1,300	300	180	160	4,300	800	<0.5	16	<0.5	1.1	6.9	
	07/07/97	100	84	100	67	1,900	350	--	--	--	--	3.8	
	10/27/97	1,030	60	54	40	2,200	--	<0.5	2.4	<0.5	<0.5	3.1	
	01/27/98	1,070	98	73	69	3,200	--	--	--	--	--	3.9	
	04/22/98	610	56	49	54	1,800	--	<0.5	3.0	<0.5	<0.5	1.1	
	07/22/98	1,800	230	160	180	3,600	370	--	--	--	--	5.0	
	10/21/98	78	1.0	3.8	0.6	110	<250	<0.5	0.6	<0.5	<0.5	<0.5	
	07/23/99	**1,500**	**140**	**76.0**	**260**	**4,000**	**790**	**<0.5**	**1.0**	**<0.5**	**<0.5**	**5.60**	
	10/28/99	**1,100**	**43**	**58**	**102**	**3,000**	**600**	**<0.5**	**0.9**	--	**<0.5**	--	
MW-5	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-6	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	02/25/94	<1	<1	<1	3.5	<100	<1,000	--	--	--	--	--	
	06/03/94	2.7	<0.5	<0.5	<0.5	69	<20,000	--	--	--	--	--	
	08/31/94	<0.3	8.7	1.6	3.5	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	1.2	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	0.6	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	5.5	16	2.9	16	140	220	<0.5	6.3	<0.5	<0.5	--	
	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
MW-11	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
MW-12	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
MW-13	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
MW-15	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	430	<0.5	<0.5	<0.5	<0.5	<0.5	
	07/22/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<200**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	
MW-25	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	4.2	4.4	2.5	20	170	ND	--	--	--	--	--	
	02/25/94	2.1	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	2.4	14	<0.5	3.4	97	<20,000	--	--	--	--	--	
	08/31/94	0.5	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.58	<0.5	<0.5	<0.5	150	950	--	--	--	--	--	
	06/09/95	0.8	<0.5	<0.5	<0.5	<100	60	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	120	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	90	<150	--	--	--	--	--	
	01/16/97	0.6	<0.5	<0.5	<0.5	80	<150	25	41	<0.5	<0.5	--	
	07/07/97	<0.5	<0.5	<0.5	<0.5	140	<150	--	--	--	--	11	
	01/27/98	<0.5	<0.5	<0.5	<0.5	<100	--	--	--	--	--	10	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	24	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	340	28	59	<0.5	<0.5	28	h
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	27	72	<0.5	<0.5	27	i
	07/23/99	**1.80**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<200**	**30**	**58**	**<0.5**	**<0.5**	**23.0**	
	10/27/99	**<0.5**	**1.4**	**<0.5**	**1.0**	**<100**	**<200**	**35**	**47**	**--**	**<0.5**	**--**	
MW-26	03/23/93	180	190	55	330	7,000	1,300	ND	ND	ND	ND	--	
	07/27/93	470	96	30	80	1,800	ND	ND	140	ND	ND	--	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
MW-26	11/05/93	4,700	1,300	9	1,400	19,000	ND	ND	120	ND	ND	--	
	02/25/94	4,800	570	200	860	14,000	<1,000	<1	28	<1	<1	--	
	06/03/94	4,100	300	120	230	12,000	<20,000	1.7	140	<0.5	<0.5	--	c
	08/31/94	4,100	360	170	450	93,000	1,400	<4.0	<4.0	<4.0	<4.0	--	
	12/22/94	1,030	170	85	290	5,000	560	<2.0	<2.0	<2.0	<2.0	--	d
	03/13/95	320	19	23	66	3,000	810	53	5.8	<0.5	<0.5	--	
	06/09/95	14,000	64	31	230	10,800	310	240	3.1	1	<0.5	--	
	09/21/95	1,900	160	160	330	8,000	200	1.3	120	<0.5	<0.5	--	
	12/12/95	13,000	38	36	120	25,000	0.6	1.4	180	<0.5	<0.5	--	b
	03/12/96	9,000	33	30	65	4,400	<50	<0.5	180	<0.5	<0.5	--	
	06/21/96	14,000	27	16	66	5,400	<50	3.2	170	<0.5	<0.5	--	
	08/29/96	8,500	26	28	74	19,000	<150	<0.5	160	<0.5	<0.5	--	
	01/16/97	6,500	21	31	47	4,600	--	4.3	>50	<0.5	<0.5	26	
	04/15/97	16,000	33	40	160	26,000	2,200	3.5	97	<0.5	2.4	40	e
	07/07/97	22,000	44	170	200	28,000	1,100	<5.0	<5.0	<5.0	<5.0	95	
	10/27/97	16,000	26	100	37	30,000	--	3.6	92	<0.5	<0.5	38	
	01/27/98	23,600	<5.0	<5.0	<5.0	26,000	420	8.3	100	<0.5	<0.5	100	
	04/22/98	5,000	4.3	9.2	16	14,000	--	13	130	<0.5	<0.5	27	
	07/22/98	3,800	5.7	6.9	11	5,200	750	10	110	--	<1.0	33	
	10/21/98	420	<0.5	2.1	2.7	820	<250	24	82	<0.5	<0.5	31	
	02/05/99	20	<0.5	0.60	0.80	230	230	10	51	<0.5	<0.5	29	
	04/07/99	<0.5	<0.5	<0.5	<0.5	80	<250	15	54	<0.5	<0.5	25	
	07/23/99	**7.10**	**<0.5**	**<0.5**	**0.80**	**180**	**<200**	**12**	**32**	**<0.5**	**<0.5**	**12.0**	
	10/27/99	**14**	**1.4**	**2.9**	**7.8**	**400**	**<200**	**13**	**30**	**--**	**<0.5**	**--**	
MW-27	06/21/96	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5	6.8	<0.5	<0.5	--	
	08/29/96	--	--	--	--	--	--	--	--	--	--	--	
	01/16/97	12	5.0	<0.5	2.6	70	<150	<0.5	5.7	<0.5	<0.5	--	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	<1.0	1.4	--	<1.0	<0.5	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	0.7	<0.5	<0.5	<0.5	
	07/23/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<200**	**<0.5**	**0.7**	**<0.5**	**<0.5**	**<0.5**	
	10/27/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<100**	**<200**	**<0.5**	**<0.5**	**--**	**<0.5**	**--**	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
MW-28	03/23/93	ND	ND	ND	ND	110	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	ND	2.1	ND	ND	--	--	--	--	--	
	02/25/94	<1	<1	<1	<1	<100	<1	--	--	--	--	--	
	06/03/94	3.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	
	08/31/94	1.4	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.91	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	18	20	2.2	13	220	<150	5.1	85	<0.5	<0.5	8.2	
	04/15/97	<0.5	<0.5	<0.5	<0.5	120	<150	1.1	150	<0.5	<0.5	7.1	
	07/07/97	<0.5	<0.5	<0.5	<0.5	110	<150	<5.0	170	<5.0	<5.0	7.2	
	10/27/97	3.6	<0.5	<0.5	<0.5	300	--	6.2	120	<0.5	<0.5	36	
	01/27/98	7.6	<0.5	<0.5	<0.5	500	<150	--	--	--	--	56	
	04/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	1.0	89	<0.5	<0.5	8.6	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	<1.0	85	--	<1.0	18	
	10/21/98	<0.5	<0.5	<0.5	<0.5	<50	<250	0.5	80	<0.5	<0.5	12	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	32	29	<0.5	<0.5	5.0	h
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	<0.5	62	<0.5	<0.5	4.5	
	07/23/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<200**	**<0.5**	**50**	**<0.5**	**<0.5**	**1.80**	
	10/27/99	**--**	**--**	**--**	**--**	**--**	**<200**	**--**	**--**	**--**	**--**	**--**	
	11/02/99	**0.7**	**<0.5**	**<0.5**	**<0.5**	**<100**	**--**	**<0.5**	**32**	**--**	**<0.5**	**--**	
MW-29	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	2.1	11	ND	ND	--	--	--	--	--	
	02/25/94	<1	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	<0.5	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
MW-29	08/31/94	<0.3	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.59	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	6.6	8.9	0.6	9.3	120	<150	47	24	<0.5	<0.5	1.8	
	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	52	21	<5.0	<5.0	1.2	
	01/27/98	<0.5	<0.5	<0.5	<0.5	100	<150	--	--	--	--	8.0	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	<250	12	29	--	<1.0	7.8	
	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	68	<0.5	<0.5	8.5	
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	30	38	<0.5	<0.5	4.9	j
	07/23/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<200**	**44**	**33**	**<0.5**	**1.9**	**4.70**	**k, l**
	10/27/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<100**	**<200**	**36**	**23**	--	**<0.5**	--	
MW-30	03/23/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	07/27/93	ND	ND	ND	ND	ND	ND	--	--	--	--	--	
	11/05/93	ND	ND	ND	2.8	ND	ND	--	--	--	--	--	
	02/25/94	1.3	<1	<1	<1	<100	<1,000	--	--	--	--	--	
	06/03/94	1.1	<0.5	<0.5	<0.5	<50	<20,000	--	--	--	--	--	
	08/31/94	0.8	<0.3	<0.3	<0.6	<500	<500	--	--	--	--	--	
	12/22/94	0.6	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	a
	03/13/95	0.98	<0.5	<0.5	<0.5	<50	<400	--	--	--	--	--	
	06/09/95	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	09/21/95	<0.5	<0.5	<0.5	<0.5	<50	<50	--	--	--	--	--	
	12/12/95	<0.5	<0.5	<0.5	<1.0	<100	<50	--	--	--	--	--	
	03/12/96	<0.5	<0.5	<0.5	<0.5	<100	<50	--	--	--	--	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	--	
	01/16/97	<0.5	<0.5	<0.5	0.6	80	<150	<0.5	<0.5	<0.5	0.9	--	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
MW-30	07/07/97	<0.5	<0.5	<0.5	<0.5	<50	<150	--	--	--	--	<0.5	
	01/27/98	5.4	<0.5	<0.5	<0.5	100	--	--	--	--	--	<0.5	
	07/22/98	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--	--	<0.5	
	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
	07/22/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**--**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	
	10/28/99	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<100**	**<200**	**<0.5**	**<0.5**	**--**	**<0.5**	**--**	
MW-32	03/23/93	391	6.2	3.1	9	440	ND	ND	60	ND	ND	--	
	07/27/93	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	--	
	11/05/93	20	ND	1.8	2.1	170	ND	ND	7.9	ND	ND	--	
	02/25/94	5.6	<1	<1	<1	<100	<1,000	<1	<1	<1	<1	--	
	06/03/94	120	1.3	<0.5	1.4	350	<20,000	<0.5	11	<0.5	<0.5	--	
	08/31/94	39	0.5	2.2	1.2	<500	<500	<4.0	10	<4.0	<4.0	--	
	12/22/94	4.8	<0.5	<0.5	<0.5	<50	<50	<2.0	4.6	<2.0	<2.0	--	a
	03/13/95	220	3.6	6.5	5.8	1,100	<400	<0.5	16	<0.5	<0.5	--	
	06/09/95	1,500	7.9	43	14	2,200	180	0.7	<0.5	0.5	<0.5	--	
	09/21/95	1,200	2.4	72	4.5	2,300	60	<0.5	6.7	<0.5	1.4	--	
	12/12/95	230	<0.5	8.9	<1.0	500	<50	<0.5	28	<0.5	<0.5	--	
	03/12/96	40	<0.5	1.7	<0.5	110	<50	<0.5	6.8	<0.5	<0.5	--	
	06/21/96	--	--	--	--	--	--	--	--	--	--	--	
	08/29/96	150	<0.5	49	<0.5	700	<150	<0.5	27	<0.5	<0.5	--	
	01/16/97	14	<0.5	1.9	<0.5	150	<150	<0.5	10	<0.5	0.7	--	f
	07/07/97	370	11	110	21	1,600	190	--	--	--	--	11	g
	01/27/98	13	<0.5	1.0	<0.5	300	--	<0.5	7.5	<0.5	<0.5	2.5	
	07/22/98	700	55	88	66	2,300	--	--	--	--	--	14	
	07/22/99	**59.0**	**0.80**	**1.80**	**<0.5**	**900**	**220**	**<0.5**	**5.9**	**<0.5**	**<0.5**	**8.70**	
	10/28/99	**95**	**2.5**	**2.1**	**1.6**	**500**	**<200**	**<0.5**	**12**	**--**	**<0.5**	**--**	
MW-33	04/07/99	0.60	<0.5	0.90	<0.5	<50	<250	--	--	--	--	<0.5	
	07/22/99	**8.90**	**<0.5**	**1.00**	**<0.5**	**<50**	**<200**	**0.6**	**0.7**	**<0.5**	**<0.5**	**<0.5**	
	10/28/99	**40**	**0.9**	**21**	**3.8**	**200**	**<200**	**0.8**	**1.3**	**--**	**<0.5**	**--**	
MW-?	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	430	--	--	--	--	<0.5	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
PR-26	07/26/99	20,000	15,000	1,100	7,250	82,500	11,000	--	--	--	--	33.0	
	10/26/99	28,000	25,000	2,300	8,400	110,000	60,000	<0.5	24	--	<0.5	--	
PR-45	07/26/99	13,200	8,200	2,600	15,600	82,500	39,000	--	--	--	--	35.0	
	10/28/99	12,000	8,200	1,700	8,500	45,000	25,000	<0.5	<0.5	--	<0.5	--	
PR-52	07/26/99	12,000	1,720	750	12,400	172,000	40,000	<0.5	1.8	<0.5	<0.5	217	m
	10/28/99	19,000	530	1,800	5,800	40,000	450,000	<0.5	<0.5	--	<0.5	--	
PR-53	07/26/99	31,000	12,000	1,900	8,800	110,000	98,000	<0.5	43	<0.5	<0.5	43.0	n
	10/27/99	17,000	3,900	890	3,320	54,000	16,000	<0.5	18	--	<0.5	--	
PR-54	07/26/99	32,000	22,000	1,500	21,800	170,000	28,000	<0.5	3.0	<0.5	<0.5	56.0	o
	10/26/99	27,000	10,000	3,700	19,500	190,000	350,000	<0.5	<0.5	--	<0.5	--	
PR-64	07/26/99	22,000	18,000	1,700	10,300	110,000	--	<0.5	130	<0.5	<0.5	35.0	p
	10/27/99	11,000	7,400	1,200	3,900	66,000	50,000	<0.5	110	--	<0.5	--	
PR-65	07/26/99	12,000	1,400	1,300	13,000	68,000	16,500	<0.5	2.6	<0.5	<0.5	20.0	
	10/26/99	14,000	2,300	1,800	11,000	65,000	50,000	<0.5	<0.5	--	<0.5	--	
PR-68	07/26/99	1,900	24.0	27.0	62.0	4,900	11,000	<0.5	1.2	<0.5	<0.5	4.40	
	10/26/99	2,800	36	86	62	8,000	2,800	<0.5	<0.5	--	<0.5	--	
PR-76	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	
V-24	04/07/99	<0.5	<0.5	<0.5	<0.5	120	<250	--	--	--	--	0.5	
V-31	07/26/99	7,000	600	550	1,370	17,500	5,350	--	--	--	--	19.0	
	10/26/99	7,000	120	850	950	18,000	3,000	<0.5	<0.5	--	<0.5	--	
V-46	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	270	<0.5	<0.5	<0.5	<0.5	<0.5	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
V-55	07/22/99	8,000	480	740	2,880	30,000	2,100	<0.5	<0.5	<0.5	<0.5	13.0	
	10/28/99	11,000	59	1,200	317	28,000	38,000	<0.5	<0.5	--	<0.5	--	
V-72	07/26/99	13,500	6.80	1.10	3.90	3,900	12,900	<0.5	11	<0.5	<0.5	<0.5	
	10/28/99	2,900	58	21	47.7	6,000	48,000	<0.5	3.4	--	<0.5	--	
V-84	07/26/99	2,400	440	80.0	340	8,700	2,350	<0.5	2.4	<0.5	<0.5	6.40	
	10/26/99	1,100	130	46	108	4,000	700	<0.5	<0.5	--	<0.5	--	
29 (CC-1)	07/23/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
30 (CC-2)	07/22/99	0.90	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/28/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
81	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	<150	<0.5	<0.5	<0.5	<0.5	<0.5	
	07/22/99	0.70	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
94	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	170	--	--	--	--	<0.5	
	07/22/99	<0.5	<0.5	<0.5	<0.5	<50	<200	<0.5	<0.5	<0.5	<0.5	<0.5	
210	02/05/99	<0.5	<0.5	<0.5	<0.5	<50	960	--	--	--	--	<0.5	
223	10/26/99	<0.5	<0.5	<0.5	<0.5	<100	<200	<0.5	<0.5	--	<0.5	--	
224	07/26/99	<0.5	<0.5	<0.5	<0.5	<50	640	<0.5	<0.5	<0.5	<0.5	<0.5	
239	07/26/99	55,000	85.0	1,500	190	30,000	--	<0.5	<0.5	<0.5	<0.5	5.30	
	10/26/99	23,000	53	1,500	103.2	28,000	10,000	<0.5	<0.5	--	<0.5	--	
241	04/07/99	<0.5	<0.5	<0.5	<0.5	<50	<250	--	--	--	--	<0.5	

TABLE 3 (continued)

Well No.	Date Sampled	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	1,1-DCA	1,2-DCA	1,1,1-TCA	TCE	MTBE	Notes
249	**07/22/99**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<50**	**<200**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	

Notes:
a. Non-diesel peak reported.
b. No diesel pattern detected; result due to high gasoline concentration.
c. Bromodichloromethane detected, 0.84 µg/L.
d. 8 other volatiles detected by 8260.
e. cis-1,2-DCE detected, 0.7 µg/L.
f. cis-1,2-DCE detected, 0.8 µg/L.
g. Values for benzene and ethylbenzene are estimated.
h. 1,1-DCE detected, 0.9 µg/L.
i. 1,1-DCE detected, 1.6 µg/L.
j. 1,1-DCE detected, 1.4 µg/L.
k. 1,1-Dichloroethene detected at 2.3 µg/L.
l. cis-1,2-Dichloroethene detected at 2.3 µg/L.
m. Methylene chloride detected at 7.9 µg/L.
n. Methylene chloride detected at 6.2 µg/L.
o. Methylene chloride detected at 2.5 µg/L.
p. Methylene chloride detected at 1.4 µg/L.

ND	Not detected.
--	Not analyzed or not sampled.
µg/L	Micrograms per liter.
TPH-g	Total Petroleum Hydrocarbons as gasoline.
TPH-d	Total Petroleum Hydrocarbons as diesel.
1,1-DCA	1,1-Dichloroethane.
1,2-DCA	1,2-Dichloroethane.
1,1-DCE	1,1-Dichloroethene.
1,1,1-TCA	1,1,1-Trichloroethane.
c 1,2-DCE	cis 1,2-Dichloroethylene.
TCE	Trichloroethene.
MTBE	Methyl t-butyl ether.

TABLE 4 OPERATION AND PERFORMANCE DATA- GROUNDWATER EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours of Operation	Percent Operational[1]	Flow Total (gallons)	Average Operational Flow Rate (gpm)[2]	Total Influent TPH Conc. (µg/L)	Est. Pounds TPH in Water Removed[3]	Est. Cumulative Pounds Free Product Removed[4]	Notes
8/28/97	15.0	NA	700	NM		0.00	0	Startup and testing. Repair needed.
9/24/97	0.0	0%	NM	NM		NM	0	
10/8/97	0.0	0%	NM	NM		NM	0	
10/22/97	0.0	0%	NM	NM		NM	0	
10/24/97	0.0	0%	NM	NM		NM	0	
11/4/97	0.2	0%	NM	NM	471,000	NM	0	Restart after repairs.
11/11/97	0.0	0%	1,440	NM		2.34	0	2 x 200 lb LGAC changed out
11/12/97	2.0	8%	1,446	0.05	286,000	0.02	0	
11/14/97	2.6	5%	1,820	2.40		1.09	209	
11/17/97	3.7	5%	2,610	3.56		2.30	209	
11/18/97	0.7	3%	2,820	5.00		0.61	209	
11/25/97	2.8	2%	2,870	NM		0.15	209	
12/5/97	3.0	1%	3,890	5.67		2.97	209	2 more 200 lb LGAC added in series
12/9/97	1.7	2%	4,380	4.80		1.43	209	
12/12/97	2.3	3%	4,900	3.77		1.51	209	
12/15/97	0.3	0%	5,020	6.67		0.35	209	
1/19/98	0.0	0%	NM	NM		NM	209	
1/28/98	0.0	0%	NM	NM		NM	209	
2/10/98	1.7	1%	5,369	NM	412,000	1.01	217	Restarted after additional repairs.
2/11/98	11.6	47%	7,830	3.54		10.59	217	Shut down for VGAC changeout
2/24/98	0.6	0%	7,980	4.17		0.65	217	Restart
2/25/98	11.6	49%	10,855	4.13	620,000	12.37	217	
2/26/98	1.9	8%	11,384	4.64		2.65	222	LGAC high pressure shutdown
2/27/98	2.3	9%	12,041	4.76		3.30	231	LGAC high pressure shutdown
2/27/98	1.7	93%	12,271	2.25		1.15	231	
2/27/98	2.2	50%	12,790	3.93		2.60	231	Shut down for weekend.
3/2/98	0.3	0%	13,080	16.11		1.46	231	Restart, open Line #2
3/3/98	12.1	50%	16,211	4.31		15.71	231	Shut down for LGAC, VGAC changeout
3/4/98	0.5	2%	16,400	6.30		0.95	231	Restart, 2x200lb LGAC changed out
3/5/98	8.2	48%	18,750	4.78	584,000	11.79	231	
3/6/98	8.0	25%	21,195	5.09		10.19	240	False high level in Tank #3. Restarted
3/7/98	10.6	49%	23,968	4.36		11.56	240	
3/8/98	11.5	53%	26,380	3.50		10.05	240	
3/9/98	11.6	50%	28,980	3.74		10.84	240	
3/10/98	15.8	57%	32,094	3.28	416,000	12.98	463	Shut down for VGAC and LGAC changeout.
3/13/98	0.6	1%	32,293	5.53		0.37	463	Restart, 3 x 200 lb LGAC changed out
3/13/98	2.6	43%	32,850	3.57		1.04	463	Shut down for weekend.
3/16/98	0.3	0%	33,055	11.39		0.38	463	Restarted after weekend.
3/17/98	9.4	45%	34,792	3.08		3 23	463	
3/18/98	9.3	36%	37,139	4.21	30,000	4.36	498	
3/19/98	12.2	44%	39,437	3.14		1.40	498	
3/20/98	7.3	33%	41,135	3.88		1.03	498	Shut down for weekend.
3/23/98	0.3	0%	41,155	1.11		0.01	498	Restarted after weekend.
3/24/98	9.0	41%	43,100	3.60		1.18	498	
3/25/98	4.1	20%	44,178	4.38	116,000	0.66	498	Separation samples collected
3/26/98	11.2	47%	46,200	3.01		1.31	498	Separation samples collected
3/27/98	10.0	38%	48,445	3.74		1.46	498	Shut down for weekend.

TABLE 4 OPERATION AND PERFORMANCE DATA- GROUNDWATER EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours of Operation	Percent Operational[1]	Flow Total (gallons)	Average Operational Flow Rate (gpm)[2]	Total Influent TPH Conc. (µg/L)	Est. Pounds TPH in Water Removed[3]	Est. Cumulative Pounds Free Product Removed[4]	Notes
3/30/98	0.5	1%	48,656	7.03		0.14	498	
3/31/98	12.3	51%	51,166	3.40	40,000	1.63	498	
4/1/98	8.5	36%	52,750	3.11		0.47	498	Shut down for vapor phase carbon changeout.
4/6/98	0.0	0%	53,098	0.00		0.10	274	Restart after changeout. Drained water from product tank.
4/7/98	12.8	68%	54,971	2.44		0.56	274	
4/8/98	13.5	61%	57,087	2.61		0.63	274	Shut down for upgrades to system
4/8/98	0.9	17%	57,515	7.93	31,500	0.13	274	
4/9/98	12.1	56%	59,670	2.97		0.72	274	
4/10/98	10.4	46%	61,678	3.22		0.67	274	Shut down for the weekend.
4/13/98	0.5	1%	61,932	8.47		0.08	274	Restart after weekend
4/14/98	4.7	22%	63,462	5.43		0.51	274	Shut down from clogged filter
4/15/98	10.0	44%	66,411	4.92	48,500	0.98	274	
4/16/98	9.6	40%	69,230	4.89		1.40	274	Shut down from clogged filter
4/17/98	10.1	37%	72,380	5.20		1.57	274	Shut down from clogged filter. Shut down for weekend
4/20/98	2.3	3%	72,751	2.69		0.18	274	Restarted after weekend.
4/21/98	3.4	14%	74,261	7.40		0.75	274	Shut down from clogged filter
4/22/98	2.0	9%	NM	NM	71,000	NM	274	Shut down from clogged filter
4/23/98	8.9	46%	76,970	4.14		1.50	274	Shut down for VGAC and LGAC changeout.
4/29/98	1.6	1%	77,820	8.85		0.47	327	Restart after GAC changeout
4/30/98	1.6	8%	78,320	5.21		0.28	327	Filter fouling.
5/1/98	1.8	7%	79,136	7.56		0.45	327	Filter fouling. Shut down for weekend
5/4/98	1.3	2%	79,290	1.97	61,600	0.09	327	Restart after weekend
5/5/98	9.4	43%	81,382	3.71		0.71	327	
5/6/98	15.1	53%	84,062	2.96		0.91	327	
5/7/98	8.6	47%	86,055	3.86		0.68	327	
5/8/98	14.2	47%	89,207	3.70		1.07	327	
5/11/98	16.2	24%	92,465	3.35		1.11	327	System operated over weekend. Shutdown from low water level in separator #2.
5/12/98	4.9	23%	93,541	3.66		0.37	327	
5/13/98	6.1	19%	94,944	3.83		0.48	327	
5/14/98	8.3	50%	96,655	3.44	19,900	0.58	327	
5/15/98	16.3	52%	99,890	3.31		0.54	327	Shut down for vapor breakthrough
6/1/98	0.3	0%	99,930	2.22		0.01	347	
RESTART SYSTEM WITH THERMAL OXIDIZER						0.00	0	
9/16/98	7.4	0%	100,470	1.22		8.04	347	
9/17/98	3.9	14%	100,520	0.21		0.00	347	
9/20/98	2.1	3%	100,630	0.87		0.01	347	
9/21/98	21.4	98%	101,980	1.05	9,600	0.11	698	
9/23/98	10.0	21%	102,700	1.20		0.05	569	
9/25/98	24.2	51%	104,570	1.29		0.14	569	
9/28/98	2.2	3%	104,920	2.65		0.03	569	
9/30/98	15.8	31%	106,450	1.61		0.11	569	
10/2/98	12.4	27%	107,350	1.21		0.07	569	
10/5/98	72.3	98%	113,720	1.47		0.48	569	
10/7/98	5.5	11%	114,150	1.30	8,300	0.03	569	

TABLE 4 OPERATION AND PERFORMANCE DATA- GROUNDWATER EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours of Operation	Percent Operational[1]	Flow Total (gallons)	Average Operational Flow Rate (gpm)[2]	Total Influent TPH Conc. (µg/L)	Est. Pounds TPH in Water Removed[3]	Est. Cumulative Pounds Free Product Removed[4]	Notes
10/9/98	44.7	97%	119,490	1.99		3.28	569	
10/12/98	74.9	100%	125,060	1.24		3.42	569	
10/14/98	29.8	67%	131,310	3.50		3.84	569	
10/16/98	26.4	52%	133,680	1.50		1.45	569	
10/19/98	1.6	2%	133,820	1.46		0.09	569	
10/21/98	3.5	8%	134,140	1.52		0.20	569	
10/22/98	5.9	24%	134,730	1.67		0.36	569	
10/23/98	26.5	99%	137,250	1.58		1.55	569	
10/26/98	73.4	101%	140,510	0.74	138,900	2.00	569	
10/28/98	45.4	99%	NM	NM		NM	569	
10/30/98	22.1	44%	146,360	4.41		7.32	569	
11/2/98	28.5	40%	150,710	2.54		5.45	569	
11/4/98	14.7	29%	153,050	2.65		2.93	569	
11/6/98	17.1	37%	155,490	2.38		3.05	569	
11/9/98	31.8	44%	160,010	2.37		5.66	569	
11/11/98	31.5	71%	165,613	2.96	161,400	7.01	569	
11/13/98	51.5	99%	172,640	2.27		5.74	569	Shut down for LGAC changeout
11/16/98	2.0	3%	172,880	2.00		0.20	569	
11/18/98	6.8	16%	174,290	3.46		1.15	569	
11/20/98	48.5	98%	180,470	2.12		5.05	569	
11/23/98	71.2	100%	188,889	1.97	34,600	6.88	569	
11/25/98	46.0	100%	193,870	1.80		4.28	538	
11/30/98	54.0	44%	199,480	1.73		4.82	538	
12/2/98	43.1	98%	204,290	1.86		4.13	538	
12/4/98	52.0	97%	210,350	1.94		5.21	538	
12/7/98	31.1	47%	214,040	1.98		3.17	538	High level in equalization tank.
12/9/98	32.0	65%	217,710	1.91	171,500	3.15	538	Repaired air leak after transfer pump.
12/11/98	31.5	60%	221,050	1.77		5.23	538	High level in equalization tank.
12/14/98	41.9	60%	225,440	1.75		6.87	538	Power outage
12/16/98	21.5	50%	227,830	1.85		3.74	538	High level in equalization tank.
12/18/98	3.1	6%	228,560	3.92		1.14	538	Flame out on oxidizer
12/21/98	23.8	33%	232,190	2.54		5.68	538	Flame out on oxidizer
12/23/98	5.3	12%	233,200	3.18	203,800	1.58	538	High level in equalization tank.
12/24/98	25.8	100%	237,030	2.47		3.50	538	
12/28/98	38.4	40%	242,010	2.16		4.55	538	High level in equalization tank.
12/30/98	49.1	99%	247,990	2.03		5.47	538	
12/31/98	20.0	100%	250,090	1.75		1.92	538	
1/4/99	53.6	55%	256,290	1.93		5.67	538	Shut down for carbon changeout.
1/11/99	1.4	1%	256,480	2.26		0.17	538	Restarted system, Opened all wells except PR21 and PR36.
1/13/99	45.9	100%	260,300	1.39		3.49	538	
1/15/99	44.0	86%	265,170	1.84		4.45	538	High level in equalization tank.
1/18/99	65.0	95%	271,330	1.58		5.63	538	High level in holding tank
1/20/99	46.4	100%	275,614	1.54	15,480	3.92	538	Collected samples
1/22/99	48.5	99%	280,007	1.51		9.02	538	
1/25/99	65.9	92%	286,368	1.61		13.06	538	High level in equalization tank.
1/29/99	53.8	56%	290,810	1.38		9.12	538	
2/1/99	68.7	93%	298,466	1.86		15.72	538	
2/3/99	46.1	100%	303,767	1.92		10.89	538	
2/5/99	51.0	100%	309,597	1.91		11.97	538	
2/9/99	3.2	3%	310,180	3.04		1.20	538	
2/10/99	22.2	96%	312,250	1.55		4 25	538	

TABLE 4 OPERATION AND PERFORMANCE DATA- GROUNDWATER EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours of Operation	Percent Operational[1]	Flow Total (gallons)	Average Operational Flow Rate (gpm)[2]	Total Influent TPH Conc. (µg/L)	Est. Pounds TPH in Water Removed[3]	Est. Cumulative Pounds Free Product Removed[4]	Notes
2/12/99	30.1	61%	314,160	1.06		3.92	538	Flame out on oxidizer.
2/15/99	69.9	99%	322,821	2.07		17.79	538	Final site visit
3/4/99	2.0	0%	322,960	1.16		0.29	538	Restarted system
3/8/99	6.7	7%	323,980	2.54		2.09	538	Flame out on oxidizer, motor starter tripped.
3/11/99	27.4	38%	327,090	1.89	477,200	6.39	538	High level in holding tank, pump switch was turned off.
3/12/99	5.6	19%	328,030	2.80		2.40	538	Flameout on oxidizer.
3/15/99	68.0	100%	335,900	1.93		20.11	538	
3/17/99	42.8	89%	340,830	1.92		12.60	538	Hi level in equalization tank.
3/19/99	47.7	99%	345,970	1.80		13.13	538	Shut down for pulsing.
4/5/99	96.6	24%	358,875	2.23		32.98	538	
4/7/99	47.5	100%	363,596	1.66		12.06	538	
4/9/99	18.6	36%	365,900	2.06		5 89	538	Hi level in equalization tank.
4/12/99	33.9	50%	370,320	2.17		11.29	538	Hi level in equalization tank.
4/14/99	32.1	68%	374,520	2.18	135,800	10.73	538	Hi level in equalization tank.
5/10/99	175.5	28%	380,100	0.53		4.04	538	Low level in separator #2
5/12/99	40.2	91%	384,170	1.69		2.95	538	Hi level in equalization tank.
5/14/99	28.8	56%	387,960	2.19		2.75	538	Hi level in equalization tank.
5/17/99	69.4	100%	395,010	1.69		5.11	538	
5/19/99	49.7	100%	400,140	1.72	38,100	3.72	538	
5/21/99	50.1	103%	404,530	1.46		2.53	538	
6/1/99	3.6	1%	404,760	1.06		0.13	538	
6/4/99	39.7	53%	408,230	1.46		2.00	538	
6/11/99	1.1	1%	408,300	1.06		0.04	538	
6/14/99	57.8	85%	413,080	1.38	100,100	2.75	538	
6/16/99	48.3	100%	416,640	1.23		2.04	538	
6/18/99	49.8	99%	420,680	1.35		2.31	538	
6/25/99	2.4	1%	420,920	1.67		0.14	538	
6/28/99	67.4	97%	426,360	1.35		3.12	538	GAC changeout
6/30/99	6.4	14%	426,860	1.30		0.29	538	
7/2/99	50.8	100%	431,820	1.63		2.84	538	
7/9/99	2.2	1%	432,050	1.74		0.13	538	
7/12/99	41.6	58%	436,090	1.62		2.31	538	
7/14/99	26.7	58%	438,770	1.67	37,300	1.53	538	
7/16/99	53.7	99%	443,440	1.45		1.19	538	
7/23/99	1.5	1%	443,690	2.78		0.06	538	
7/26/99	41.3	61%	447,560	1.56		0.99	538	
7/28/99	49.6	103%	451,640	1.37		1 04	538	
7/30/99	41.3	87%	455,630	1.61		1.02	538	
8/6/99	4.7	3%	455,770	0.50		0.04	538	
8/9/99	27.2	37%	457,970	1.35		0.56	538	
8/11/99	19.0	38%	NM	NM	24,000	0.34	538	
8/13/99	2.0	4%	459,320	11.25		0.19	538	
8/22/99	61.0	29%	462,910	0.98		0.50	538	
8/23/99	6.1	28%	463,360	1.23		0.06	538	
8/25/99	5.1	11%	464,130	2.52		0.11	538	
8/27/99	30.8	59%	467,150	1.63		0.42	538	
9/3/99	30.4	18%	470,100	1.62		0.41	538	
9/7/99	51.4	53%	472,070	0.64		0.27	538	
9/8/99	26.7	100%	474,630	1.60		0.36	538	
9/10/99	36.3	82%	477,520	1.33		0.40	538	
9/17/99	28.6	17%	480,590	1.79		0 43	538	
9/20/99	61.4	85%	485,559	1.35	9,300	0.69	538	

TABLE 4 OPERATION AND PERFORMANCE DATA- GROUNDWATER EXTRACTION SYSTEM NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours of Operation	Percent Operational[1]	Flow Total (gallons)	Average Operational Flow Rate (gpm)[2]	Total Influent TPH Conc. (µg/L)	Est. Pounds TPH in Water Removed[3]	Est. Cumulative Pounds Free Product Removed[4]	Notes
9/22/99	30 5	61%	489,450	2.13		0.21	538	
9/24/99	30.0	63%	493,540	2.27		0.22	538	
10/1/99	27.7	16%	497,190	2.20		0.20	538	
10/8/99	7.9	5%	497,970	1.65		0.04	538	
10/11/99	1.3	2%	498,220	3.21		0.01	538	
10/13/99	29.8	63%	501,830	2.02	3,600	0.19	538	
10/15/99	8.6	17%	502,650	1.59		0.06	538	
10/22/99	1.2	1%	502,870	3.06		0.02	538	
10/25/99	23.5	34%	505,610	1.94		0.21	538	
10/27/99	47.5	100%	511,910	2.21		0.48	538	
10/28/99	13.7	56%	513,390	1.80		0.11	538	
10/29/99	23.1	89%	516,240	2.06		0.22	538	
11/5/99	0.9	1%	516,360	2.22		0.01	538	
11/8/99	68.3	97%	523,260	1.68		0.53	538	
11/10/99	35.5	79%	526,800	1.66	14,800	0.27	538	
11/12/99	51 8	99%	531,570	1.53		0.97	538	
11/29/99	0.7	0%	531,700	3.10		0.03	538	
12/1/99	43.0	94%	534,350	1.03		0.54	538	
12/3/99	21.9	45%	536,180	1.39		0.37	538	
12/13/99	41.3	17%	539,620	1.39		0.70	538	
12/23/99	3.8	2%	539,910	1.27		0.06	538	
12/27/99	19.3	19%	541,990	1.80	33,900	0.42	538	
12/29/99	30.1	65%	544,870	1.59		0.81	538	
1/14/00	61.3	16%	551,120	1.70		1.77	538	
1/17/00	29.7	40%	554,140	1.69		0.85	538	
1/19/00	30.8	71%	557,120	1.61		0.84	538	
Total	**5022.0**		**557,120**			**619.15**	**538**	

1 Percent operational = hours of blower operation / days between readings * 24 hours/day * 100%

2 Average operational flow rate = total flow in period/hours of operation in period.

3 Est TPH Pounds Removed = Average Influent conc. (µg/L) [using latest sampling] * period flow total (gallons) * 1 lb/454 g * 1/1,000,000 * 3.785 L/gallon

4 Est. Cumulative Pounds Free Product Removed assumes all liquid tank is 100% product, specific gravity = 0 8

gpm = gallons per minute

Total TPH = Total of TPH-gas and TPH-diesel

µg/L = micrograms per liter

F:\Projects\Nestle Oakland\PUBLIC\O&M\TABLES\[O&MTABLE.XLS]Report Table (water)

TABLE 5 OPERATION AND PERFORMANCE DATA - VAPOR EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours Blower Operational	Percent Blower Operational	Average Oxidizer Flowrate (CFM)	FID Concentrations (ppmv) Oxidizer Influent (ppmv)	FID Concentrations (ppmv) Oxidizer Effluent (ppmv)	Estimated Pounds of TPH-g Removed*	Notes
8/28/97	15	NA	25	120	0	0.8	Startup and testing. Repair needed.
9/24/97	0	0.0%	NM	NM	NM	0.0	
10/8/97	0	0.0%	NM	NM	NM	0.0	
10/22/97	0	0.0%	NM	NM	NM	0.0	
10/24/97	0	0.0%	NM	NM	NM	0.0	
11/4/97	0.2	0.1%	53	>1000	0	1.8	Restart after repairs.
11/11/97	0	0.0%	NM	NM	NM	0.0	2,000 lb VGAC Change out.
11/12/97	2	8.2%	NM	>1000	0	27.4	
11/14/97	2.6	5.5%	50.5	16,000	0	36.0	
11/17/97	3.7	4.9%	NM	>10,000	0	50.7	VGAC flooded by water.
11/18/97	0.7	3.0%	NM	950	100	0.6	
11/25/97	2.8	1.7%	55	61,000	0	160.8	2,000 lb VGAC change out, restart.
12/5/97	3	1.3%	NM	NM	NM	245.9	
12/9/97	1.7	1.7%	76	42,000	60	113.9	
12/12/97	2.3	3.2%	67	13,000	0	72.5	
12/15/97	0.3	0.4%	70	52,000	0	11.7	
1/19/98	0	0.0%	NM	NM	NM	0.0	
1/28/98	0	0.0%	NM	NM	NM	0.0	
2/10/98	1.7	0.5%	55	110,000	0.2	176.0	Restarted after additional repairs.
2/11/98	11.6	47.3%	54	20,000	0.2	696.9	Shutdown for VGAC changeout.
2/24/98	0.6	0.2%	55.5	20,000	0.3	11.4	Restart, 2,000 lb VGAC changeout 2/23
2/25/98	11.6	49.4%	55	8,020	0.1	153.0	
2/26/98	1.9	7.7%	54.5	16,000	0	21.3	
2/27/98	2.3	9.4%	56	8,089	0	26.6	
2/27/98	1.7	92.7%	53	29,000	0	28.6	
2/27/98	2.2	49.8%	54	14,500	0	44.2	Shut down for weekend.
3/2/98	0.3	0.5%	65	9,360	0	4.0	Restart, open Line #2
3/3/98	12.1	50.4%	58.5	4,386	0	83.3	Shutdown for VGAC changeout.
3/4/98	0.5	1.6%	NM	23,000	0	6.4	Restart. 1,000 lb VGAC changeout.
3/5/98	8.2	47.5%	51.5	8,740	2 8	114.7	
3/6/98	8	25.2%	47.5	7,720	0	53.5	
3/7/98	10.6	49.1%	64.5	2,586	0	60.3	
3/8/98	11.5	53.5%	69	3,130	0.1	38.8	
3/9/98	11.6	50.4%	62	1,420	0	28.0	
3/10/98	15.8	56.6%	60	1,574	0	24.3	Shutdown for VGAC changeout.
3/13/98	0.6	0.9%	44	12,000	0	3.1	1,000 lb VGAC changeout
3/13/98	2.6	43.3%	50	8,100	0	22.4	Shutdown for weekend.
3/16/98	0.3	0.4%	55	10,400	0	2.6	Restart after weekend
3/17/98	9.4	45.3%	60	2,069	0	60.2	
3/18/98	9.3	36.4%	68	1,454	0	19.1	
3/19/98	12.2	44.2%	60	1,384	0	17.8	
3/20/98	7.3	32.9%	49	1,568	0	9.0	Shutdown for weekend
3/23/98	0.3	0.4%	60	6,510	0	1.2	Restart after weekend
3/24/98	9	40.8%	64	1,977	0	41.8	
3/25/98	4.1	20.2%	58	1,338	0	6.7	
3/26/98	11.2	47.0%	65	2,476	0 1	23.8	
3/27/98	10	37.5%	69	1,215	0	21.8	Shutdown for weekend.
3/30/98	0.5	0.7%	63	1,170	0.3	0.6	

TABLE 5 OPERATION AND PERFORMANCE DATA - VAPOR EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours Blower Operational	Percent Blower Operational	Average Oxidizer Flowrate (CFM)	FID Concentrations (ppmv) Oxidizer Influent (ppmv)	FID Concentrations (ppmv) Oxidizer Effluent (ppmv)	Estimated Pounds of TPH-g Removed*	Notes
3/31/98	12.3	50.7%	64	1,715	0	19.4	
4/1/98	8.5	35.8%	62	1,245	0	13.3	Shutdown for vapor phase carbon changeout
4/6/98	0	0.0%	59	2,190	0	0.0	Restart after changeout.
4/7/98	12.8	67.7%	66	1,090	0	23.7	
4/8/98	13.5	61.4%	64	1,000	0	15.5	
4/8/98	0.9	17.1%	56	1,230	0	1.0	Shut down for upgrades to system
4/9/98	12.1	56.1%	67	1,370	0	18.0	
4/10/98	10.4	46.4%	65	1,370	0	15.9	Shut down for the weekend.
4/13/98	0.5	0.7%	63	8,970	0	2.8	Restart after weekend
4/14/98	4.7	22.0%	62	2,650	0	29.0	
4/15/98	10	43.8%	71	1,180	0	23.3	
4/16/98	9.6	40.0%	69	1,930	0	17.6	
4/17/98	10.1	36.8%	56	2,036	0	19.2	Shut down for weekend
4/20/98	2.3	3.2%	60	2,240	0	5.0	Restarted after weekend.
4/21/98	3.4	13.6%	62	2,150	0	7.9	
4/22/98	2	8.7%	80	2,880	0	6.9	
4/23/98	8.9	46.2%	74	1,680	0	25.7	Shut down for VGAC and LGAC changeout.
4/29/98	1.6	1.1%	NM	3,680	0	4.6	Restart after GAC changeout
4/30/98	1.6	7.6%	52	6,000	0	6.9	
5/1/98	1.8	6.9%	93	988	0	10.0	Shut down for weekend
5/4/98	1.3	1.9%	94	1,126	0	2.2	Restart after weekend
5/5/98	9.4	42.7%	99.5	579	0.3	13.6	
5/6/98	15.1	52.7%	85	918	0	16.4	
5/7/98	8.6	47.3%	91.5	2,250	0	21.3	
5/8/98	14.2	47.5%	87	1,051	0	34.9	
5/11/98	16.2	23.7%	85	927	0	23.3	Discovered system operated over weekend
5/12/98	4.9	22.7%	84	2,433	0	11.8	
5/13/98	6.1	19.0%	85	1,193	0	16.1	
5/14/98	8.3	49.8%	98	771	0.5	13.7	
5/15/98	16.3	51.7%	81	685	0	16.5	Shut down system for vapor breakthrough
6/1/98	0.3	0.1%	87	4,253	0	1 1	
9/16/98	443.4	0.1%	87	NM	NM	NA	
9/17/98	3.9	13.6%	86	NM	NM	NA	
9/20/98	2.1	3.1%	84	2,286	NM	6.9	
9/21/98	21.4	98.0%	87.6	1,646	0.3	63.1	
9/23/98	10	21.1%	89.5	3,777	0.07	41.5	
9/25/98	24.2	50.5%	84.5	NM	NM	NA	
9/28/98	2.2	3.2%	73.5	1,094	NM	3.0	
9/30/98	15.8	31.5%	83	1,053	NM	23.6	
10/2/98	12.4	27.0%	67	382	6.07	10 2	
10/5/98	72.3	98.1%	94.5	2,430	2.38	164 4	
10/7/98	5.5	11.0%	88.5	884	0.03	13.8	
10/9/98	44.7	97.5%	85	3,230	0.21	133.8	
10/12/98	74.9	99.7%	86	3,934	0.15	394.9	
10/14/98	29.8	66.7%	94	1,711	0.09	135 3	
10/16/98	26.4	52.5%	66	854	2.7	38.2	

TABLE 5 OPERATION AND PERFORMANCE DATA - VAPOR EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours Blower Operational	Percent Blower Operational	Average Oxidizer Flowrate (CFM)	FID Concentrations (ppmv) Oxidizer Influent (ppmv)	FID Concentrations (ppmv) Oxidizer Effluent (ppmv)	Estimated Pounds of TPH-g Removed*	Notes
10/19/98	1.6	2.3%	74	557	1.4	1.4	
10/21/98	3.5	7.7%	76.5	707	0.32	2.9	
10/22/98	5.9	24.3%	NM	NM	NM	0.0	
10/23/98	26.5	98.6%	81.5	1,135	1.3	163.5	
10/26/98	73.4	100.0%	102	7,711	0.7	566.7	
10/28/98	45.4	99.3%	79	1,485	0.12	282.3	
10/30/98	22.1	44.0%	80	2,726	0.11	63.7	
11/2/98	28.5	40.0%	70	1,573	0	73.4	
11/4/98	14.7	29.3%	74.5	2,258	1.4	35.9	
11/6/98	17.1	37.0%	87	2,374	1.15	59.0	
11/9/98	31.8	43.8%	70	2,671	0	96.1	
11/11/98	31.5	71.3%	92	7,158	0.74	243.8	
11/13/98	51.5	99.4%	87.5	2,395	2.85	368.4	Shut down for LGAC changeout
11/16/98	2	2.7%	89.5	2,121	3.34	6.9	
11/18/98	6.8	15.6%	82	1,893	NM	19.2	
11/20/98	48.5	98.0%	82.5	1,507	2.9	116 4	
11/23/98	71.2	99.8%	91	1,433	3.7	163.0	
11/25/98	46	100.4%	92.5	1,848	2.1	119.5	
11/30/98	54	43.5%	91.5	2,814	2.9	197.1	
12/2/98	43.1	98.1%	93.5	1,108	3.1	135.3	
12/4/98	52	97.3%	76.5	2,640	3.2	127.6	
12/7/98	31.1	46.6%	84.5	4,105	3.9	151.7	
12/9/98	32	64.8%	88	834	1.8	119.0	
12/11/98	31.5	60.0%	93	1,043	1.1	47.1	
12/14/98	41.9	59.6%	83.5	3,170	2.8	126.2	Power outage
12/16/98	21.5	49.8%	89	1,593	1.9	78.0	
12/18/98	3.1	5.8%	84.8	905	2	5.6	Flame out on oxidizer.
12/21/98	23.8	33.4%	85.5	551	3.2	25.4	Flame out on oxidizer.
12/23/98	5.3	11.8%	82	605	3.8	4 3	
12/24/98	25.8	99.9%	90	595	1.9	23.8	
12/28/98	38.4	39.8%	85.5	1,684	2	64.0	
12/30/98	49.1	99.2%	89	443	1.8	79.5	
12/31/98	20	100.2%	87.5	580	1.9	15.3	
1/4/99	53.6	54.7%	83.5	3,664	2	162.5	Shut down for liquid carbon changeout.
1/11/99	1.4	0.8%	76	459	0 86	3.8	Restarted system, opened all wells except PR21 and PR36.
1/13/99	45.9	99 8%	97.5	615	0	41.1	
1/15/99	44	85.6%	93	603	0.3	42.6	
1/18/99	65	94.8%	91	735	0 3	67.7	
1/20/99	46.4	99.6%	91	753	0.8	53.8	
1/22/99	48.5	99.3%	91.5	738	1.2	56.6	
1/25/99	65.9	91.7%	93.5	681	0.4	74.8	
1/29/99	53.8	55.7%	85.5	207	1.1	35.0	
2/1/99	68.7	93.5%	87	195	1.5	20.6	
2/3/99	46.1	100.4%	81.5	429	0.4	20.0	
2/5/99	51	100.0%	93.5	415	2.1	34.4	
2/9/99	3.2	3.4%	87.5	213	1.4	1.5	
2/10/99	22.2	96.2%	92.5	110	1.1	5.7	

TABLE 5 OPERATION AND PERFORMANCE DATA - VAPOR EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours Blower Operational	Percent Blower Operational	Average Oxidizer Flowrate (CFM)	FID Concentrations (ppmv) Oxidizer Influent (ppmv)	FID Concentrations (ppmv) Oxidizer Effluent (ppmv)	Estimated Pounds of TPH-g Removed*	Notes
2/12/99	30.1	61.3%	89	130	0.7	5.5	Flame out on oxidizer.
2/15/99	69.9	98.7%	91	240	0.3	20.2	Final site visit before changing consultants.
3/4/99	2	0.5%	NM	493	3.7	0.0	Restarted system with new consultant
3/8/99	6.7	6.9%	89	193	0.5	3.5	Flame out on oxidizer, motor starter tripped.
3/11/99	27.4	38.1%	94.5	182	5	8.3	
3/12/99	5.6	19.4%	100	180	2.3	1.7	Flame out on oxidizer.
3/15/99	68	99.5%	97	180	5	20.3	
3/17/99	42.8	89.2%	98	3	0	6.6	Hi level in equalization tank.
3/19/99	47.7	99.4%	98	148	3.5	6.0	Shut down for pulsing.
4/5/99	96.6	23.7%	92	738	0.75	67.3	
4/7/99	47.5	100.2%	91.1	289	0	38.0	
4/9/99	18.6	35.8%	89	720	5	14.3	
4/12/99	33.9	49.6%	98	342	0.5	30.2	
4/14/99	32.1	68.4%	98.5	510	3.5	23.1	
5/10/99	175.5	27.9%	94.5	483	0	140.9	
5/12/99	40.2	91.5%	94.5	242	0.5	23.6	
5/14/99	28.8	56.4%	98.5	285	3.5	12.8	
5/17/99	69.4	99.5%	88.5	140	1.5	22.3	
5/19/99	49.7	100.2%	89.5	173	3	11.9	
5/21/99	50.1	103.3%	91.5	131	0.5	11.9	
6/1/99	3.6	1.4%	98	570	1.5	2.1	
6/4/99	39.7	53.1%	90.5	121	2	21.2	
6/11/99	1.1	0.7%	89.9	335	1.5	0.4	
6/14/99	57.8	85.0%	93	144	1	22.0	
6/16/99	48.3	100.5%	96	740	2.5	35.1	
6/18/99	49.8	99.3%	87.5	140	2	32.8	
6/25/99	2.4	1.4%	87.5	390	3	1.0	
6/28/99	67.4	97.0%	89	145	3	27.5	
6/30/99	6.4	13.6%	91	292	2	2.2	
7/2/99	50.8	100.4%	91	120	2	16.3	
7/9/99	2.2	1.3%	92.5	491	NA	1.1	
7/12/99	41.6	57.6%	90.5	319	NA	26.1	
7/14/99	26.7	58.1%	82.5	214	2.2	10 0	
7/16/99	53.7	99.2%	91.5	270	2.8	20.4	
7/23/99	1.5	0.9%	90.5	436	0	0.8	
7/26/99	41.3	60.7%	95.5	191	0	21.1	
7/28/99	49.6	102.8%	90	211	0.5	15.3	
7/30/99	41.3	86.8%	96.5	202	1.5	14.1	
8/6/99	4.7	2.8%	85.5	538	0	2.5	
8/9/99	27.2	37.4%	98	404	1.5	21.5	
8/11/99	19	38.4%	NM	NM	NM	NM	
8/13/99	2	4.0%	89	115	0	0.8	
8/22/99	61	28.6%	87.5	195	1	14.2	
8/23/99	6.1	28.3%	80	415	1	2.5	
8/25/99	5.1	11.1%	85.2	340	2	2.8	
8/27/99	30.8	59.1%	89.5	445	3	18 5	
9/3/99	30.4	18.3%	97	385	2	20 9	
9/7/99	51.4	52.7%	83.5	330	3	26 3	

TABLE 5 OPERATION AND PERFORMANCE DATA - VAPOR EXTRACTION SYSTEM
NESTLE' FORMER CARNATION FACILITY, 1310 14TH STREET, OAKLAND, CALIFORNIA

Date	Hours Blower Operational	Percent Blower Operational	Average Oxidizer Flowrate (CFM)	FID Concentrations (ppmv) Oxidizer Influent (ppmv)	FID Concentrations (ppmv) Oxidizer Effluent (ppmv)	Estimated Pounds of TPH-g Removed*	Notes
9/8/99	26.7	100.4%	89	325	2	13.3	
9/10/99	36.3	82.2%	86.5	520	0	22.7	
9/17/99	28.6	17.1%	89.5	350	NM	19.1	
9/20/99	61.4	84.8%	91.5	375	NM	34.9	
9/22/99	30.5	61.5%	86	452	0	18.6	
9/24/99	30	63.4%	87	652	1.6	24.7	
10/1/99	27.7	16.4%	81.5	720	1	26.5	
10/8/99	7.9	4.7%	NM	226	NM	11.2	
10/11/99	1.3	1.9%	94	NM	NM	0.7	
10/13/99	29.8	63.4%	91.5	448	1	15.7	
10/15/99	8.6	16.6%	84.5	342	2	4.9	
10/22/99	1.2	0.7%	92.5	414	2	0.7	
10/25/99	23.5	34.2%	90.5	330	3	13.5	
10/27/99	47.5	99.7%	97.5	428	2	30.0	
10/28/99	13.7	55.7%	97.5	475	5	10.3	
10/29/99	23.1	88.6%	94.5	NM	NM	17.9	
11/5/99	0.9	0.5%	96.5	484	4	0.7	
11/8/99	68.3	97.1%	97.5	489	3	55.4	
11/10/99	35.5	79.3%	89.7	478	2	26.4	
11/12/99	51.8	99.5%	88.5	NM	NM	32.4	
11/29/99	0.7	0.2%	98.6	348	4	0.5	
12/1/99	43	94.2%	97	284	1	22.6	
12/3/99	21.9	45.0%	96.5	282	3	10.2	
12/13/99	41.3	17.2%	98.5	NM	NM	16.0	
12/23/99	3.8	1.6%	93.5	NM	NM	1.4	
12/27/99	19.3	19.0%	98.5	179	1	7.5	
12/29/99	30.1	65.4%	98	294	2	11.9	
1/14/00	61.3	16.0%	99.8	327	2.8	32.5	
1/17/00	29.7	40.2%	97	247	3	14.2	
1/19/00	30.8	71.2%	98.9	335	3	15 2	
TOTAL	**5007**					**9550**	

CFM = cubic feet per minute
FID = Flame Ionization Detector
TPH-g = Total Petroleum Hydrocarbons, as Gasoline
ppmv = parts per million by volume

* Estimated Pounds TPH Removed = Average Influent conc.(ppmv) * Average flowrate (CFM) * Hours of Operation * 60 min/hour * 1/1,000,000 ppm * 110 g/mole * 1/24.055 L/mole * 1 lb/454 g * 28.32 L/ft3
(assuming average TPH-g molecular weight is 110 g/mole, at 20° C temperature)

Appendix A

Field Documents

Third Quarter 1999

ETIC Engineering, Inc.

MONITORING WELL DATA FORM

Client: *Nestle*

Project Number: *TMNEST.3*

Site Location: *1300 14th Street, Oakland, California*

Date: 7-21-99

Station Number: *Oakland Facility*

Samplers: *Chris Chatburn*

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC)	GENERAL FIELD COMMENTS
29	8.43				OK	12.25	2" *
30	8.80				↓	12.00	2" *
81	8.18				↓	14.97	2"
94	8.08				Broken LID	15.17	2"
223					OK		
239	8.22				↓	14.00	2"
249	8.85				↓	23.18	4"
254	5.44				~~Lock~~	5.74	Functionally Dry 4"
MW2	8.92				OK	23.00	4"
MW3	8.38				~~OK~~ Lock	24.70	4"
MW15	8.15				OK	9.40	2"
MW25	7.12				↓	19.62	4"
MW26	6.96				↓	25.00	4"
MW27	8.22				↓	23.60	4"
MW28	7.70				↓	25.20	4"
MW29	6.88				↓	23.05	4"
MW30	8.80				OK	20.80	4"
MW32	8.52				OK	23.00	4"
MW33	8.56					~~23.00~~ ~~24.00~~ 22	4"
PR26	8.27				~~OK~~ ~~H20~~	11.30	2" 7/26
PR41	DRY				LOCK	5.36	2"
PR52	8.70				LID	13.50	2"
PR54	8.52				OK	13.00	2"
PR68	8.25				~~OK~~	13.30	2"
V4	5.20				Lock	5.24	Functionally DRY

Note: Depth to bottom measured during first quarter unless noted.

ETIC
Engineering, Inc.

MONITORING WELL DATA FORM

Client: *Nestle*

Date: 7-21-99

Project Number: *TMNEST.3*

Station Number: *Oakland Facility*

Site Location:
1300 14th Street, Oakland, California

Samplers:
Chris Chatburn

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC)	GENERAL FIELD COMMENTS
V21	11.80				LOCK	4.92	Functional Dry 4"
V31	7.80				LOCK	10.10	4"
V55	7.76				LOCK	10.00	4"
V200	4.62				LOCK	5.16	4" Functional/Dry
V64 ~~VE4~~	5.36				LOCK	5.38	Functional Dry 4"
PR65	8.49				OK	13.70	2" 7/26
PR64	9.20				OK	13.10	2" 7/26
V84	9.14				LOCK	11.34	4" 7/26
224	8.20				LOCK TO BE REPLACED	10.20	4" 7/26
PR45	8.60				Replace cap/lock	13.80	2" 7/26
V72	9.90				LOCK	11.50	4" 7/26

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: 29 Date 7-23-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	12.25		8.43		3.82		0.16	0.64	1.44	.61		1.83

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .5 gpm

Time	1000	1002	1004				
Volume Purges (gal)	0	1	2				
Temperature (°C or F)	Le4	Le3	Le4				
pH	7.4	7.5	7.2				
Specific Conductivity (umhos)	200	200	200				
Turbidity / Color	med / cloudy	high / brown	high / brown	/	/	/	/
Odor	N	N	N				
Casing Volumes Removed	0	1.63	3.27				
Dewatered?	N	N	N				

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1015 Approx. Depth to Water During Sampling: 9'

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
29	4	VOA	HCL	40mL	med	brown	Y	TPHg BTEX MTBE	
29	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: 30 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	12.00		8.80		3.2		0.16	0.64	1.44	.51		1.53

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .25 gpm

Time	1235	1237	1239	1240			
Volume Purges (gal)	0	.5	1.5	1.75			
Temperature (°F)	62	62	62	62			
pH	6.5	6.6	6.4	6.5			
Specific Conductivity (umhos)	510	510	530	520			
Turbidity / Color	low / clear	med / cloudy	high / brown	high / brown	/	/	/
Odor	N	N	N	N			
Casing Volumes Removed	0	.98	2.9	3.43			
Dewatered?	N	N	N	N			

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1255 Approx. Depth to Water During Sampling: 9'

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
30	4	VOA	HCL	40mL			Y	TPHg BTEX MTBE	
30	1	none	NONE	1L			Y	TPH-d	

Total Purge Volume: 1.75 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: 81 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	14.97		8.18		6.79		0.16	0.64	1.44	1.08		3.24

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: 1 gpm

Time	1400	1401	1402	1404			
Volume Purges (gal)	0	1	2	4			
Temperature (°C) F	74.7	75.7	76.1	76.5			
pH	6.61	6.61	6.73	6.65			
Specific Conductivity (umhos)	854	856	893	895			
Turbidity / Color	low / clear	low / clear	low / clear	low / clear	/	/	/
Odor	N	N	N	N			
Casing Volumes Removed	0	.92	1.85	3.7			
Dewatered?	N	N	N	N			

Comments / Observations:

SAMPLING DATA

Time Sampled: 1415 Approx. Depth to Water During Sampling: 9 FT.

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
81	4	VOA	HCL	40ML	low	clear	Y	TPHg BTEX MTBE	
81	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 4 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) OK

Problems Encountered During Purging and Sampling: NO

Comments: TO Be Destroyed

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: 94 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	15.17		8.08		7.09		0.16	0.64	1.44	1.13		3.39

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .2-1 gpm

Time	1500	1509	1511				
Volume Purges (gal)	1	2	4				
Temperature (°C) F	81.4	77.1	78.0				
pH	6.73	6.74	6.70				
Specific Conductivity (umhos)	1,085	848	857				
Turbidity / Color	low clear	low clear	low clear				
Odor	N	N	N				
Casing Volumes Removed	1.88	1.76	3.53				
Dewatered?	N	N	N				

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1520 Approx. Depth to Water During Sampling: 9 FT.

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
94	4	VOA	HCL	40ML	Low	Clear	Y	TPHg BTEX MTBE	
94	1	NONE	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 4 GALLONS Disposal/Containment Method: ON SITE SYSTEM

Weather Conditions: SUNNY

Condition of Well Box and Casing at Time of Sampling: LID Broken

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

Problems Encountered During Purging and Sampling: NONE

Comments: TO Be Destroyed

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: 224 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	10.20		8.20		2		0.16	0.64	1.44	1.28		3.84

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .25-.5 gpm

Time	1310	1313	1315				
Volume Purges (gal)	0	1.5	2				
Temperature (°F)	70	71	71				
pH	6.4	6.4	6.5				
Specific Conductivity (umhos)	540	540	540				
Turbidity / Color	med cloudy	med black	high black				
Odor	N	N	N				
Casing Volumes Removed	0	1.17	1.56				
Dewatered?	N	N	Y				

Comments/Observations: Sampled in place of 223

SAMPLING DATA

Time Sampled: 1400 Approx. Depth to Water During Sampling: 9-

Comments: Sampled in Place of 223

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
224	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) No Lock

Problems Encountered During Purging and Sampling: NO

Comments: TO BE DESTROYED

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: 239 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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				
	14.00		8.22		5.78		0.16	0.64	1.44		.92		2.76

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: 1 gpm

Time	1015	1016	1018				
Volume Purges (gal)	0	1	2				
Temperature (°C) (F)	66	64	66				
pH	6.5	6.6	6.5				
Specific Conductivity (umhos)	1020	1060	1050				
Turbidity/Color	med cloudy	med grey	high grey				
Odor	Y	Y	Y				
Casing Volumes Removed	0	1.08	2.17				
Dewatered?	N	N	Y				

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 1110 Approx. Depth to Water During Sampling: 9'

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
239	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
"	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK / BOLTS

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: 249 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	23.18		8.85		14.33		0.16	0.64	1.44	9.17		27.51

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 4-5 gpm

Time	1130	1132	1134	1136			
Volume Purges (gal)	0	10	20	28			
Temperature (°~~C~~ F)	79.7	77.3	77.5	77.9			
pH	6.88	6.59	6.98	6.97			
Specific Conductivity (umhos)	905	670	480	483			
Turbidity / Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.09	2.18	3.05			
Dewatered?	N	N	N	N			

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1145 Approx. Depth to Water During Sampling: 9 FEET

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
249	4	VOA	HCL	40ML	low	clear	Y	TPH-g BTEX MTBE	
249	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 28 GALLONS Disposal/Containment Method: ON SITE SYSTEM

Weather Conditions: SUNNY

Condition of Well Box and Casing at Time of Sampling: LID MISSING

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments: TO 13G DESTROYED

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW 2 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	23.00		8.92		14.08		0.16	0.64	1.44		9.01	27.03

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: ~~2-3~~ 4-5 gpm

Time	1100	1102	1104	1106			
Volume Purges (gal)	0	10	20	28			
Temperature (~~°C~~) °F	75.7	75.5	75.1	75.1			
pH	7.17	7.15	7.11	7.12			
Specific Conductivity (umhos)	1065	980	881	885			
Turbidity / Color	low / clear	low / clear	low / clear	low / clear	/	/	/
Odor	N	N	N	N			
Casing Volumes Removed	0	1.1	2.2	3.1			
Dewatered?	N	N	N	N			

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1115 Approx. Depth to Water During Sampling: 9 FEET

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	4	VOA	HCL	40ML	low	clear	Y	TPH-g BTEX MTBE	
MW2	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 28 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO

Problems Encountered During Purging and Sampling: NO

Comments: TO BE DESTROYED

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: mw3 Date 7-23-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	24.70		8.38		16.32		0.16	0.64	1.44	10.45		31.35

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 2 gpm

Time	1640	1645	1650	1656			
Volume Purges (gal)	0	10	20	32			
Temperature (°F)	64	62	67	67			
pH	6.4	6.5	6.5	6.4			
Specific Conductivity (umhos)	840	840	840	840			
Turbidity / Color	low clear	low clear	low clear	low clear			
Odor	Y	Y	Y	Y			
Casing Volumes Removed	0	~~.96~~	1.91	3.06			
Dewatered?	N	N	N	N			

Comments / Observations:

SAMPLING DATA

Time Sampled: 1710 Approx. Depth to Water During Sampling: 9 FEET

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	4	VOA	HCL	40mL	low	Clear	Y	TPH-g BTEX MTBE	
↓	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 32 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW15 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	9.40		8.15		1.25		0.16	0.64	1.44	.2		.6

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .125 gpm

Time	1545	1547	1549				
Volume Purges (gal)	0	.5	.75				
Temperature (°C) F	73.2	73.6	73.9				
pH	7.40	7.36	7.28				
Specific Conductivity (umhos)	2,460	2,550	2,550				
Turbidity / Color	low clear	low clear	low cloudy				
Odor	N	N	N				
Casing Volumes Removed	0	2.5	3.75				
Dewatered?	N	N	N				

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1605 Approx. Depth to Water During Sampling: 9'

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
MW15	4	VOA	HCL	40ML	low	clear	Y	TPHg BTEX MTBE	
MW15	1	NONE	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 175 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW25 Date 7-23-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	19.62		7.12		12.5		0.16	0.64	1.44	8		24

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 2 gpm

Time	1335	1339	1343	1347			
Volume Purges (gal)	0	8	16	24			
Temperature (°F)	64	64	64	64			
pH	6.6	6.5	6.4	6.4			
Specific Conductivity (umhos)	1130	1140	1160	1150			
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: 1358 Approx. Depth to Water During Sampling: 8 FEET

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	4	VOA	HCL	40ML	low	clear	Y	TPH-g BTEX MTBE	
↓	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 24 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW 26 Date 7-23-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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		
	25.00	6.96	18.04	0.16	0.64	1.44	11.55	34.65

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 2.25-3 gpm

Time	1415	1419	1423	1427			
Volume Purges (gal)	0	12	24	35			
Temperature (°C) ~~F~~	65	64	63	63			
pH	6.7	6.5	6.4	6.4			
Specific Conductivity (umhos)	800	800	800	800			
Turbidity/Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.03	2.07	3.03			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 1445 Approx. Depth to Water During Sampling: 7 FEET

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	4	VOA	HCL	40mL	low	clear	Y	TPH-g BTEX MTBE	
MW26	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 35 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW27 Date 7-23-09

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	23.60		8.22		15.38		0.16	0.64	1.44	9.84		29.52

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 2 gpm

Time	1500	1505	1510	1515			
Volume Purges (gal)	0	10	20	30			
Temperature (°C) F	63	62	61	61			
pH	6.5	6.4	6.4	6.4			
Specific Conductivity (umhos)	620	620	610	610			
Turbidity / Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.01	2.03	3.04			
Dewatered?	N	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1525 Approx. Depth to Water During Sampling: 9 FEET

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	4	VOA	HCL	40mL	low	clear	Y	TPH-g BTEX MTBE	
MW27	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 30 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW 28 Date 7-23-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	25.20		7.70		17.5		0.16	0.64	1.44	~~2.8~~ 11.2		~~8.4~~ 33.6

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 4-5 gpm

Time	1100	1103	1106	1108			
Volume Purges (gal)	0	12	24	34			
Temperature (°C) F	65	65	65	66			
pH	6.66	6.4	6.4	6.4			
Specific Conductivity (umhos)	640	680	650	670			
Turbidity / Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.07	2.14	3.03			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 1120 Approx. Depth to Water During Sampling: 8 FEET

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	4	VOA	HCL	40ML	low	clear	Y	TPH-g BTEX MTBE	
mw28	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 34 GALLONS Disposal/Containment Method: ON SITE SYSTEM

Weather Conditions: 5 CLOUDY

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

Well Head Conditions Requiring Correction (locks, damaged casing or well box, etc.) NO

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW29 Date 7-23-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	23.05		6.88		16.17		0.16	0.64	1.44	10.35		31.05

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 4-5 gpm

Time	1150	1152	1154	1157			
Volume Purges (gal)	0	10	20	32			
Temperature (°~~C~~F)	63	65	63	63			
pH	6.8	6.5	6.7	6.6			
Specific Conductivity (umhos)	520	580	560	550			
Turbidity/Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	.94	1.93	3.09			
Dewatered?	N	N	N	N			

Comments/Observations:

SAMPLING DATA

Time Sampled: 1215 Approx. Depth to Water During Sampling: 7 FEET

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	4	VOA	HCL	40ML	low	clear	Y	TPH-g BTEX 8260	
↓	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 32 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW33 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	23.00		8.56		14.44		0.16	0.64	1.44	9.24		27.72

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 1.3-2.5 gpm

Time	1600	1604	1608	1611			
Volume Purges (gal)	0	10	20	28			
Temperature (°C)	67	68	68	68			
pH	6.3	6.2	6.1	6.3			
Specific Conductivity (umhos)	520	510	520	520			
Turbidity / Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.08	2.16	3.03			
Dewatered?	N	N	N	N			

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1625 Approx. Depth to Water During Sampling: 9 FEET

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
MW33	4	VOA	HCL	40mL	low	clear	Y	TPH-g BTEX 8260	
↓	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 28 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW30 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	20.80		8.80		12		0.16	0.64	1.44	7.68		23.04

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 4 gpm

Time	1310	1312	1314	1316			
Volume Purges (gal)	0	8	16	24			
Temperature (°C) F	69.7	69.8	70.1	70.4			
pH	6.89	6.82	6.72	6.72			
Specific Conductivity (umhos)	561	558	563	566			
Turbidity / Color	low clear	low clear	low clear	low clear			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.04	2.08	3.12			
Dewatered?	N	N	N	N			

Comments / Observations:

SAMPLING DATA

Time Sampled: 1330 Approx. Depth to Water During Sampling: 9 FEET

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	4	VOA	HCL	40ML	low	clear	Y	TPH-g BTEX 8260	
MW30	1	AMBER	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 24 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) no

Problems Encountered During Purging and Sampling: no

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: MW 32 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	23.00		8.52		14.48		0.16	0.64	1.44	9.26		27.78

PURGING DATA

Purge Method: SUBMERSIBLE PUMP Purge Depth: SCREEN Purge Rate: 4-5 gpm

Time	1215	1217	1219	1221			
Volume Purges (gal)	0	10	20	28			
Temperature (°C)	76.6	77.0	76.3	76.1			
pH	7.18	6.67	6.63	6.60			
Specific Conductivity (umhos)	981	917	860	845			
Turbidity/Color	low clear	low clear	low clear	low clear	/	/	/
Odor	N	N	N	N			
Casing Volumes Removed	0	1.07	2.15	3.07			
Dewatered?	N	N	N	N			

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 1235 Approx. Depth to Water During Sampling: 9 FEET

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
MW 32	4	VOA	HCL	40ML			Y	TPH-g BTEX MTBE	
MW 32	1	AMBER	NONE	1L			Y	TPH-d	

Total Purge Volume: GALLONS Disposal/Containment Method: ON SITE SYSTEM

Weather Conditions: _____

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

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

Problems Encountered During Purging and Sampling: _____

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR26 Date 7-26-99

Project No: TONEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	11.30		8.27		3.03		0.16	0.64	1.44	.48		1.44

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .37 gpm

Time	1210	1212	1214				
Volume Purges (gal)	0	.75	1.5				
Temperature (°C/F)	67	68	68				
pH	6.5	6.6	6.5				
Specific Conductivity (umhos)	1050	1060	1060				
Turbidity/Color	med / cloudy	med / grey	high / grey				
Odor	Y	Y	Y				
Casing Volumes Removed	0	1.5	3.1				
Dewatered?	N	N	N				

Comments/Observations: System wet, Light sheen

SAMPLING DATA

Time Sampled: 1230 Approx. Depth to Water During Sampling: 9'

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
PR26	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 1.5 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) OK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR45 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	13.80		8.60		5.2		0.16	0.64	1.44	.83		2.49

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .25-.33 gpm

Time	1425	1428	1430				
Volume Purges (gal)	0	1	1.5				
Temperature (°C)	72	71	71				
pH	6.7	6.7	6.7				
Specific Conductivity (umhos)	>1990	>1990	>1900				
Turbidity / Color	med / dark	high / black	high / black				
Odor	N	N	N				
Casing Volumes Removed	0	1.2	1.8				
Dewatered?	N	N	Y				

Comments / Observations: Sampled in Place of V4

SAMPLING DATA

Time Sampled: 1530 Approx. Depth to Water During Sampling: 9'

Comments: leachate in samples ~~water~~ hard to remove air bubbles (spent 1/2 hr. to fill 4 vials ~~has high amount of air~~

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
PR45	4	VOA	HCL	40ML	med	black	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 1.5 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) Replace lock + cap

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR52 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	13.50		8.70		4.8		0.16	0.64	1.44	.77		2.31

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: 3-5 gpm

Time	1630	1632	1635	1638			
Volume Purges (gal)	0	1	2	3			
Temperature (°C)	62	63	63	63			
pH	6.7	6.8	6.8	6.7			
Specific Conductivity (umhos)	71990	71990	71990	71990			
Turbidity / Color	mod cloudy	mod cloudy	mod cloudy	mod cloudy			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.29	2.59	3.89			
Dewatered?	N	N	N	N			

Comments / Observations:

SAMPLING DATA

Time Sampled: 1650 Approx. Depth to Water During Sampling: 9'

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
PR52	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
PR52	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 3 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: ND

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR53 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	14.20		9.16		5.04		0.16	0.64	1.44	.81		2.43

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .25-.5 gpm

Time	1615	1617	1619				
Volume Purges (gal)	0	1	1.5				
Temperature (°C F)	63	62	62				
pH	6.7	6.6	6.5				
Specific Conductivity (umhos)	490	1,500	1,030				
Turbidity/Color	med cloudy	med cloudy	high black				
Odor	N	N	N				
Casing Volumes Removed	0	1.23	1.85				
Dewatered?	N	N	Y				

Comments/Observations: Sampled in place of V64

SAMPLING DATA

Time Sampled: 1700 Approx. Depth to Water During Sampling: 10 FEET

Comments: Sampled in place of V64

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	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
↓	1	NOTE	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 1.5 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) OK

Problems Encountered During Purging and Sampling: NO

Comments: System well

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR54 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	13.00		8.52		4.48		0.16	0.64	1.44	.72		2.16

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .25-.33 gpm

Time	1715	1718	1721	1722			
Volume Purges (gal)	0	1	2	2.5			
Temperature (°C)	61	61	61	61			
pH	6.8	6.9	6.7	6.7			
Specific Conductivity (umhos)	71990	71990	71990	71990			
Turbidity / Color	med / cloudy	med / cloudy	med / cloudy	med / cloudy			
Odor	N	N	N	N			
Casing Volumes Removed	0	1.38	2.77	3.47			
Dewatered?	N	N	N	N			

Comments / Observations: _____

SAMPLING DATA

Time Sampled: 1740 Approx. Depth to Water During Sampling: 9'

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	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
PR54	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2.5 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR64 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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)
	13.10		9.20		3.9		0.16	0.64	1.44	.62		1.86

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .5 gpm

Time	1045	1047	1049				
Volume Purges (gal)	0	1	2				
Temperature (°C/F)	60	60	60				
pH	6.7	6.6	6.5				
Specific Conductivity (umhos)	750	730	750				
Turbidity / Color	med cloudy	med cloudy	med cloudy				
Odor	Y	Y	Y				
Casing Volumes Removed	0	1.61	3.22				
Dewatered?	N	N	N				

Comments/Observations: Sheen (not measurable), system well.
Sampled in place of V21

SAMPLING DATA

Time Sampled: 1055 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
PR64	4	VOA	HCL	40mL	med	Cloudy	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM
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.) NO
Problems Encountered During Purging and Sampling: NO
Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR65 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	13.70		8.49		5.21		0.16	0.64	1.44	.83		2.49

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .5-1 gpm

Time	1030	1031	1032				
Volume Purges (gal)	0	1	2				
Temperature (°C)	63	62	62				
pH	6.6	6.5	6.5				
Specific Conductivity (umhos)	890	890	890				
Turbidity / Color	mod cloudy	mod grey	high gray				
Odor	Y	Y	Y				
Casing Volumes Removed	0	1.2	2.4				
Dewatered?	0	N	Y				

Comments/Observations: Screen Sampled in Place of 264

SAMPLING DATA

Time Sampled: 1130 Approx. Depth to Water During Sampling: 9'

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
PR65	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: PR68 Date: 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	13.50		8.25		4.75		0.16	0.64	1.44	.76		2.28

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .5-1 gpm

Time	1000	1001	1003				
Volume Purges (gal)	0	1	2				
Temperature (°C/F)	64	64	64				
pH	6.7	6.8	6.4				
Specific Conductivity (umhos)	360	340	360				
Turbidity/Color	med cloudy	med cloudy	med cloudy				
Odor	N	N	N				
Casing Volumes Removed	0	1.3	2.6				
Dewatered?	N	N	Y				

Comments/Observations: Light Sheen

SAMPLING DATA

Time Sampled: 1100 Approx. Depth to Water During Sampling: 9'

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
PR68	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO BOLTS, LOCK

Problems Encountered During Purging and Sampling: OK

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: V31 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	10.10		7.80		2.3		0.16	0.64	1.44	1.47		4.41

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .5 gpm

Time	1145	1149					
Volume Purges (gal)	0	2					
Temperature (°F/C)	69	69					
pH	6.5	6.5					
Specific Conductivity (umhos)	830	830					
Turbidity / Color	med cloudy	med grey					
Odor	Y	Y					
Casing Volumes Removed	0	1.36					
Dewatered?	N	Y					

Comments/Observations: LT Sheen - very light

SAMPLING DATA

Time Sampled: 1245 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
V31	4	VOA	HCL	40mL			Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L			Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK, NO BOLTS

Problems Encountered During Purging and Sampling: ND

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: V55 Date 7-22-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	10.00		7.76		2.24		0.16	0.64	1.44	1.43		4.29

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: 1-.2 gpm

Time	1630	1640	1649				
Volume Purges (gal)	0	2	3				
Temperature (°C) (F)	75.1	74.6	74.7				
pH	7.76	7.03	6.96				
Specific Conductivity (umhos)	1729	1724	1682				
Turbidity/Color	med grey	med cloudy	med grey				
Odor	Y	Y	Y				
Casing Volumes Removed	0	1.39	2.09				
Dewatered?	N	N	Y				

Comments/Observations: Observed product on bailer but not measurable with visible sheen. Did not observe a product thickness

SAMPLING DATA

Time Sampled: 1730 Approx. Depth to Water During Sampling: 8'

Comments: Product with VISIBLE sheen but not measurable. No product thickness to measure GH

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
V55	4	VOA	HCL	40ML	med	Cloudy	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 3 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO - LOCK MISSING

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: [redacted] V84 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	11.34 ~~[illegible]~~		9.14 ~~[illegible]~~		2.2		0.16	0.64	1.44	1.4		4.2

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: .5 gpm

Time	1245	1247					
Volume Purges (gal)	0	2					
Temperature (°C)	69	69					
pH	6.6	6.9					
Specific Conductivity (umhos)	250	250					
Turbidity / Color	med cloudy	high black					
Odor	Y	Y					
Casing Volumes Removed	0	1.4					
Dewatered?	N	Y					

Comments/Observations: _____

SAMPLING DATA

Time Sampled: 1338 Approx. Depth to Water During Sampling: 10'

Comments: Sampled in place of V200

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
V84	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
↓	1	none	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 2 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments: _____

ETIC ENGINEERING

GROUNDWATER PURGE AND SAMPLE FORM

Project Name: NESTLE Well No: V72 Date 7-26-99

Project No: TMNEST.3 Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: DTW METER 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			
	11.50		9.90		1.6		0.16	0.64	1.44	1.02		3.06

PURGING DATA

Purge Method: DISPOSABLE BAILER Purge Depth: SCREEN Purge Rate: 2.5 gpm

Time	1445	1447	1449				
Volume Purges (gal)	0	1	1.5				
Temperature (°C) F	70	70	70				
pH	7.5	7.3	7.2				
Specific Conductivity (umhos)	640	640	640				
Turbidity / Color	med cloudy	med brown	med brown				
Odor	N	Y	N				
Casing Volumes Removed	0	.98	1.47				
Dewatered?	N	N	Y				

Comments / Observations: Sampled in place of PR41

SAMPLING DATA

Time Sampled: 1600 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
V72	4	VOA	HCL	40mL	med	cloudy	Y	TPHg BTEX MTBE	
↓	1	NONE	NONE	1L	↓	↓	Y	TPH-d	

Total Purge Volume: 1.5 GALLONS Disposal/Containment Method: ON SITE SYSTEM

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.) NO LOCK

Problems Encountered During Purging and Sampling: NO

Comments:

Fourth Quarter 1999

ETIC
Engineering, Inc.

FIELD SUMMARY REPORT

Client:	Nestle	Station No.:	Oakland
Project No.:	TMNEST	Task No.:	3
Scope:	QM		
Team (ETIC):	Chris Chatburn, Chi Du	Project Manager:	Doug Oram
Subcontractor(s):			
Field Date(s):	10/25-10/28, 11/2/99		
Waste on Site:	Water Soil	Empty Other	
Author:	Chris Chatburn	Date:	11/4/1999

- **Summary**

Opened and gauged wells 29,30, 223, 239, 254, MW3, MW25-MW30, MW32, MW33, PR26, PR41, PR45, PR52-PR54, PR64, PR65, PR68, V4, V21, V31, V55, V64, V72, V84, and V200. 29 and 30 are the wells on the adjacent property. PR53, PR64 and V55 had product. 254, PR41, V4, and V21 were dry and not sampled. V64 and V200 were functionally dry (<.5' of water in well) and not sampled. Purged 29, 30, 223, 239, PR26, PR45, PR52, PR53, PR54, PR65, PR68, V31, V72, and V84 using a disposable bailer. Wells 29, 30, PR45, PR52, PR65, PR68, V31, V72, and V84 bailed dry and were allowed to recharge. Wells MW3, MW25-MW30, MW32, and MW33 were purged using a centrifugal pump. MW3, MW25, MW27-MW30, MW32, and MW33 pumped dry and were allowed to recharge. PR53, PR64 and V55 were purged by the system. V55 pumped dry and was allowed to recharge. All wells purged were sampled for TPH-g, BTEX, HVOC, and TPH-d groundwater analysis. Collected backup water levels from V54 and PR62. Returned to the site and purged MW28 using a centrifugal pump. Collected groundwater samples from MW28 for TPH-g, BTEX and HVOC analysis due to the loss of the original bottles for that analysis. Put the purgewater into drums to allow the silt to settle at the O&M technicians request. The O&M tech will return to the site and transfer the water through the system. Secured each well and shipped the samples to the Nestle Lab via Airborne Express.

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MONITORING WELL DATA FORM

Client: *Nestle*

Date: 10-25-99

Project Number: *TMNEST.3*

Station Number: *Oakland Facility*

Site Location:
1300 14th Street, Oakland, California

Samplers:
Chris Chatburn

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC)	WELL CASING DIAMETER
29	9.37					12.25	2"
30	8.50					12.00	2"
223	9.02					15.00	2"
239	9.24					14.00	2"
254	Dry					5.74	4"
MW3	9.48					24.70	4"
MW25	8.26					19.62	4"
MW26	8.05					25.00	4"
MW27	9.28					23.60	4"
MW28	8.39						4"
MW29	8.01					23.05	4"
MW30	9.87					20.80	4"
MW32	9.10					25.00	4"
MW33	9.02					23.00	4"
PR26	9.32					11.30	2"
PR41	Dry					23.05	2"
PR45	9.58					13.80	2"
PR52	9.45					13.50	2"
PR53	9.39	9.36	.03			14.20	2"
PR54	9.55					13.00	2"
PR64	9.92	9.84	.08			13.10	2"
PR65	9.45					13.70	2"
PR68	9.79					13.30	2"
V4	Dry						
V21	Dry						

Note: Depth to bottom measured during first quarter unless noted.

ETIC Engineering, Inc.

MONITORING WELL DATA FORM

Client: *Nestle*

Date: 10-25-99

Project Number: *TMNEST.3*

Station Number: *Oakland Facility*

Site Location: *1300 14th Street, Oakland, California*

Samplers: *Chris Chatburn*

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)	DEPTH TO PRODUCT (TOC)	APPARENT PRODUCT THICKNESS	AMOUNT OF PRODUCT REMOVED	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC)	WELL CASING DIAMETER
V31	8.95					10.10	4"
V55	8.98	8.97	.01			10.00	4"
V64	5.40				Functionally Dry	5.43	4"
V72	10.94					11.50	4"
V84	10.11					11.34	4"
V200	4.70				Functionally Dry	5.00	4"
V5H	8.86					10.35	4"
PR62	9.82					12.92	2"

F:\Projects\Nestle\PUBLIC\sampling\[MonitoringWellData-2.xls]Sheet1 Note: Depth to bottom measured during first quarter unless noted.

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GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *29* Date: *10-28-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	(2)	4	6			
	12.25	−	9.37	=	2.88	X	0.04	0.16	0.64	1.44	.47	=	1.41

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: .5 *gpm*

Time	11:15	11:14	11:17			
Volume Purge (gal)	0	.5	1			
Temperature (F)	44	44	44			
pH	7.6	7.5	7.2			
Spec Cond (umhos)	290	290	280			
Turbidity/Color	low / clear	med / cloudy	high / brown			
Odor (Y/N)	N	N	N			
Casing Volumes (#)	0	1.06	2.12			
Dewatered (Y/N)	N	N	Y			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1145 Approximate Depth to Water During Sampling: 10 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
29	4	Voa	HCL	40 ml		TPH-g, BTEX, HVOC
29	2	Amber	None	1L		TPH-d

Total Purge Volume: 1 gallons Dispsal: *Treatment system*

Weather Conditions: cloudy

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: NO

Comments: (EE2)

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Nestle | Well No: 30 | Date: 10-21-99

Project No: TMNEST.3 | Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: Interface Probe | Measuring Point Descriptic TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	12.00	-	8.50	=	3.5	X	1	(2)	4	6	.56	=	1.68
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Disposable Bailer | Purge Depth: Screen | Purge Rate: .5 gpm

Time	1200	1207	1212			
Volume Purge (gal)	0	.5	1			
Temperature (°F)	51	50	50			
pH	7.5	7.0	6.8			
Spec Cond. (umhos)	360	550	550			
Turbidity/Color	low clear	med cloudy	high brown			
Odor (Y/N)	N	N	N			
Casing Volumes	0	.89	1.78			
Dewatered (Y/N)	N	N	Y			

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1245 | Approximate Depth to Water During Sampling: 9 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
30	4	Voa	HCL	40 ml	high brown	TPH-g, BTEX, HVOC
30	2	Amber	None	1L	high brown	TPH-d

Total Purge Volume: 1 gallons | Dispsal: Treatment system

Weather Conditions: Sunny

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Nestle | Well No: 223 | Date: 10-26-99

Project No: TMNEST.3 | Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: Interface Probe | Measuring Point Descriptic TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter	Casing Volume (gal)		Total Purge Volume (gal)
	15.15	−	9.02	=	6.13	×	1: 0.04, (2): 0.16, 4: 0.64, 6: 1.44	.99	=	2.97

PURGING DATA

Purge Method: Disposable Bailer | Purge Depth: Screen | Purge Rate: .25 gpm

Time	1420	1424	1428	1432		
Volume Purge (gal)	0	1	2	3		
Temperature (°F)	41	49	49	49		
pH	6.9	6.7	6.7	6.7		
Spec Cond (umhos)	1180	1180	1190	1180		
Turbidity/Color	low / clear	med / clear	med / clear	med / cloudy	/	/
Odor (Y/N)						
Casing Volumes	0	1.01	2.02	3.03		
Dewatered (Y/N)	N	N	N	N		

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1445 | Approximate Depth to Water During Sampling: 10 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
223	4	Voa	HCL	40 ml	low / clear	TPH-g, BTEX, HVOC
223	2	Amber	None	1L	low / clear	TPH-d
					/	
					/	

Total Purge Volume: 3 gallons | Dispsal: Treatment system

Weather Conditions: Cloudy

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *239* Date: *10-26-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	(2)	4	6			
	14.00	=	9.24	=	4.76	X	0.04	0.16	0.64	1.44	.77	=	2.31

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: ~~.25~~ .5 *gpm*

Time	1145	1148	1151	1153		
Volume Purge (gal)	0	.75	1.5	2.5		
Temperature (°C)	49	50	50	49		
pH	6.3	6.2	6.1	6.1		
Spec Cond (umhos)	1700	1680	1680	1660		
Turbidity/Color	low / clear	low / clear	low / clear	low / clear	/	/
Odor (Y/N)	Y	Y	Y	Y		
Casing Volumes	0	.97	1.94	3.24		
Dewatered (Y/N)	N	N	N	N		

Comments/Observbations: *Lt. Sheen*

SAMPLING DATA

Time Sampled: *1200* Approximate Depth to Water During Sampling: *10* *feet*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
239	*4*	*Voa*	*HCL*	*40 ml*	/	*TPH-g, BTEX, HVOC*
239	*2*	*Amber*	*None*	*1L*	/	*TPH-d*
					/	
					/	

Total Purge Volume: *2.5* gallons Dispsal: *Treatment system*

Weather Conditions: *Cloudy*

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

Well Head Conditions Requiring Correction: *NO*

Problems Encountered During Purging and Sampling: *NO*

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW3* Date: *10-28-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	(4)	6			
	24.70	−	9.48	=	15.22	X	0.04	0.16	0.64	1.44	9.75	=	29.25

PURGING DATA *Centrifuged*

Purge Method: ~~*Submersible*~~ *Pump* Purge Depth: *Screen* Purge Rate: *gpm*

Time	1505	1506				
Volume Purge (gal)	0	10				
Temperature (C)	52	51				
pH	6.9	6.7				
Spec Cond (umhos)	1010	1020				
Turbidity/Color	med / black	mod / black	/	/	/	/
Odor (Y/N)	Y	Y				
Casing Volumes	0	1.02				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: *1530* Approximate Depth to Water During Sampling: *10* *feet*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW3	*4*	*Voa*	*HCL*	*40 ml*	/	*TPH-g, BTEX, HVOC*
MW3	*2*	*Amber*	*None*	*1L*	/	*TPH-d*
					/	
					/	

Total Purge Volume: *10* gallons Dispsal: *Treatment system*

Weather Conditions: *sunny*

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

Well Head Conditions Requiring Correction: *OK*

Problems Encountered During Purging and Sampling: *no*

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW25* Date: 10-22-09

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	(4)	6			
	19.62	−	8.26	=	10.36	X	0.04	0.16	0.64	1.44	4.7 / 7.28	=	~~20.1~~ 21.84

PURGING DATA

Purge Method: ~~Submersible Pump~~ centrifugal Purge Depth: *Screen* Purge Rate: 1 gpm

Time	1245	1246				
Volume Purge (gal)	0	~~8~~ 8				
Temperature (F)	74.5	71.7				
pH (+/-)	6.85	6.79				
Spec. Cond. (umhos)	939	954				
Turbidity/Color	med cloudy	med cloudy				
Odor (Y/N)	N	N				
Casing Volumes	0	1.09				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1300 Approximate Depth to Water During Sampling: ~~70~~ 9 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW25	*4*	*Voa*	*HCL*	*40 ml*	low clear	*TPH-g, BTEX, HVOC*
MW25	*2*	*Amber*	*None*	*1L*	low cloudy	*TPH-d*

Total Purge Volume: 7 gallons Dispsal: *Treatment system*

Weather Conditions: cloudy

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW26* Date: *10-27-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	(4)	6			
	25.00	−	8.05	=	16.95	X	0.04	0.16	0.64	1.44	10.85	=	32.55

PURGING DATA

Purge Method: ~~*Submersible*~~ centrifugal *Pump* Purge Depth: *Screen* Purge Rate: *6.5-10 gpm*

Time	1330	1331	1332	1334		
Volume Purge (gal)	0	10	20	33		
Temperature (C)	67.8	67.9	68.0	67.9		
pH	8.10	7.95	7.84	7.75		
Spec Cond (umhos)	725	700	705	703		
Turbidity/Color	low clear	low clear	low clear	low clear		
Odor (Y/N)	N	N	N	N		
Casing Volumes	0	.92	1.84	3.04		
Dewatered (Y/N)	N	N	N	N		

Comments/Observbations:

SAMPLING DATA

Time Sampled: *1355* Approximate Depth to Water During Sampling: *9* *feet*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW26	*4*	*Voa*	*HCL*	*40 ml*	low clear	*TPH-g, BTEX, HVOC*
MW26	*2*	*Amber*	*None*	*1L*	low clear	*TPH-d*

Total Purge Volume: *33* gallons Dispsal: *Treatment system*

Weather Conditions: *Partly Cloudy*

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

Well Head Conditions Requiring Correction: *OK*

Problems Encountered During Purging and Sampling: *NO*

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW27* Date: 10-27-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	23.60	−	9.28	=	14.32	X	1	2	(4)	6	9.17	=	27.5'
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~*Submersible Pump*~~ Centrifugal Pump Purge Depth: *Screen* Purge Rate: 10 gpm

Time	1430	1431				
Volume Purge (gal)	0	10				
Temperature (C)	69.9	70.5				
pH	6.93	6.88				
Spec.Cond.(umhos)	573	556				
Turbidity/Color	med cloudy	med cloudy				
Odor (Y/N)	N	N				
Casing Volumes	0	1.09				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1500 Approximate Depth to Water During Sampling: 10 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW27	4	*Voa*	*HCL*	*40 ml*	low clear	*TPH-g, BTEX, HVOC*
MW27	2	*Amber*	*None*	*1L*	low clear	*TPH-d*

Total Purge Volume: 10 gallons Dispsal: *Treatment system*

Weather Conditions: cloudy

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW28* Date: *10-27-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	25.18	−	8.39	=	16.79	X	1	2	(4)	6	10.75	=	32.25
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~Submersible~~ Centrifugal Pump Purge Depth: *Screen* Purge Rate: *11* *gpm*

Time	15:15	15:16				
Volume Purge (gal)	0	11				
Temperature (°F)	68.5	69.9				
pH	7.22	10.30				
Spec.Cond.(umhos)	587	587				
Turbidity/Color	med cloudy	med cloudy				
Odor (Y/N)	N	N				
Casing Volumes	0	1.02				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: *15:35* Approximate Depth to Water During Sampling: *9* *feet*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW28	4	*Voa*	*HCL*	*40 ml*	low clear	*TPH-g, BTEX, HVOC*
MW28	2	*Amber*	*None*	*1L*	low clear	*TPH-d*

Total Purge Volume: *11* gallons Dispsal: *Treatment system*

Weather Conditions: *CLOUDY*

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

Well Head Conditions Requiring Correction: *NO*

Problems Encountered During Purging and Sampling: *NO*

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Nestle | Well No: MW28 | Date: 10-2-99

Project No: TMNEST.3 | Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: Interface Probe | Measuring Point Descriptic TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	25.18	−	8.39	=	16.79	X	1	2	(4)	6	10.75	=	32.25
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Centrifugal Pump | Purge Depth: Screen | Purge Rate: 2.75 gpm

Time	1232	1236	1240	1244		
Volume Purge (gal)	0	11	22	33		
Temperature (C)	74.5	72.9	72.5	72.3		
pH	6.65	6.58	6.58	6.56		
Spec.Cond.(umhos)	710	660	669	662		
Turbidity/Color	low / clear	low / clear	low / clear	low / clear	/	/
Odor (Y/N)	N	N	N	N		
Casing Volumes	0	1.02	2.04	3.06		
Dewatered (Y/N)	N	N	N	N		

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1300 | Approximate Depth to Water During Sampling: 9 feet

Comments: Well resampled for analysis below.

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW28	4	Voa	HCL	40 ml	/	TPH-g, BTEX, HVOC
					/	
					/	
					/	

Total Purge Volume: 33 gallons | Disposal: Treatment system

Weather Conditions: Sunny

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW29* Date: *10-27-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	23.05	-	8.01	=	15.04	X	1	2	(4)	6	9.63	=	28.89
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~Submersible~~ *Centrifugal Pump* Purge Depth: *Screen* Purge Rate: *10* *gpm*

Time	1545	1546				
Volume Purge (gal)	0	10				
Temperature (F)	69.5	68.9				
pH	6.92	6.97				
Spec Cond (umhos)	565	554				
Turbidity/Color	med cloudy	mid cloudy				
Odor (Y/N)	N	N				
Casing Volumes	0	1.03				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: *1605* Approximate Depth to Water During Sampling: *9* *feet*

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW29	4	*Voa*	*HCL*	*40 ml*	low clear	*TPH-g, BTEX, HVOC*
MW29	2	*Amber*	*None*	*1L*	low clear	*TPH-d*

Total Purge Volume: *10* gallons Dispsal: *Treatment system*

Weather Conditions: *cloudy & Rain*

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

Well Head Conditions Requiring Correction: *NO*

Problems Encountered During Purging and Sampling: *NO*

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW30* Date: 10-28-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	20.80	=	9.87	=	10.93	X	1	2	(4)	6	7.0	=	21
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~Submersible Pump~~ Centrifugal Purge Depth: *Screen* Purge Rate: 3.5 gpm

Time	1430	1432	1434	1436		
Volume Purge (gal)	0	7	14	21		
Temperature (C)	49	48	48	48		
pH	7.8	7.6	7.5	7.5		
Spec Cond (umhos)	540	530	530	510		
Turbidity/Color	low clear	low clear	low clear	low clear		
Odor (Y/N)	N	N	N	N		
# Casing Volumes	0	1	2	3		
Dewatered (Y/N)	N	N	N	N		

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1450 Approximate Depth to Water During Sampling: 10 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW30	4	*Voa*	*HCL*	*40 ml*	low clear	*TPH-g, BTEX, HVOC*
MW30	2	*Amber*	*None*	*1L*	low clear	*TPH-d*

Total Purge Volume: 21 gallons Dispsal: *Treatment system*

Weather Conditions: Sunny

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: no

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: MW 32 Date: 10-28-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	25.00	−	9.60	=	15.4	X	1	2	(4)	6	9.86	=	29.58
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~Submersible~~ Centrifugal Pump Purge Depth: *Screen* Purge Rate: 10 gpm

Time	1315	1316				
Volume Purge (gal)	0	10				
Temperature (F)	52	51				
pH	6.9	6.7				
Spec Cond (umhos)	800	750				
Turbidity/Color	med cloudy	med cloudy				
Odor (Y/N)	N	N				
Casing Volumes	~~0~~	1.01				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1345 Approximate Depth to Water During Sampling: 10 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/Color	Analysis Method
MW32	4	Voa	HCL	40 ml	low clear	TPH-g, BTEX, HVOC
MW32	2	Amber	None	1L	low clear	TPH-d

Total Purge Volume: 10 gallons Dispsal: *Treatment system*

Weather Conditions: Sunny

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *MW33* Date: *10-28-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	23.00	−	9.62	=	13.38	X	1	2	(4)	6	8.57	=	25.71
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~Submersible~~ Centrifugal Pump Purge Depth: *Screen* Purge Rate: *7-10* gpm

Time	1330	1331	1334			
Volume Purge (gal)	0	10	14			
Temperature (°F)	50	50	50			
pH	6.7	6.8	7.1			
Spec Cond (umhos)	620	650	620			
Turbidity/Color	med brown	med brown	high brown			
Odor (Y/N)	N	N	N			
Casing Volumes	0	1.17	1.63			
Dewatered (Y/N)	N	N	Y			

Comments/Observbations:

SAMPLING DATA

Time Sampled: *1400* Approximate Depth to Water During Sampling: *10* feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
MW33	4	*Voa*	*HCL*	*40 ml*	med cloudy	*TPH-g, BTEX, HVOC*
MW33	2	*Amber*	*None*	*1L*	med cloudy	*TPH-d*

Total Purge Volume: *14* gallons Dispsal: *Treatment system*

Weather Conditions: *Sunny*

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

Well Head Conditions Requiring Correction: *OK*

Problems Encountered During Purging and Sampling: *NO*

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *PR26* Date: *10-26-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	11.30	=	9.32	=	1.98	X	1	(2)	4	6	.32	=	.96
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: .05 - .1 *gpm*

Time	1515	1520	1525	1530		
Volume Purge (gal)		.5	.75	1.0		
Temperature (F)		53	52	52		
pH		7.2	6.9	6.8		
Spec Cond (umhos)		1380	1380	1380		
Turbidity/Color		low clear	high black	high black		
Odor (Y/N)		Y	Y	Y		
Casing Volumes		1.3	2.3	3.1		
Dewatered (Y/N)		N	N	N		

Comments/Observbations:

SAMPLING DATA

Time Sampled: *1545* Approximate Depth to Water During Sampling: *9.5* *feet*

Comments: System well, Strong

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR26	*4*	*Voa*	*HCL*	*40 ml*		*TPH-g, BTEX, HVOC*
PR26	*2*	*Amber*	*None*	*1L*		*TPH-d*

Total Purge Volume: *1.0* gallons Dispsal: *Treatment system*

Weather Conditions: *Sunny, cloudy*

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

Well Head Conditions Requiring Correction: *NC*

Problems Encountered During Purging and Sampling: *NC*

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *PR45* Date: *10-28-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	13.80	−	9.58	=	4.22	X	1	(2)	4	6	.68	=	2.04
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: ~~1.5~~ gpm

Time	1545	1549				
Volume Purge (gal)	0	1				
Temperature (C)	52	51				
pH	6.8	6.8				
Spec.Cond. (umhos)	≥1990	≥1990				
Turbidity/Color	low clear	med cloudy				
Odor (Y/N)	Y	Y				
Casing Volumes	0	1.47				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1615 Approximate Depth to Water During Sampling: 10 feet

Comments: Sheen

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR45	4	Voa	HCL	40 ml	med cloudy	TPH-g, BTEX, HVOC
PR45	2	Amber	None	1L	med cloudy	TPH-d

Total Purge Volume: 1 gallons Dispsal: *Treatment system*

Weather Conditions: Sunny

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *PR52* Date: 10-28-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier (or Casing Diameter)				Casing Volume (gal)		Total Purge Volume (gal)
							1	(2)	4	6			
	13.50	−	9.45	=	4.05	X	0.04	0.16	0.64	1.44	.65	=	1.95

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: .2 *gpm*

Time	1635	1640				
Volume Purge (gal)	0	1				
Temperature (C)	52	52				
pH	6.6	6.8				
Spec Cond (umhos)	≈1990	≈1990				
Turbidity/Color	med cloudy	med cloudy				
Odor (Y/N)	Y	Y				
Casing Volumes	0	1.53				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1650 Approximate Depth to Water During Sampling: 10 feet

Comments: Sheen

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR52	*4*	*Voa*	*HCL*	*40 ml*		*TPH-g, BTEX, HVOC*
PR52	*2*	*Amber*	*None*	*1L*		*TPH-d*

Total Purge Volume: 2 gallons Dispsal: *Treatment system*

Weather Conditions: sunny

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

Well Head Conditions Requiring Correction: no

Problems Encountered During Purging and Sampling: no

Comments: Slow Recharge

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *PR53* Date: 10-27-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	14.20	−	9.39	=	4.81	×	1	(2)	4	6	.77	=	2.31
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~*Disposable Bailer*~~ *System* Purge Depth: *Screen* Purge Rate: *gpm*

Time	1215					
Volume Purge (gal)						
Temperature (C)F	71.6					
pH	6.68					
Spec. Cond. (umhos)	926					
Turbidity/Color	med Cloudy					
Odor (Y/N)	Y					
Casing Volumes						
Dewatered (Y/N)	N					

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1215 Approximate Depth to Water During Sampling: 10 feet

Comments: ~~.04~~ .03' Product, sheen

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR53	*4*	*Voa*	*HCL*	*40 ml*	med Cloudy	*TPH-g, BTEX, HVOC*
PR53	*2*	*Amber*	*None*	*1L*	med Cloudy	*TPH-d*

Total Purge Volume: gallons Dispsal: *Treatment system*

Weather Conditions: Cloudy

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC
Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *PR54* Date: *10-26-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	13.00	−	9.55	=	3.45	X	1	(2)	4	6	~~11.~~ 500	=	1.68
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: .16-.25 gpm

Time 1335	1338	1341	1343			
Volume Purge (gal)	.75	1.25	1.75			
Temperature (F) 42	41	41	41			
pH	6.8	6.7	6.8			
Spec Cond (umhos)	≥1990	≥1990	≥1990			
Turbidity/Color	low / clear	hig / black	high / black			
Odor (Y/N)	Y	Y	Y			
Casing Volumes	1.3	2.2	3.1			
Dewatered (Y/N)	N	N	N			

Comments/Observbations: sheen

SAMPLING DATA

Time Sampled: 1402 Approximate Depth to Water During Sampling: 10 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR54	4	Voa	HCL	40 ml	high / black	TPH-g, BTEX, HVOC
PR54	2	Amber	None	1L	high / black	TPH-d

Total Purge Volume: 1.75 gallons Dispsal: *Treatment system*

Weather Conditions: cloudy

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *PR64* Date: 10-27-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	4	6			
	13.10	−	9.92	=	3.18	X	0.04	0.16	0.64	1.44	.51	=	1.53

PURGING DATA

Purge Method: ~~*Disposable Bailer*~~ *system* Purge Depth: *Screen* Purge Rate: *gpm*

Time	1145					
Volume Purge (gal)						
Temperature (~~C~~F)	72.8					
pH	6.64					
Spec. Cond. (umhos)	610					
Turbidity/Color	med / cloudy					
Odor (Y/N)	Y					
Casing Volumes						
Dewatered (Y/N)	N					

Comments/Observbations:

SAMPLING DATA

Time Sampled: 11:45 Approximate Depth to Water During Sampling: 10 feet

Comments: .08' product, sheen

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR64	4	*Voa*	*HCL*	*40 ml*	med / cloudy	*TPH-g, BTEX, HVOC*
PR64	2	*Amber*	*None*	*1L*	med / cloudy	*TPH-d*
					/	
					/	

Total Purge Volume: gallons Dispsal: *Treatment system*

Weather Conditions: CLOUDY

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: PR65 Date: 10-26-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
						X	1	(2)	4	6			
	13.70	−	9.45	=	4.25		0.04	0.16	0.64	1.44	.68	=	2.04

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: .15 *gpm*

Time	1220	1225				
Volume Purge (gal)	.75	1.5				
Temperature (F/C)	46	47				
pH	6.7	6.5				
Spec.Cond.(umhos)	1480	1470				
Turbidity/Color	low / clear	high / black				
Odor (Y/N)	Y	Y				
Casing Volumes	1.1	2.2				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1320 Approximate Depth to Water During Sampling: 10 feet

Comments:

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR65	4	Voa	HCL	40 ml		TPH-g, BTEX, HVOC
PR65	2	Amber	None	1L		TPH-d

Total Purge Volume: 1.5 gallons Dispsal: *Treatment system*

Weather Conditions: Cloudy

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Nestle | Well No: PR68 | Date: 10-26-99

Project No: TMNEST.3 | Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: Interface Probe | Measuring Point Descriptic TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	4	6			
	13.00	=	9.79	=	3.21	X	0.04	0.16	0.64	1.44	.52	=	1.56

PURGING DATA

Purge Method: Disposable Bailer | Purge Depth: Screen | Purge Rate: .25 gpm

Time	11:30	11:32				
Volume Purge (gal)	.5	1				
Temperature (C)	49	49				
pH	6.8	6.4				
Spec Cond (umhos)	710	710				
Turbidity/Color	high Black	high Black				
Odor (Y/N)	Y	Y				
Casing Volumes	.96	1.92				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1300 | Approximate Depth to Water During Sampling: 10 feet

Comments: Light sheen

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
PR68	4	Voa	HCL	40 ml		TPH-g, BTEX, HVOC
PR68	2	Amber	None	1L		TPH-d

Total Purge Volume: 1 gallons | Dispsal: Treatment system

Weather Conditions: Cloudy

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *V31* Date: 10-26-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
							1	2	(4)	6			
	10.10	-	8.95	=	1.15	X	0.04	0.16	0.64	1.44	.74	=	2.22

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: .25 *gpm*

Time	1505	1508				
Volume Purge (gal)	0	.75				
Temperature (C/F)	41	41				
pH	7.1	7.3				
Spec Cond (umhos)	1390	1380				
Turbidity/Color	low / clear	high / black	/	/	/	/
Odor (Y/N)	Y	Y				
Casing Volumes	0	1.01				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1600 Approximate Depth to Water During Sampling: 9 *feet*

Comments: Sheen

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
V31	4	Voa	HCL	40 ml	med / cloudy	TPH-g, BTEX, HVOC
V31	2	Amber	None	1L	mod / cloudy	TPH-d
					/	
					/	

Total Purge Volume: .75 gallons Dispsal: *Treatment system*

Weather Conditions: cloudy

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

Well Head Conditions Requiring Correction: NO

Problems Encountered During Purging and Sampling: NO

Comments:

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *V55* Date: 10-27-99

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	10.00	−	8.98	=	1.02	X	1	2	(4)	6	.66	=	1.98
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: ~~*Disposable Bailer*~~ Purge Depth: *Screen* Purge Rate: *gpm*

Time	1100					
Volume Purge (gal)						
Temperature (°F)	52	[redacted]				
pH	7.2					
Spec Cond (umhos)	1700					
Turbidity/Color	med grey					
Odor (Y/N)	Y					
Casing Volumes						
Dewatered (Y/N)	Y					

Comments/Observbations: Purged Dry By System. Let recharge Pump dry at 1200

SAMPLING DATA

Time Sampled: 1100 (10/28/99) Approximate Depth to Water During Sampling: *feet*

Comments: .01' product

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
V55	*4*	*Voa*	*HCL*	*40 ml*		*TPH-g, BTEX, HVOC*
V55	X 1	*Amber*	*None*	*1L*		*TPH-d*

Total Purge Volume: gallons Dispsal: *Treatment system*

Weather Conditions:

Condition of Well Box and Casing at Time of Sampling:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging and Sampling:

Comments: Slow Recharge

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: Nestle | Well No: V72 | Date: 10-28-99

Project No: TMNEST.3 | Personnel: Chris Chatburn

GAUGING DATA

Water Level Measuring Method: Interface Probe | Measuring Point Descriptic TOC

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	11.50	−	10.94	=	.56	X	1	2	(4)	6	.36	=	1.08
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Disposable Bailer | Purge Depth: Screen | Purge Rate: .05 gpm

Time	1555	~~1556~~/1605				
Volume Purge (gal)	0	.5				
Temperature (~~C~~/F)	51	50				
pH	7.5	7.2				
Spec Cond (umhos)	640	620				
Turbidity/Color	med / Cloudy	med / Cloudy				
Odor (Y/N)	Y	Y				
Casing Volumes	0	1.38				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: 1630 | Approximate Depth to Water During Sampling: 11 feet

Comments: Sheen

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
V72	4	Voa	HCL	40 ml	med / Cloudy	TPH-g, BTEX, HVOC
V72	~~2~~ 1	Amber	None	1L	med / Cloudy	TPH-d

Total Purge Volume: .5 gallons | Dispsal: Treatment system

Weather Conditions: Sunny

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

Well Head Conditions Requiring Correction: OK

Problems Encountered During Purging and Sampling: no

Comments: Slow recharge

ETIC Engineering, Inc.

GROUNDWATER PURGE AND SAMPLE

Project Name: *Nestle* Well No: *V84* Date: *10-26-99*

Project No: *TMNEST.3* Personnel: *Chris Chatburn*

GAUGING DATA

Water Level Measuring Method: *Interface Probe* Measuring Point Descriptic *TOC*

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	11.34	(-)	*10.11*	(=)	*1.23*	(X)	1	2	(4)	6	~~1.5~~ .79	(=)	*2.37*
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: *Disposable Bailer* Purge Depth: *Screen* Purge Rate: *.25* *gpm*

Time	1610	1614				
Volume Purge (gal)	0	1				
Temperature (~~C~~)F	45	46				
pH	7.4	7.3				
Spec. Cond. (umhos)	500	500				
Turbidity/Color	low / clear	high / black				
Odor (Y/N)	N	Y				
Casing Volumes	0	1.26				
Dewatered (Y/N)	N	Y				

Comments/Observbations:

SAMPLING DATA

Time Sampled: *1645* Approximate Depth to Water During Sampling: *10.5* *feet*

Comments: *Sheen*

Sample Number	Number of Containers	Container Type	Perservative	Volume Filled (mL or L)	Turbidity/ Color	Analysis Method
V84	*4*	*Voa*	*HCL*	*40 ml*	med / cloudy	*TPH-g, BTEX, HVOC*
V84	*2*	*Amber*	*None*	*1L*	med / cloudy	*TPH-d*

Total Purge Volume: 1 gallons Dispsal: *Treatment system*

Weather Conditions: *Sunny*

Condition of Well Box and Casing at Time of Sampling: *Ok*

Well Head Conditions Requiring Correction: *NO*

Problems Encountered During Purging and Sampling: *NO*

Comments:

Appendix B

Laboratory Analytical Reports

Third Quarter 1999

Nestlé USA

P.O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

TEL (614) 526-5000
FAX (614) 526-5353

Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 29
7-23-99 10:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236516
Lab#: 99JUL8388-01

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/01/1999
Benzene	ND	µg/L	0.50	EPA 8020	08/01/1999
Toluene	ND	µg/L	0.50	EPA 8020	08/01/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	08/01/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	08/01/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/04/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999

Nestlé USA

P O BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

TEL (614) 526-5000
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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 29
7-23-99 10:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236516
Lab#: 99JUL8388-01

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

P.O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 30
7-22-99 12:55
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236517
Lab#: 99JUL8388-02

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	0.90	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 30
7-22-99 12:55
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236517
Lab#: 99JUL8388-02

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 81
7-22-99 14:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236518
Lab#: 99JUL8388-03

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	0.70	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 81
7-22-99 14:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236518
Lab#: 99JUL8388-03

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 94
7-22-99 15:20
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236519
Lab#: 99JUL8388-04

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	ND	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 94
7-22-99 15:20
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236519
Lab#: 99JUL8388-04

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 224
7-26-99 14:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236520
Lab#: 99JUL8388-05

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/01/1999
Benzene	ND	µg/L	0.50	EPA 8020	08/01/1999
Toluene	ND	µg/L	0.50	EPA 8020	08/01/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	08/01/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	08/01/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	0.64	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/04/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 224
7-26-99 14:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236520
Lab#: 99JUL8388-05

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 239
7-26-99 11:10
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236521
Lab#: 99JUL8388-06

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	30.0	mg/L	0.50	CA-Luft	08/06/1999
Benzene	55000	µg/L	500	EPA 8020	08/06/1999
Toluene	85.0	µg/L	5.00	EPA 8020	08/06/1999
Ethylbenzene	1500	µg/L	50.0	EPA 8020	08/06/1999
m&p Xylenes	150	µg/L	5.00	EPA 8020	08/06/1999
o-Xylene	40.0	µg/L	0.50	EPA 8020	08/06/1999
Total Xylene	190	µg/L	5.00	EPA 8020	08/06/1999
Methyl t-butyl ether	5.30	µg/L	0.50	EPA 8020	08/06/1999
Diesel Range Organics	broken	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 239
7-26-99 11:10
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236521
Lab#: 99JUL8388-06

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999

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: Broken bottle (s)

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 249
7-22-99 11:45
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236522
Lab#: 99JUL8388-07

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	ND	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: 249
7-22-99 11:45
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236522
Lab#: 99JUL8388-07

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW2
7-22-99 11:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236523
Lab#: 99JUL8388-08

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	ND	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW2
7-22-99 11:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236523
Lab#: 99JUL8388-08

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW3
7-23-99 17:10
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236524
Lab#: 99JUL8388-09

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	4.00	mg/L	0.05	CA-Luft	08/01/1999
Benzene	1500	µg/L	50.0	EPA 8020	08/03/1999
Toluene	140	µg/L	5.00	EPA 8020	08/03/1999
Ethylbenzene	76.0	µg/L	5.00	EPA 8020	08/03/1999
m&p Xylenes	180	µg/L	5.00	EPA 8020	08/03/1999
o-Xylene	80.0	µg/L	5.00	EPA 8020	08/03/1999
Total Xylene	260	µg/L	5.00	EPA 8020	08/03/1999
Methyl t-butyl ether	5.60	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	0.79	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloroethane	1.0	µg/L	0.5	EPA 8010	08/03/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW3
7-23-99 17:10
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236524
Lab#: 99JUL8388-09

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW15
7-22-99 16:05
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236525
Lab#: 99JUL8388-10

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	ND	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW15
7-22-99 16:05
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236525
Lab#: 99JUL8388-10

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW25
7-23-99 13:58
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236526
Lab#: 99JUL8388-11

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/01/1999
Benzene	1.80	µg/L	0.50	EPA 8020	08/01/1999
Toluene	ND	µg/L	0.50	EPA 8020	08/01/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	08/01/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	08/01/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Methyl t-butyl ether	23.0	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethane	30	µg/L	0.5	EPA 8010	08/03/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloroethane	58	µg/L	1.0	EPA 8010	08/03/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW25
7-23-99 13:58
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236526
Lab#: 99JUL8388-11

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW26
7-23-99 14:45
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236527
Lab#: 99JUL8388-12

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	0.18	mg/L	0.05	CA-Luft	08/01/1999
Benzene	7.10	µg/L	0.50	EPA 8020	08/01/1999
Toluene	ND	µg/L	0.50	EPA 8020	08/01/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	08/01/1999
m&p Xylenes	0.80	µg/L	0.50	EPA 8020	08/01/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Methyl t-butyl ether	12.0	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethane	12	µg/L	0.5	EPA 8010	08/03/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloroethane	32	µg/L	0.5	EPA 8010	08/03/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW26
7-23-99 14:45
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236527
Lab#: 99JUL8388-12

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999

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: Broken bottle (s).
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Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW27
7-23-99 15:25
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236528
Lab#: 99JUL8388-13

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/01/1999
Benzene	ND	µg/L	0.50	EPA 8020	08/01/1999
Toluene	ND	µg/L	0.50	EPA 8020	08/01/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	08/01/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	08/01/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloroethane	0.7	µg/L	0.5	EPA 8010	08/03/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW27
7-23-99 15:25
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236528
Lab#: 99JUL8388-13

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW28
7-23-99 11:20
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236529
Lab#: 99JUL8388-14

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/01/1999
Benzene	ND	µg/L	0.50	EPA 8020	08/01/1999
Toluene	ND	µg/L	0.50	EPA 8020	08/01/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	08/01/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	08/01/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Methyl t-butyl ether	1.80	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloroethane	50	µg/L	0.5	EPA 8010	08/03/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW28
7-23-99 11:20
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236529
Lab#: 99JUL8388-14

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

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Laboratory Report

Binayak Acharya
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Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW29
7-23-99 12:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236530
Lab#: 99JUL8388-15

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/01/1999
Benzene	ND	µg/L	0.50	EPA 8020	08/01/1999
Toluene	ND	µg/L	0.50	EPA 8020	08/01/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	08/01/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	08/01/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	08/01/1999
Methyl t-butyl ether	4.70	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethene	2.3	µg/L	0.5	EPA 8010	08/03/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999
cis 1,2-Dichloroethene	2.3	µg/L	0.5	EPA 8010	08/03/1999
1,1-Dichloroethane	44	µg/L	0.5	EPA 8010	08/03/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloroethane	33	µg/L	0.5	EPA 8010	08/03/1999
Trichloroethene	1.9	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/03/1999

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW29
7-23-99 12:15
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/23/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236530
Lab#: 99JUL8388-15

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/03/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/03/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/03/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/03/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW33
7-22-99 16:25
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236531
Lab#: 99JUL8388-16

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	8.90	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	1.00	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	ND	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	0.6	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	0.7	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW33
7-22-99 16:25
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236531
Lab#: 99JUL8388-16

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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 Heuser
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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW30
7-22-99 13:30
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236532
Lab#: 99JUL8388-17

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.05	CA-Luft	08/02/1999
Benzene	ND	µg/L	0.50	EPA 8020	07/31/1999
Toluene	ND	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	ND	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	broken	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW30
7-22-99 13:30
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236532
Lab#: 99JUL8388-17

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW32
7-22-99 12:35
PO/Ref/Disp#:. TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236533
Lab#: 99JUL8388-18

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	0.90	mg/L	0.05	CA-Luft	08/02/1999
Benzene	59.0	µg/L	5.00	EPA 8020	08/05/1999
Toluene	0.80	µg/L	0.50	EPA 8020	07/31/1999
Ethylbenzene	1.80	µg/L	0.50	EPA 8020	07/31/1999
m&p Xylenes	ND	µg/L	0.50	EPA 8020	07/31/1999
o-Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Total Xylene	ND	µg/L	0.50	EPA 8020	07/31/1999
Methyl t-butyl ether	8.70	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	0.22	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0 5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	5.9	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW32
7-22-99 12:35
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236533
Lab#: 99JUL8388-18

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR26
7-26-99 12:30
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236534
Lab#: 99JUL8388-19

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	82.5	mg/L	1.25	CA-Luft	08/03/1999
Benzene	20000	µg/L	250	EPA 8020	08/03/1999
Toluene	15000	µg/L	250	EPA 8020	08/03/1999
Ethylbenzene	1100	µg/L	12.5	EPA 8020	08/03/1999
m&p Xylenes	5000	µg/L	250	EPA 8020	08/03/1999
o-Xylene	2250	µg/L	250	EPA 8020	08/03/1999
Total Xylene	7250	µg/L	250	EPA 8020	08/03/1999
Methyl t-butyl ether	33.0	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	11.0	mg/L	10.0	CA-Luft	08/13/1999

Insufficient sample to analyze EPA 8010.

ND : Not Detected.

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Sample condition upon receipt: Good.
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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR45
7-26-99 15:30
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236535
Lab#: 99JUL8388-20

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	82.5	mg/L	1.25	CA-Luft	08/03/1999
Benzene	13200	µg/L	200	EPA 8020	08/03/1999
Toluene	8200	µg/L	100	EPA 8020	08/03/1999
Ethylbenzene	2600	µg/L	100	EPA 8020	08/03/1999
m&p Xylenes	10600	µg/L	100	EPA 8020	08/03/1999
o-Xylene	5000	µg/L	100	EPA 8020	08/03/1999
Total Xylene	15600	µg/L	100	EPA 8020	08/03/1999
Methyl t-butyl ether	35.0	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	39.0	mg/L	10.0	CA-Luft	08/13/1999

Insufficient sample to analyze EPA 8010.

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 Heuser
Chemist

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR52
7-26-99 16:50
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236536
Lab#: 99JUL8388-21

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	172	mg/L	10.0	CA-Luft	08/08/1999
Benzene	12000	µg/L	500	EPA 8020	08/10/1999
Toluene	1720	µg/L	100	EPA 8020	08/08/1999
Ethylbenzene	750	µg/L	12.5	EPA 8020	08/08/1999
m&p Xylenes	8400	µg/L	100	EPA 8020	08/08/1999
o-Xylene	4000	µg/L	100	EPA 8020	08/08/1999
Total Xylene	12400	µg/L	100	EPA 8020	08/08/1999
Methyl t-butyl ether	217	µg/L	12.5	EPA 8020	08/08/1999
Diesel Range Organics	40.0	mg/L	10.0	CA-Luft	08/13/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
Methylene Chloride	7.9	µg/L	0.5	EPA 8010	08/04/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloroethane	1.8	µg/L	0.5	EPA 8010	08/04/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR52
7-26-99 16:50
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236536
Lab#: 99JUL8388-21

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999

ND : Not Detected.

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Sample condition upon receipt: Good.
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John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR53
7-26-99 17:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236537
Lab#: 99JUL8388-22

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	110	mg/L	5.00	CA-Luft	08/10/1999
Benzene	31000	µg/L	500	EPA 8020	08/10/1999
Toluene	12000	µg/L	500	EPA 8020	08/10/1999
Ethylbenzene	1900	µg/L	50.0	EPA 8020	08/10/1999
m&p Xylenes	6400	µg/L	50.0	EPA 8020	08/10/1999
o-Xylene	2400	µg/L	50.0	EPA 8020	08/10/1999
Total Xylene	8800	µg/L	50.0	EPA 8020	08/10/1999
Methyl t-butyl ether	43.0	µg/L	0.50	EPA 8020	08/08/1999
Diesel Range Organics	98.0	mg/L	10.0	CA-Luft	08/13/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
Methylene Chloride	6.2	µg/L	0.5	EPA 8010	08/04/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloroethane	43	µg/L	0.5	EPA 8010	08/04/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/04/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR53
7-26-99 17:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236537
Lab#: 99JUL8388-22

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/04/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/04/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/04/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/04/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR54
7-26-99 17:40
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236538
Lab#: 99JUL8388-23

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	170	mg/L	5.00	CA-Luft	08/10/1999
Benzene	32000	µg/L	500	EPA 8020	08/10/1999
Toluene	22000	µg/L	500	EPA 8020	08/10/1999
Ethylbenzene	1500	µg/L	50.0	EPA 8020	08/10/1999
m&p Xylenes	14000	µg/L	500	EPA 8020	08/10/1999
o-Xylene	7800	µg/L	500	EPA 8020	08/10/1999
Total Xylene	21800	µg/L	500	EPA 8020	08/10/1999
Methyl t-butyl ether	56.0	µg/L	0.50	EPA 8020	08/08/1999
Diesel Range Organics	28.0	mg/L	10.0	CA-Luft	08/13/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
Methylene Chloride	2.5	µg/L	0.5	EPA 8010	08/06/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloroethane	3.0	µg/L	0.5	EPA 8010	08/06/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR54
7-26-99 17:40
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236538
Lab#: 99JUL8388-23

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR64
7-26-99 10:55
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236539
Lab#: 99JUL8388-24

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	110	mg/L	5.00	CA-Luft	08/09/1999
Benzene	22000	µg/L	500	EPA 8020	08/10/1999
Toluene	18000	µg/L	500	EPA 8020	08/10/1999
Ethylbenzene	1700	µg/L	50.0	EPA 8020	08/09/1999
m&p Xylenes	7200	µg/L	50.0	EPA 8020	08/09/1999
o-Xylene	3100	µg/L	50.0	EPA 8020	08/09/1999
Total Xylene	10300	µg/L	50.0	EPA 8020	08/09/1999
Methyl t-butyl ether	35.0	µg/L	0.50	EPA 8020	08/06/1999
Diesel Range Organics	broken	mg/L	0.20	CA-Luft	08/10/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
Methylene Chloride	1.4	µg/L	0.5	EPA 8010	08/06/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloroethane	>50	µg/L	0.5	EPA 8010	08/06/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999

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October 4, 1999

Doug Oram
ETIC Engineering
144 Mayhew Way
Walnut Creek, CA 94596

Dear Doug,

Per our conversation, this is a written verification concerning the estimated concentration of 1,2-Dichloroethane in Well ID# PR64 (NQAL #99JUL8388-24). Based on the undiluted analysis the concentration can be estimated at 130 ug/L.

The other sample vials were used in two other analyses and a dilution could not be analyzed.

Please call if you have any questions.

Best regards,

Frank R Machesky

Frank R. Machesky
Environmental

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR64
7-26-99 10:55
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236539
Lab#: 99JUL8388-24

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236540
Lab#: 99JUL8388-25

Sample Description: Water-Oakland,CA
Sample ID: PR65
7-26-99 11:30
PO/Ref/Disp#: TMNEST.3

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	68.0	mg/L	5.00	CA-Luft	08/10/1999
Benzene	12000	µg/L	500	EPA 8020	08/10/1999
Toluene	1400	µg/L	50.0	EPA 8020	08/10/1999
Ethylbenzene	1300	µg/L	50.0	EPA 8020	08/10/1999
m&p Xylenes	8100	µg/L	50.0	EPA 8020	08/10/1999
o-Xylene	4900	µg/L	50.0	EPA 8020	08/10/1999
Total Xylene	13000	µg/L	50.0	EPA 8020	08/10/1999
Methyl t-butyl ether	20.0	µg/L	0.50	EPA 8020	08/08/1999
Diesel Range Organics	16.5	mg/L	10.0	CA-Luft	08/13/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloroethane	2.6	µg/L	0.5	EPA 8010	08/06/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR65
7-26-99 11:30
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236540
Lab#: 99JUL8388-25

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR68
7-26-99 11:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236541
Lab#: 99JUL8388-26

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	4.90	mg/L	0.05	CA-Luft	08/08/1999
Benzene	1900	µg/L	50.0	EPA 8020	08/10/1999
Toluene	24.0	µg/L	0.50	EPA 8020	08/08/1999
Ethylbenzene	27.0	µg/L	0.50	EPA 8020	08/08/1999
m&p Xylenes	46.0	µg/L	0.50	EPA 8020	08/08/1999
o-Xylene	16.0	µg/L	0.50	EPA 8020	08/08/1999
Total Xylene	62.0	µg/L	0.50	EPA 8020	08/08/1999
Methyl t-butyl ether	4.40	µg/L	0.50	EPA 8020	08/08/1999
Diesel Range Organics	11.0	mg/L	10.0	CA-Luft	08/13/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloroethane	1.2	µg/L	0.5	EPA 8010	08/06/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: PR68
7-26-99 11:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236541
Lab#: 99JUL8388-26

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999

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: Broken bottle (s)

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: V31
7-26-99 12:45
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236542
Lab#: 99JUL8388-27

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	17.5	mg/L	1.25	CA-Luft	08/03/1999
Benzene	7000	µg/L	250	EPA 8020	08/03/1999
Toluene	600	µg/L	12.5	EPA 8020	08/03/1999
Ethylbenzene	550	µg/L	12.5	EPA 8020	08/03/1999
m&p Xylenes	1130	µg/L	12.5	EPA 8020	08/03/1999
o-Xylene	245	µg/L	12.5	EPA 8020	08/03/1999
Total Xylene	1370	µg/L	12.5	EPA 8020	08/03/1999
Methyl t-butyl ether	19.0	µg/L	0.50	EPA 8020	08/01/1999
Diesel Range Organics	5.35	mg/L	1.00	CA-Luft	08/13/1999

Insufficient sample to analyze EPA 8010.

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: V55
7-22-99 17:30
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236543
Lab#: 99JUL8388-28

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	30.0	mg/L	1.00	CA-Luft	08/06/1999
Benzene	8000	µg/L	250	EPA 8020	08/05/1999
Toluene	480	µg/L	10.0	EPA 8020	08/05/1999
Ethylbenzene	740	µg/L	10.0	EPA 8020	08/05/1999
m&p Xylenes	2180	µg/L	10.0	EPA 8020	08/05/1999
o-Xylene	700	µg/L	10.0	EPA 8020	08/05/1999
Total Xylene	2880	µg/L	10.0	EPA 8020	08/05/1999
Methyl t-butyl ether	13.0	µg/L	0.50	EPA 8020	07/31/1999
Diesel Range Organics	2.10	mg/L	1.00	CA-Luft	08/13/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/01/1999

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: V55
7-22-99 17:30
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/22/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236543
Lab#: 99JUL8388-28

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/01/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/01/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/01/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/01/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

P.O BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

TEL (614) 526-5000
FAX (614) 526-5353

Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: V84
7-26-99 13:38
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236544
Lab#: 99JUL8388-29

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	8.70	mg/L	0.50	CA-Luft	08/08/1999
Benzene	2400	µg/L	50.0	EPA 8020	08/08/1999
Toluene	440	µg/L	5.00	EPA 8020	08/08/1999
Ethylbenzene	80.0	µg/L	5.00	EPA 8020	08/08/1999
m&p Xylenes	200	µg/L	5.00	EPA 8020	08/08/1999
o-Xylene	140	µg/L	5.00	EPA 8020	08/08/1999
Total Xylene	340	µg/L	5.00	EPA 8020	08/08/1999
Methyl t-butyl ether	6.40	µg/L	0.50	EPA 8020	08/08/1999
Diesel Range Organics	2.35	mg/L	1.00	CA-Luft	08/13/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
Methylene Chloride	ND	µg/L	0 5	EPA 8010	08/06/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloroethane	2.4	µg/L	0.5	EPA 8010	08/06/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: V84
7-26-99 13:38
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236544
Lab#: 99JUL8388-29

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

P.O. BOX 1516
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DUBLIN, OH 43017-6516

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203
cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: V72
7-26-99 16:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236545
Lab#: 99JUL8388-30

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	3.90	mg/L	0.05	CA-Luft	08/08/1999
Benzene	13500	µg/L	250	EPA 8020	08/08/1999
Toluene	6.80	µg/L	0.50	EPA 8020	08/08/1999
Ethylbenzene	1.10	µg/L	0.50	EPA 8020	08/08/1999
m&p Xylenes	0.80	µg/L	0.50	EPA 8020	08/08/1999
o-Xylene	3.10	µg/L	0.50	EPA 8020	08/08/1999
Total Xylene	3.90	µg/L	0.50	EPA 8020	08/08/1999
Methyl t-butyl ether	ND	µg/L	0.50	EPA 8020	08/08/1999
Diesel Range Organics	12.9	mg/L	2.00	CA-Luft	08/16/1999
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Vinyl chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromomethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
Methylene Chloride	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Chloroform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,1-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloroethane	11	µg/L	0.5	EPA 8010	08/06/1999
Trichloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromodichloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Tetrachloroethene	ND	µg/L	0.5	EPA 8010	08/06/1999

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
Glendale, CA 91203

cc: Doug Oram-EA Engineering

Sample Description: Water-Oakland,CA
Sample ID: V72
7-26-99 16:00
PO/Ref/Disp#: TMNEST.3

Date Sampled 07/26/1999
Date Received: 07/28/1999
Date Reported: 08/18/1999
Report Number: 236545
Lab#: 99JUL8388-30

Test	Result	Units	DetLim	Method	Analysis Date
Dibromochloromethane	ND	µg/L	0.5	EPA 8010	08/06/1999
Bromoform	ND	µg/L	0.5	EPA 8010	08/06/1999
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8010	08/06/1999
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999
Chlorobenzene	ND	µg/L	0.5	EPA 8010	08/06/1999

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.

Results relate only to the items tested.

John Heuser
Chemist

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
464 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Company Name: ETIC Engineering Inc.	Project Name: Nestle 130 14th St. Oakland Ca
Mailing Address: 144 Mayhew Way	Billing Address (if different):
City: Walnut Creek State: Ca Zip Code: 94596	
Telephone: (925) 977-7944 FAX #: (925) 977-7915	P.O. #: TMNEST.3
Report To: Doug Oram Sampler: Chris Chatburn	QC Data: ☑ Level II (Standard) ☐ Chromatograms ☐ Level III ☐ Level IV

Turnaround Time: ☑ Standard 10–15 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Day ☐ ASAP

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg BTEX	HVOC	TPHd							Comments
1. 29	7-23/1015	H_2O	5	voa, amber		X	X	X							8388-01
2. 30	7-22/1255					X	X	X							02
3. 81	7-22/1415					X	X	X							03
4. 94	7-22/1520					X	X	X	Broken Vials -2						VH 7/28/99 04
5. 224	7-26/1400					X	X	X							05
6. 239	7-26/1110					X	X	X	Broken Vials Broken Bottle -2						VH 7/29/99 06
7. 249	7-22/1145					X	X	X							07
8. MW2	7-22/1115					X	X	X							08
9. MW3	7-23/1710					X	X	X							09
10. MW15	7-22/1605	↓	↓	↓		X	X	X							↓ 10

99 Jul

Relinquished By: Chris Chatburn	Date: 7-27-99	Time: 1100	Received By: F. BRENEHAN	Date: 7-28-99 Time: 9:55
Relinquished By:	Date:	Time:	Received By:	Date: Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date: Time:

TEMP 10.8°

Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☑ Yes ☐ No Method of Shipment AIRBORNE Page 1 of 3

Pink - Client
Yellow - Sequoia
White - Sequoia

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233
819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 ,FAX (916) 921-0100
404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Received JUL 28 1999

Company Name: ETIC Engineering, Inc.		Project Name: Nestle 1310 14th St. Oakland Ca	
Mailing Address: 144 Mayhew Way		Billing Address (if different):	
City: Walnut Creek State: Ca	Zip Code: 94596		
Telephone: (925) 477-7914	FAX #: (925) 977-7915	P.O. #: TMNEST.3	
Report To: Doug Oram	Sampler: Chris Chatham	QC Data: ☒ Level II (Standard) ☐ Chromatograms ☐ Level III ☐ Level IV	

Turnaround Time: ☒ Standard 10–15 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Day ☐ ASAP

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg BTEX	HVOC	TPH d	Comments
1. MW25	7-23/1358	H_2O	5	Voa, amber		X	X	X	8388-11
2. MW26	7-23/1445	"	"	"		X	X	X	Broken Vial - 1 VH 7/28/99 12
3. MW27	7-23/1525	"	"	"		X	X	X	13
4. MW28	7-23/1120	"	"	"		X	X	X	14
5. MW29	7-23/1215	"	"	"		X	X	X	15
6. MW33	7-22/1625	"	"	"		X	X	X	16
7. MW30	7-22/1330	"	"	"		X	X	X	Broken vial - 1 Broken Bottle VH 7/28/99 17
8. MW32	7-22/1235	"	"	"		X	X	X	18
9. PR26	7-26/1230	"	"	"		X	X	X	19
10. PR45	7-26/1530	"	"	"		X	X	X	20

99 gal

Pink - Client
Yellow - Sequoia
White - Sequoia

Relinquished By:	Date: 7-27-99	Time: 1100	Received By: F. BRENEMAN	Date: 7/28/99	Time: 9:30	TEMP 33°C
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:	

Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☒ Yes ☐ No Method of Shipment AIRBORNE

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
☐ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
☐ 2455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
☐ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

NESTLE 6667 97 page 1 of 2

Company Name: ETIC Engineering Inc	Project Name: Nestle 1310 14th st Oakland Ca
Mailing Address: 144 Mayhew Way	Billing Address (if different):
City: Walnut Creek State: Ca Zip Code: 94596	
Telephone: (925) 477-7914 FAX #: (925) 972-2915	P.O. #: TMNEST. 3
Report To: Doug Oram Sampler: Chris Chatburn	QC Data: ☒ Level II (Standard) ☐ Chromatograms ☐ Level III ☐ Level IV

Turnaround Time: ☒ Standard 10–15 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Day ☐ ASAP

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg BTEX	HVOC	TPHd	Comments
1. PR52	7-26/1650	H_2O	5	VOC/amber		X	X	X	8388-21
2. PR53	7-26/1700					X	X	X	22
3. PR54	7-26/1740					X	X	X	23
4. PR64	7-26/1055					X	X	X	24
5. PR65	7-26/1130					X	X	X	25
6. PR68	7-26/1100					X	X	X	Broken Vial -1 VH 7/28/99 26
7. V31	7-26/1245					X	X	X	27
8. V55	7-22/1730					X	X	X	28
9. V84	7-26/1338					X	X	X	29
10. V72	7-26/1600					X	X	X	30

Yellow - Sequoia
Pink - Client
White - Sequoia

Relinquished By:	Date: 7-27-99	Time: 1100	Received By: F BRENEMAN	Date: 7-28-99	Time: 9:45
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

TEMP 10.6°

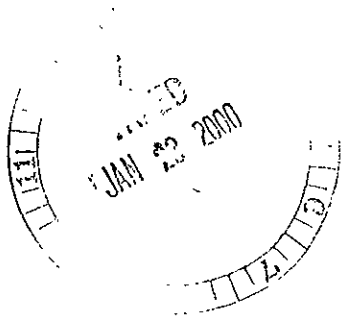
Were Samples Received in Good Condition? ☐ Yes ☐ No Samples on Ice? ☒ Yes ☐ No Method of Shipment AIRBORNE

Fourth Quarter 1999

Nestlé USA

P O BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

TEL (614) 526-5000
FAX (614) 526-5353



Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: 29
10/28/99 11:45
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242796
Lab#: 99NOV8100-01

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/9/99
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: 29
10/28/99 11:45
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242796
Lab#: 99NOV8100-01

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	ND	µg/L	0.5	EPA 8021	11/10/99
Toluene	ND	µg/L	0.5	EPA 8021	11/10/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/10/99
m&p Xylenes	ND	µg/L	0.5	EPA 8021	11/10/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/10/99

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

P.O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

TEL (614) 526-5000
FAX (614) 526-5353

Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: 30
10/28/99 12:45
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242800
Lab#: 99NOV8100-02

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: 30
10/28/99 12:45
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242800
Lab#: 99NOV8100-02

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	ND	µg/L	0.5	EPA 8021	11/10/99
Toluene	ND	µg/L	0.5	EPA 8021	11/10/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/10/99
m&p Xylenes	ND	µg/L	0.5	EPA 8021	11/10/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/10/99

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: MW30
10/28/99 14:50
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242801
Lab#: 99NOV8100-03

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: MW30
10/28/99 14:50
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242801
Lab#: 99NOV8100-03

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	ND	µg/L	0.5	EPA 8021	11/10/99
Toluene	ND	µg/L	0.5	EPA 8021	11/10/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/10/99
m&p Xylenes	ND	µg/L	0.5	EPA 8021	11/10/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/10/99

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: MW32
10/28/99 13:45
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242802
Lab#: 99NOV8100-04

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	0.5	mg/L	0.1	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	12	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242802
Lab#: 99NOV8100-04

Sample Description: Water-Oakland CA
Sample ID: MW32
10/28/99 13:45
PO/Ref/Disp#: Nestle

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	95	µg/L	5.0	EPA 8021	11/12/99
Toluene	2.5	µg/L	0.5	EPA 8021	11/11/99
Ethylbenzene	2.1	µg/L	0.5	EPA 8021	11/11/99
m&p Xylenes	1.6	µg/L	0.5	EPA 8021	11/11/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/11/99

The dilution for benzene was analyzed one day beyond the 14 day hold time.

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.

Results relate only to the items tested.

John Heuser
Chemist

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: MW33
10/28/99 14:00
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242803
Lab#: 99NOV8100-05

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	0.2	mg/L	0.1	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	0.8	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	1.3	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: MW33
10/28/99 14:00
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242803
Lab#: 99NOV8100-05

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	40	µg/L	0.5	EPA 8021	11/11/99
Toluene	0.9	µg/L	0.5	EPA 8021	11/11/99
Ethylbenzene	21	µg/L	0.5	EPA 8021	11/11/99
m&p Xylenes	3.3	µg/L	0.5	EPA 8021	11/11/99
o-Xylene	0.5	µg/L	0.5	EPA 8021	11/11/99

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: MW3
10/28/99 15:30
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242804
Lab#: 99NOV8100-06

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	0.6	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	3.0	mg/L	1.0	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	0.9	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: MW3
10/28/99 15:30
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242804
Lab#: 99NOV8100-06

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	1100	µg/L	50	EPA 8021	11/9/99
Toluene	43	µg/L	0.5	EPA 8021	11/11/99
Ethylbenzene	58	µg/L	0.5	EPA 8021	11/11/99
m&p Xylenes	81	µg/L	0.5	EPA 8021	11/11/99
o-Xylene	21	µg/L	0.5	EPA 8021	11/11/99

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: PR45
10/28/99 16:15
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242805
Lab#: 99NOV8100-07

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	25	mg/L	10	CA-Luft	11/17/99
Gasoline Range Organics	45	mg/L	5.0	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99

Nestlé USA

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DUBLIN, OH 43017-6516

TEL (614) 526-5000
FAX (614) 526-5353

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: PR45
10/28/99 16:15
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242805
Lab#: 99NOV8100-07

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	12000	µg/L	500	EPA 8021	11/9/99
Toluene	8200	µg/L	500	EPA 8021	11/9/99
Ethylbenzene	1700	µg/L	50	EPA 8021	11/9/99
m&p Xylenes	4500	µg/L	50	EPA 8021	11/9/99
o-Xylene	4000	µg/L	50	EPA 8021	11/9/99

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: PR52
10/28/99 16:50
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242806
Lab#: 99NOV8100-08

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	450	mg/L	100	CA-Luft	11/19/99
Gasoline Range Organics	40	mg/L	5.0	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: PR52
10/28/99 16:50
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242806
Lab#: 99NOV8100-08

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	19000	µg/L	500	EPA 8021	11/9/99
Toluene	530	µg/L	50	EPA 8021	11/9/99
Ethylbenzene	1800	µg/L	50	EPA 8021	11/9/99
m&p Xylenes	4700	µg/L	50	EPA 8021	11/9/99
o-Xylene	1100	µg/L	50	EPA 8021	11/9/99

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.

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242807
Lab#: 99NOV8100-09

Sample Description: Water-Oakland CA
Sample ID: V55
10/28/99 11:00
PO/Ref/Disp#: Nestle

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	38	mg/L	4.0	CA-Luft	11/17/99
Gasoline Range Organics	28	mg/L	1.0	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: V55
10/28/99 11:00
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242807
Lab#: 99NOV8100-09

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	11000	µg/L	250	EPA 8021	11/9/99
Toluene	59	µg/L	5.0	EPA 8021	11/10/99
Ethylbenzene	1200	µg/L	25	EPA 8021	11/9/99
m&p Xylenes	270	µg/L	25	EPA 8021	11/9/99
o-Xylene	47	µg/L	5.0	EPA 8021	11/10/99

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.

Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: V72
10/28/99 16:30
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242808
Lab#: 99NOV8100-10

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	48	mg/L	4.0	CA-Luft	11/17/99
Gasoline Range Organics	6.0	mg/L	1.0	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	3.4	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: D. Oram- Etic Engineering

Sample Description: Water-Oakland CA
Sample ID: V72
10/28/99 16:30
PO/Ref/Disp#: Nestle

Date Sampled 10/28/99
Date Received: 11/3/99
Date Reported: 12/6/99
Report Number: 242808
Lab#: 99NOV8100-10

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	2900	µg/L	50	EPA 8021	11/10/99
Toluene	58	µg/L	5.0	EPA 8021	11/10/99
Ethylbenzene	21	µg/L	0.5	EPA 8021	11/11/99
m&p Xylenes	39	µg/L	0.5	EPA 8021	11/11/99
o-Xylene	8.7	µg/L	0.5	EPA 8021	11/11/99

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.

Results relate only to the items tested.

John Heuser
Chemist

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (650) [illegible] FAX (650) [illegible]
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
☐ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
☐ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
☐ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

SEQUOIA ANALYTICAL CHAIN OF CUSTODY

Company Name: ETIC Engineering Inc.	Project Name: Nestle
Mailing Address: 144 Mayhew Way	Billing Address (if different):
City: Walnut Creek State: CA Zip Code: 94596	
Telephone: (925) 977-7914 FAX #: (925) 977-7915	P.O. #:
Report To: Doug Oram Sampler: Chris Chattum	QC Data: ☒ Level II (Standard) ☐ Chromatograms ☐ Level III ☐ Level IV

Turnaround Time: ☒ Standard 10–15 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Day ☐ ASAP

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

11.6°C

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg BTEX	HVOC	TPHd							Comments
01 1. 29	10-28-99/1145	H_2O	4/2	voa/amber		X	X	X							
02 2. 30	10-28-99/1245	↓	↓	↓		X	X	X							
03 3. MW30	10-28-99/1450	↓	↓	↓		X	X	X							
04 4. MW 32	10-28-99/1315	↓	↓	↓		X	X	X							
05 5. MW 33	10-28-99/1400	↓	↓	↓		X	X	X							
6.															
7.															
8.															
9.															
10.															

NESTLE Received NOV 3 1999

Relinquished By: Chris Chattum	Date: 11/1/99	Time: 1130	Received By: F. Breneman	Date: 11/3/99	Time: 9:30
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

White - Sequoia Yellow - Sequoia Pink - Client

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233
☒ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
☐ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
☐ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
☐ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Company Name: ETIC Engineering Inc.	Project Name:
Mailing Address: 144 Maynew Way	Billing Address (if different):
City: Walnut Creek State: CA Zip Code: 94596	
Telephone: (925) 977-7914 FAX #: (925) 977-7915	P.O. #:
Report To: DOUG ORAM Sampler: Chris Chatburn	QC Data: ☒ Level II (Standard) ☐ Chromatograms ☐ Level III ☐ Level IV

Turnaround Time: ☒ Standard 10–15 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Day ☐ ASAP

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

14.0C

	Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH9 BTEX	HVOC	TPHd						Comments
06	1. MW 3	10-28-99/1530	H_2O	4/2	VOA/Amber		X	X	X						
07	2. PR45	10-28-99/1605					X	X	X						
09	3. PR52	10-28-99/1650					X	X	X						
09	4. V55	10-28-99/1100		4/1			X	X	X						
10	5. V72	10-28-99/1630		4/1			X	X	X						1 VOA BROKEN
	6.														
	7.														
	8.														
	9.														
	10.														

Received NOV 3 1999

Relinquished By: Chris Chatburn	Date: 11/1/99	Time: 1130	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: F Breneman	Date: 11/3/99	Time: 9:30
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

White - Sequoia Yellow - Sequoia Pink - Client

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
cc:Doug Oram-ETIC Engineering

Sample Description: Water-Oakland,CA
Sample ID: MW28
11-2-99 / 13:00
PO/Ref/Disp#: Nestle

Date Sampled 11/2/99
Date Received: 11/5/99
Date Reported: 12/6/99
Report Number: 242931
Lab#: 99NOV8154-01

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/11/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/11/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloroethane	32	µg/L	0.5	EPA 8021	11/11/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/11/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/11/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/11/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/11/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/11/99
Benzene	0.7	µg/L	0.5	EPA 8021	11/11/99

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
cc:Doug Oram-ETIC Engineering

Date Sampled 11/2/99
Date Received: 11/5/99
Date Reported: 12/6/99
Report Number: 242931
Lab#: 99NOV8154-01

Sample Description: Water-Oakland,CA
Sample ID: MW28
11-2-99 / 13:00
PO/Ref/Disp#: Nestle

Test	Result	Units	DetLim	Method	Analysis Date
Toluene	ND	µg/L	0.5	EPA 8021	11/11/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/11/99
m&p Xylenes	ND	µg/L	0.5	EPA 8021	11/11/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/11/99

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.

Results relate only to the items tested.

John Heuser
Chemist

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

☐ 680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
☐ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
☐ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
☐ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Company Name: ETIC Engineering Inc.	Project Name: Nestle
Mailing Address: 144 Mayhew Way	Billing Address (if different):
City: Walnut Creek State: CA Zip Code: 94596	
Telephone: 925-977-7914 FAX #: 925-977-7915	P.O. #:
Report To: Doug Oram Sampler: Chris Chatburn	QC Data: ☐ Level II (Standard) ☐ Chromatograms ☐ Level III ☐ Level IV

Turnaround Time: ☒ Standard 10–15 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Day ☐ ASAP

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg BTEX	HVOC								Comments
1. MW28	11-2-99/1300	H_2O	4	VOA		X	X								99NOV 8154-01
2.															
3.															
4.															
5.															
6.															
7.															
8.															
9.															
10.															

2.0C

Relinquished By:	Date: 11-4-99	Time: 1200	Received By: Vicki D. Holbrook	Date: 11/5/99	Time: ~10:00AM
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

White - Sequoia Yellow - Sequoia Pink - Client

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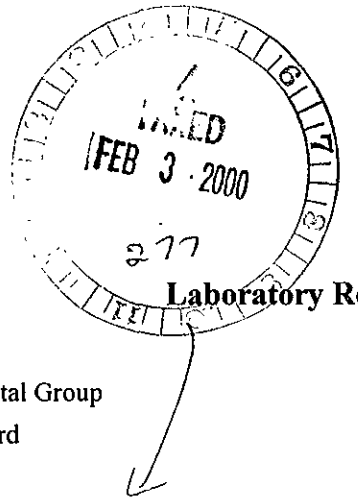

Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242518
Lab#: 99NOV8002-01

Sample Description: Water-Oakland Ca
Sample ID: MW25
10/27/99 / 1300
PO/Ref/Disp#: Not Specified

Test	Result	Units	DetLim	Method	Analysis Date
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/8/99
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	35	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	47	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW25
10/27/99 / 1300
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242518
Lab#: 99NOV8002-01

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	ND	µg/L	0.5	EPA 8021	11/10/99
Toluene	1.4	µg/L	0.5	EPA 8021	11/10/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/10/99
m&p Xylenes	1.0	µg/L	0.5	EPA 8021	11/10/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/10/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW26
10/27/99 / 1355
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242520
Lab#: 99NOV8002-02

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	0.4	mg/L	0.1	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	13	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	30	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW26
10/27/99 / 1355
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242520
Lab#: 99NOV8002-02

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	14	µg/L	0.5	EPA 8021	11/10/99
Toluene	1.4	µg/L	0.5	EPA 8021	11/10/99
Ethylbenzene	2.9	µg/L	0.5	EPA 8021	11/10/99
m&p Xylenes	7.8	µg/L	0.5	EPA 8021	11/10/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/10/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW27
10/27/99 / 1500
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242521
Lab#: 99NOV8002-03

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW27
10/27/99 / 1500
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242521
Lab#: 99NOV8002-03

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	ND	µg/L	0.5	EPA 8021	11/10/99
Toluene	ND	µg/L	0.5	EPA 8021	11/10/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/10/99
m&p Xylenes	ND	µg/L	0.5	EPA 8021	11/10/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/10/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW28
10/27/99 / 1535
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242522
Lab#: 99NOV8002-04

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW29
10/27/99 / 1605
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242523
Lab#: 99NOV8002-05

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	36	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	23	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: MW29
10/27/99 / 1605
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242523
Lab#: 99NOV8002-05

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	ND	µg/L	0.5	EPA 8021	11/10/99
Toluene	ND	µg/L	0.5	EPA 8021	11/10/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/10/99
m&p Xylenes	ND	µg/L	0.5	EPA 8021	11/10/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/10/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

P.O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

TEL (614) 526-5000
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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR53
10/27/99 / 1215
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242524
Lab#: 99NOV8002-06

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	16	mg/L	4.0	CA-Luft	11/17/99
Gasoline Range Organics	54	mg/L	2.0	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	18	µg/L	0.5	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR53
10/27/99 / 1215
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242524
Lab#: 99NOV8002-06

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	17000	µg/L	500	EPA 8021	11/9/99
Toluene	3900	µg/L	50	EPA 8021	11/9/99
Ethylbenzene	890	µg/L	50	EPA 8021	11/9/99
m&p Xylenes	2900	µg/L	50	EPA 8021	11/9/99
o-Xylene	420	µg/L	50	EPA 8021	11/9/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR64
10/27/99 / 1145
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242525
Lab#: 99NOV8002-07

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	50	mg/L	20	CA-Luft	11/17/99
Gasoline Range Organics	66	mg/L	2.0	CA-Luft	11/9/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/10/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/10/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloroethane	110	µg/L	5.0	EPA 8021	11/10/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/10/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/10/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/10/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/10/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/10/99

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR64
10/27/99 / 1145
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242525
Lab#: 99NOV8002-07

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	11000	µg/L	500	EPA 8021	11/9/99
Toluene	7400	µg/L	500	EPA 8021	11/9/99
Ethylbenzene	1200	µg/L	50	EPA 8021	11/10/99
m&p Xylenes	2200	µg/L	50	EPA 8021	11/10/99
o-Xylene	1700	µg/L	50	EPA 8021	11/10/99

ND : Not Detected.

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Sample condition upon receipt: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: 223
10/26/99 / 1445
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242526
Lab#: 99NOV8002-08

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	ND	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	ND	mg/L	0.1	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: 223
10/26/99 / 1445
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242526
Lab#: 99NOV8002-08

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	ND	µg/L	0.5	EPA 8021	11/8/99
Toluene	ND	µg/L	0.5	EPA 8021	11/8/99
Ethylbenzene	ND	µg/L	0.5	EPA 8021	11/8/99
m&p Xylenes	ND	µg/L	0.5	EPA 8021	11/8/99
o-Xylene	ND	µg/L	0.5	EPA 8021	11/8/99

ND : Not Detected.

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Sample condition upon receipt: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

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Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
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CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: 239
10/26/99 / 1200
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242527
Lab#: 99NOV8002-09

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	10	mg/L	4.0	CA-Luft	11/17/99
Gasoline Range Organics	28	mg/L	1.0	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: 239
10/26/99 / 1200
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242527
Lab#: 99NOV8002-09

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	23000	µg/L	2500	EPA 8021	11/8/99
Toluene	53	µg/L	0.5	EPA 8021	11/8/99
Ethylbenzene	1500	µg/L	12	EPA 8021	11/9/99
m&p Xylenes	97	µg/L	0.5	EPA 8021	11/8/99
o-Xylene	6.2	µg/L	0.5	EPA 8021	11/8/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR26
10/26/99 / 1545
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242528
Lab#: 99NOV8002-10

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	60	mg/L	20	CA-Luft	11/17/99
Gasoline Range Organics	110	mg/L	5.0	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	24	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR26
10/26/99 / 1545
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242528
Lab#: 99NOV8002-10

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	28000	µg/L	250	EPA 8021	11/8/99
Toluene	25000	µg/L	250	EPA 8021	11/8/99
Ethylbenzene	2300	µg/L	250	EPA 8021	11/8/99
m&p Xylenes	5000	µg/L	250	EPA 8021	11/8/99
o-Xylene	3400	µg/L	250	EPA 8021	11/8/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR54
10/26/99 / 1400
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242529
Lab#: 99NOV8002-11

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	350	mg/L	100	CA-Luft	11/17/99
Gasoline Range Organics	190	mg/L	10	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

Nestlé USA

P O. BOX 1516
6625 EITERMAN ROAD
DUBLIN, OH 43017-6516

TEL (614) 526-5000
FAX (614) 526-5353

Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR54
10/26/99 / 1400
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242529
Lab#: 99NOV8002-11

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	27000	µg/L	500	EPA 8021	11/8/99
Toluene	10000	µg/L	500	EPA 8021	11/8/99
Ethylbenzene	3700	µg/L	500	EPA 8021	11/8/99
m&p Xylenes	11000	µg/L	500	EPA 8021	11/8/99
o-Xylene	8500	µg/L	500	EPA 8021	11/8/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR65
10/26/99 / 1320
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242530
Lab#: 99NOV8002-12

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	50	mg/L	20	CA-Luft	11/17/99
Gasoline Range Organics	65	mg/L	5.0	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR65
10/26/99 / 1320
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242530
Lab#: 99NOV8002-12

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	14000	µg/L	500	EPA 8021	11/8/99
Toluene	2300	µg/L	50	EPA 8021	11/8/99
Ethylbenzene	1800	µg/L	50	EPA 8021	11/8/99
m&p Xylenes	6800	µg/L	50	EPA 8021	11/8/99
o-Xylene	4200	µg/L	500	EPA 8021	11/8/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR68
10/26/99 / 1300
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242531
Lab#: 99NOV8002-13

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	2.8	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	8.0	mg/L	1.0	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: PR68
10/26/99 / 1300
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242531
Lab#: 99NOV8002-13

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	2800	µg/L	50	EPA 8021	11/8/99
Toluene	36	µg/L	0.5	EPA 8021	11/8/99
Ethylbenzene	86	µg/L	5.0	EPA 8021	11/9/99
m&p Xylenes	18	µg/L	5.0	EPA 8021	11/9/99
o-Xylene	44	µg/L	0.5	EPA 8021	11/8/99

ND : Not Detected.

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Sample condition upon receipt: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: V31
10/26/99 / 1600
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242532
Lab#: 99NOV8002-14

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	3.0	mg/L	1.0	CA-Luft	11/17/99
Gasoline Range Organics	18	mg/L	1.0	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: V31
10/26/99 / 1600
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242532
Lab#: 99NOV8002-14

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	7000	µg/L	250	EPA 8021	11/8/99
Toluene	120	µg/L	25	EPA 8021	11/8/99
Ethylbenzene	850	µg/L	25	EPA 8021	11/8/99
m&p Xylenes	900	µg/L	25	EPA 8021	11/8/99
o-Xylene	50	µg/L	0.5	EPA 8021	11/8/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

Nestlé USA

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Nestlé

QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: V84
10/26/99 / 1645
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242533
Lab#: 99NOV8002-15

Test	Result	Units	DetLim	Method	Analysis Date
Diesel Range Organics	0.7	mg/L	0.2	CA-Luft	11/12/99
Gasoline Range Organics	4.0	mg/L	1.0	CA-Luft	11/8/99
Dichlorodifluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Vinyl chloride	ND	µg/L	0.5	EPA 8021	11/8/99
Bromomethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichlorofluoromethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Methylene Chloride	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
cis 1,2-Dichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Chloroform	ND	µg/L	0.5	EPA 8021	11/8/99
Carbon Tetrachloride	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Trichloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichloropropane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromodichloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
c 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
t 1,3-Dichloropropene	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2-Trichloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
Tetrachloroethene	ND	µg/L	0.5	EPA 8021	11/8/99
Dibromochloromethane	ND	µg/L	0.5	EPA 8021	11/8/99
Bromoform	ND	µg/L	0.5	EPA 8021	11/8/99
1,1,2,2-Tetrachloroethane	ND	µg/L	0.5	EPA 8021	11/8/99
1,3-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,4-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
Chlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99
1,2-Dichlorobenzene	ND	µg/L	0.5	EPA 8021	11/8/99

Nestlé USA

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QUALITY ASSURANCE LABORATORY

Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203
CC: Doug Oram-Etic Engineering Inc

Sample Description: Water-Oakland Ca
Sample ID: V84
10/26/99 / 1645
PO/Ref/Disp#: Not Specified

Date Sampled 10/27/99
Date Received: 11/1/99
Date Reported: 12/6/99
Report Number: 242533
Lab#: 99NOV8002-15

Test	Result	Units	DetLim	Method	Analysis Date
Benzene	1100	µg/L	50	EPA 8021	11/8/99
Toluene	130	µg/L	5.0	EPA 8021	11/8/99
Ethylbenzene	46	µg/L	5.0	EPA 8021	11/8/99
m&p Xylenes	81	µg/L	0.5	EPA 8021	11/8/99
o-Xylene	27	µg/L	0.5	EPA 8021	11/8/99

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: Broken bottle (s).

Results relate only to the items tested.

John Heuser
Chemist

SEQUOIA ANALYTICAL
CHAIN OF CUSTODY

❑ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0
❑ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
❑ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 7
❑ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Company Name: ETIC Engineering Inc.	Project Name: Nestle
Mailing Address: 144 Mayhew Way	Billing Address (if different):
City: Walnut Creek State: CA Zip Code:	
Telephone: 925-977-7914 FAX #: 925-977-7915	P.O. #:
Report To: Dag Oram Sampler: Chris Chatburn	QC Data: ☒ Level II (Standard) ❑ Chromatograms ❑ Level III ❑ Level IV

NESTLE Received OCT 30 1999

Turnaround Time: ☒ Standard 10–15 Working Days ❑ 7 Working Days ❑ 5 Working Days ❑ 3 Working Days ❑ 2 Working Days ❑ 1 Working Day ❑ ASAP

❑ Drinking Water ❑ Waste Water ❑ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg BTEX	HVOC	TPHd	Comments
1. 223	10-26-99/1445	H2O	4/2	VOA/amber		X	X	X	1 LARGE BOTTLE BROKE
2. 239	10-26-99/1200					X	X	X	
3. PR26	10-26-99/1545					X	X	X	
4. PR54	10-26-99/1400					X	X	X	
5. PR65	10-26-99/1320					X	X	X	1 SMALL VIAL BROKEN 1 LARGE BOTTLE BROKEN
6. PR68	10-26-99/1300					X	X	X	2 SMALL VIALS BROKEN
7. V31	10-26-99/1600					X	X	X	
8. V84	10-26-99/1645					X	X	X	
9.									15.3°C
10.									

99 NOV 8002-8 9 1/2 10 1/3 18 1/4 18 1/5 13 1/6 14 1/7 15 1/8 FB 11/1/99

Relinquished By: Chris Chatburn	Date: 10/28/99	Time: 1000	Received By: Vicki D. Holloway	Date: 10/30/99	Time: 10:30 Am
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

Cooler condition? ❑ Yes ❑ No Samples on Ice? ❑ Yes ❑ No Method of Shipment _____

SEQUOIA ANALYTICAL
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❑ 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-96
❑ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (70
❑ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Company Name: ETIC Engineering Inc.	Project Name: Nestle
Mailing Address: 144 Mayhew Way	Billing Address (if different):
City: Walnut Creek State: CA Zip Code:	
Telephone: 925-977-7914 FAX #: 925-977-705	P.O. #:
Report To: Doug Drawn	Sampler: Chris Chatburn

NESTLE Received OCT 30 1999

QC Data: ☒ Level II (Standard) ❑ Chromatograms ❑ Level III ❑ Level IV

Turnaround Time: ☒ Standard 10–15 Working Days ❑ 7 Working Days ❑ 5 Working Days ❑ 3 Working Days ❑ 2 Working Days ❑ 1 Working Day ❑ ASAP

❑ Drinking Water ❑ Waste Water ❑ Other

Analyses Requested

	Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHg BTEX	HVOC	TPHd	Comments
NOV 02-01	1. MW25	10/27/99/1300	H_2O	4/2	VOA/amber		X	X	X	1 LARGE BOTTLE BROKEN
02	2. MW26	10-27-99/1355					X	X	X	
03	3. MW27	10-27-99/1500					X	X	X	
04	4. MW28	10-27-99/1535					X	X	X	NO SMALL VIALS
05	5. MW29	10-27-99/1605					X	X	X	
06	6. PR53	10-27-99/1215					X	X	X	1 LARGE BOTTLE BROKEN
07	7. PR64	10-27-99/1145	✓	↓	↓		X	X	X	
~~08~~ 10	8.									
~~09~~	9.									
~~10~~	10.									16.3°C

Relinquished By: Chris Chatburn	Date: 10/28/99	Time: 1000	Received By: Viki D. Holloway	Date: 10/30/99	Time: 10:30AM
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab:	Date:	Time:

Were Samples Received in Cool Condition? ❑ Yes ❑ No Samples on Ice? ❑ Yes ❑ No Method of Shipment_____ Page ___ of ___

Pink - Client Yellow - Seminia White - Sequoia