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**March 31, 2004**



Mr. Barney Chan
Alameda County Health Agency
Division of Environmental Protection
1131 Harbor Bat Parkway, 2nd Floor
Alameda, California 94502

**REFERENCE:** **Second Semi Annual 2003 Groundwater Monitoring Report**
**Nestlé USA, Inc.**
**1310 14th Street**
**Oakland, California**

Dear Mr. Chan:

Enclosed please find one copy of the Second Semi Annual 2003 Groundwater Monitoring Report for the above-referenced site. This report describes the groundwater monitoring activities conducted at the site during October and November 2002.

Should you have any questions please do not hesitate to contact me at (661) 255-1693.

Sincerely,

ENVIRONMENTAL COST MANAGEMENT

Binayak P. Acharya
Program Manager

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San Francisco Bay Region
1515 Clay Street, Suite 1400
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Walnut Creek, CA 94596

Nestlé File

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[redacted]

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Report to:

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

# Second Semi Annual 2003 Groundwater Monitoring Report
# 1310 14th Street
# Oakland, California

March 31, 2004

Prepared By:


**ENVIRONMENTAL COST MANAGEMENT**

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Sumeet Gandhi
Project Engineer

March 31, 2004
Date

Binayak Acharya
Program Manager

March 31, 2004
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Table 1: Gauging Data for Monitoring Wells
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Appendix A: ECM's Monitoring Well Data Form
Appendix B: Nestlé Laboratory Analytical Reports and Chain-of-Custody Documentation
Appendix C: Mann-Kendall Trend Analyses (BTEX Compounds)
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# 1 INTRODUCTION

As of August 2003, Nestlé USA, Inc. (Nestlé) has retained Environmental Cost Management (ECM) to provide environmental services for the former Nestlé facility at 1310 14th Street, Oakland, California (the Site, Figure 1). Pursuant to the agreement between Nestlé, Alameda County Health Agency (ACHA), and the Regional Water Quality Control Board – San Francisco Region (RWQCB-SFR), quarterly groundwater monitoring has been replaced by semiannual groundwater monitoring starting in October 2002. The semi annual groundwater monitoring event was conducted in October 14, 2003. This sampling activity was performed by ECM. The purpose of this Groundwater Monitoring Report is to discuss the result of the groundwater monitoring activities and the analytical results.

# 2 SCOPE OF SERVICES

## 2.1 REMEDIATION SYSTEM

During the third quarter of 1997, a multiphase extraction (MPE) remediation system was installed at the Site. The groundwater portion of the MPE system consisted 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 consisted of air/water separators and a thermal oxidizer, which burned extracted soil-vapors and vapor-phase hydrocarbons stripped from groundwater and recovered product.

The MPE system began operation on August 28, 1997, and was upgraded from June through September 1998. Operation of the MPE system was discontinued in June 2000. The monitoring results through June 19, 2000 for the MPE water and vapor treatment systems are summarized in previous quarterly groundwater monitoring reports.

Based on treatment system data, approximately 621 pounds of hydrocarbons have been removed from extracted water, and approximately 538 pounds of NAPL have been removed by the oil/water separator. The estimated amount of NAPL has fluctuated due to accumulation of water in the product storage tank. An estimated 9,691 pounds of hydrocarbons has been removed from extracted soil vapor. An estimated combined total of 10,850 pounds of hydrocarbons has been removed and treated since system installation.

Per discussions with the ACHA and RWQCB in November 1999, it was decided that the remediation system would operate through the end of the second quarter 2000. During the first quarter of 2001, the groundwater monitoring results were compared between the periods when the remediation system was operated (first and second quarters 2000) and when it was not operated (third and fourth quarters 2000). Groundwater monitoring results following shutdown of the MPE system in June 2000 indicated that dissolved phase hydrocarbon levels have stabilized at the Site. These concentration trends and other data were presented in ETIC's *Comprehensive Site Characterization Report*, dated January 2001.

# 3 FIELD PROCEDURES

## 3.1 NAPL GAUGING

Following discussions with the ACHA and the RWQCB in June 2001, monthly non-aqueous phase liquid (NAPL) gauging at the Site was discontinued in September 2001. As part of the quarterly groundwater monitoring, each monitoring well to be sampled is first gauged for depth to water and the thickness of any NAPL present in the well. During this sampling event, ECM did not detect any NAPL in the wells gauged.

## 3.2 PURGING AND SAMPLING OF GROUNDWATER

After depths to groundwater were measured, ECM purged selected wells 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. 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 1-liter amber glass jars and placed in an ice-filled cooler. All samples were handled and transported under chain of custody.

ECM submitted the samples 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; for benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl t-butyl ether (MTBE) by USEPA Method 8020; and for halogenated volatile organic compounds (HVOCs) by USEPA Method 8021.

# 4 SUMMARY OF RESULTS

## 4.1 NAPL GAUGING AND MONITORING

NAPL monitoring data for a representative number of wells monitored between November 1993 and August 2001 were summarized in previous ETIC reports. Gauging results indicated that the MPE system has been 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 | Feb. 1998 | Nov. 1998 | May 1999 | Feb. 2000 | Dec. 2000 | Jan. 2001 | August 2001 |
| PR21 | 4.28 | Dry | <0.01 | <0.01 | Dry | Dry | Dry |
| PR22 | 4.54 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| PR26 | 3.39 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| PR34 | 3.18 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| PR48 | 1.30 | 0.04 | <0.01 | <0.01 | 0.12 | 0.07 | <0.01 |
| PR58 | 4.25 | 0.03 | 0.15 | <0.01 | 0.07 | <0.01 | 0.06 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PR64 | 2.93 | <0.01 | 0.06 | <0.01 | 0.49 | 0.48 | 0.60 |
| MW2 | 0.51 | <0.01 | 0.63 | <0.01 | 0.40 | 0.36 | 0.48 |
| MW2 | 0.25 | 0.25 | 1.26 | <0.01 | 0.41 | 0.41 | 0.74 |

## 4.2 DEPTH TO GROUNDWATER MONITORING WELLS

On October 13, 2003, the depth to groundwater in the gauged monitoring wells ranged from 7.42 (MW-26) to 9.57 (MW100) feet, and groundwater elevations ranged from 5.11 (MW30) to 5.52 (MW32) feet above mean sea level (Table 2). A groundwater elevation contour map for the October 13, 2003 sampling event is shown in Figure 2. The direction of groundwater flow in May 2003 was toward the north, with a gradient of 0.001 to 0.009 feet per foot. Field documentation is provided in Appendix A.

## 4.3 ANALYSES OF SAMPLES

The analytical results for the groundwater samples collected on October 14, 2003 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 Figure 4. Laboratory analytical reports and chain-of-custody documentation are included in Appendix B.

Analytical results for samples collected on October 14, 2003 suggested that concentrations remained relatively stable in most of the monitoring wells. Benzene concentration decreased in MW-26 from 1,250 µg/L measured during May 2003 to 51 µg/L during the current sampling event. Benzene concentration also decreased in MW-32 from 20.72 µg/L measured during May 2003 to 6.02 µg/L measured during the current sampling event. Ethylbenzene was detected in MW-26 at 1.38 µg/L. Total Petroleum hydrocarbons as gasoline was detected at 3,100 µg/L in MW-26, whereas, it was below laboratory reporting limit of 200 µg/L in the remaining wells sampled during this semiannual sampling event. 1,1, _DCA concentrations ranged from 110 µg/L (MW-29) to below laboratory reporting limit in wells MW-27, MW-28, MW-30, MW-32, MW-100, PR-76 and CC-1. MW-26 had the highest MTBE concentration of 23.8 µg/L. In addition, 1,1-DCE was also detected in MW-26 at 3.3 µg/L. Chloromethane was detected in MW-29 at 0.9 µg/L, whereas, chloroform was detected in CC-1 at a concentration of 0.7 µg/L.

# 5 MANN-KENDALL ANALYSIS FOR DETERMINING PLUME TREND

The purpose of the Mann-Kendall (MK) Analysis test is to determine the trend (increasing, decreasing or stable) of the plume of the chemical of concerns(COCs). This analysis is a non-parametric test, and the data with non-seasonal effects are typically used to determine the plume movement. The plume trend is determined at 80% confidence level and 90% confidence level based on historical data for more than four sampling events. In the absence of any observed trend at 80% confidence level, coefficient of variation is used to determine the plume stability.

For the Nestlé, Oakland site, the MK analysis was performed on five monitoring wells to determine the lateral plume movement based on the concentration trend in each wells. The test was conducted on monitoring well MW-32 located upgradient of the former source area, MW-25, MW-26, MW-28 located downgradient of the former source area, and MW-100 located offsite. The chemical of concerns used for MK analyses

were mainly benzene(B), toluene(T), ethylbenzene(E), xylene(X), volatile organic compounds(VOCs) mainly 1,1-dichloroethane(1,1-DCA), 1,2-dichloroethane(1,2-DCA), 1,1,1-trichloroethane (1,1,1-TCA) & trichloroethylene (TCE), and total petroleum hydrocarbons as gasoline (TPHg) and diesel(TPHd). The following considerations were made for selection of wells and analytical data to determine the plume trend.

- Monitoring wells located at the upgradient of the source area, center of the plume, and the boundary of the plume were used for MK analysis to determine the lateral movement.
- In order to avoid the seasonal variations, the analytical data between the March to July were used for analysis. The period between March to July was considered for input since it represents the dry month period. However, if enough analytical data was not available (less than 4 sampling event results for the dry month period), semi-annual sampling event data was used for analysis.
- Input for any data below detection limit, was assumed to be half of the least detection limit during the history of sampling for that COC.

## 5.1 DISCUSSION OF RESULTS FOR MANN-KENDALL TREND ANALYSIS

**BTEX compounds**: A decreasing benzene concentration tend was observed in monitoring wells MW-25 and MW-26. Monitoring wells MW-32 and MW-100 trend was indicative of stable benzene concentration, whereas a non-stable benzene concentration was observed in monitoring well MW-28. MK statistical test on MW-26 was indicative of a decreasing toluene concentration. Toluene concentration trend was observed to stable in monitoring wells MW-28 and MW-100. Though no trend was observed at 80% confidence level in monitoring wells MW-25 and MW-32 for Toluene, a non-stable concentration trend was observed based on the coefficient of variation in these wells. However, the toluene concentration for MW-25 for the last nine sampling event was below laboratory detection limit. Similarly, a decreasing ethylbenzene concentration trend was observed in monitoring well MW-26. Xylene was observed to be decreasing in monitoring wells MW-26. Based on the MK analysis, an increasing xylene concentration trend was observed in monitoring well MW-28 and MW-100; however this is due to the higher laboratory reporting limits for the analyte. The xylene trend in MW-28 and MW-100 is thus not representative of the concentration trend observed through the MK analyses. The MK trend analyses results for BTEX compounds are included as Appendix C of the report. The historical concentration trends for the BTEX compound are plotted through Figures 4 to 8 of the report.

**Total Petroleum Hydrocarbons:** TPHg was observed to be decreasing in monitoring wells MW-26 and MW-32, whereas it was observed to be increasing in monitoring well MW-28. A stable concentration trend was observed in monitoring well MW-25 and MW-100. TCE was observed to be stable in monitoring wells MW-25, MW-28, MW-32 and MW-100. A no concentration trend was observed in monitoring well MW-26. The MK analyses for TPHg and TPHd are included as Appendix D of the report. The historical concentration trends for the TPHg & TPHd are plotted through Figures 9 to 13 of the report.

**Volatile Organic Compounds:** A decreasing 1,1,-DCA concentration trend was observed in monitoring well MW-25, whereas an increasing concentration trend for 1,1-DCA was observed in MW-26. Monitoring well MW-28 was observed to have a non-stable concentration trend, whereas MW-32 and MW-100 had a stable concentration

trend. 1,2-DCA was observed to be decreasing in monitoring wells MW-25, MW-26, MW-28 and MW-32. A stable concentration trend was observed in monitoring well MW-100. TCE and 1,1,1-TCA concentrations were relatively low and, a stable TCE configuration was observed in all the monitoring wells. 1,1,1-TCA was observed to have a decreasing concentration trend and, was stable in monitoring wells MW-25, MW-28, MW-32 and MW-100. The MK analyses for the VOCs are included as Appendix E of the report. The historical concentration trends for the VOCs are plotted through Figures 14 to 18 of the report.

### 5.2 CONCLUSIONS FROM MK ANALYSIS

- Monitoring well MW-100 represents the plume trend offsite. Since the concentration trend in MW-100 for all the analytes were stable, it may be concluded that there is no off-site migration of BTEX compounds, VOCs and, TPHg & TPHd.
- The plume is either decreasing or stable since most of the monitoring wells show either a decreasing or stable concentration trend. As a result, it may be concluded that there is not lateral movement of the plume.

## 6 CONCLUSION/RECOMMENDATION

Based on the recent semiannual sampling results and the MK statistical analyses to determine the plume trend, it is observed that the plume is stable and/or decreasing. ECM recommends scheduling a meeting with ACHA and the RWQCB to discuss about discontinuation of the monitoring program and thus, a site closure.

**FIGURES**

Figure 1: Location and Vicinity Map
Figure 2: Groundwater Elevations in Wells – October 13, 2003
Figure 3: Groundwater Analytical Results – October 14, 2003
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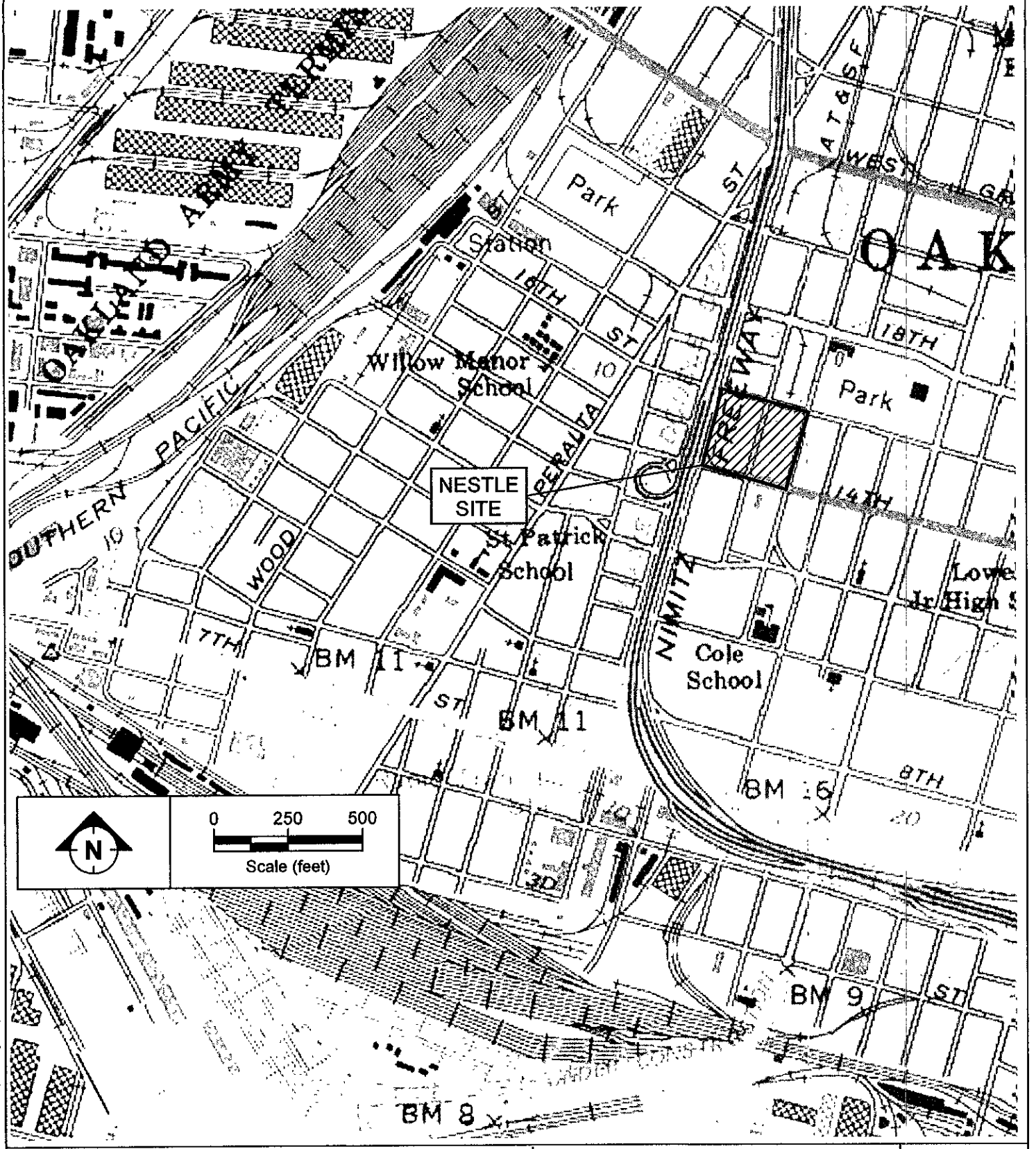


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Proj Manager: B. Acharya
Date drafted: 10/01/03
Chkd by:
Drafter: S. Ganchi
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ENVIRONMENTAL COST MANAGEMENT
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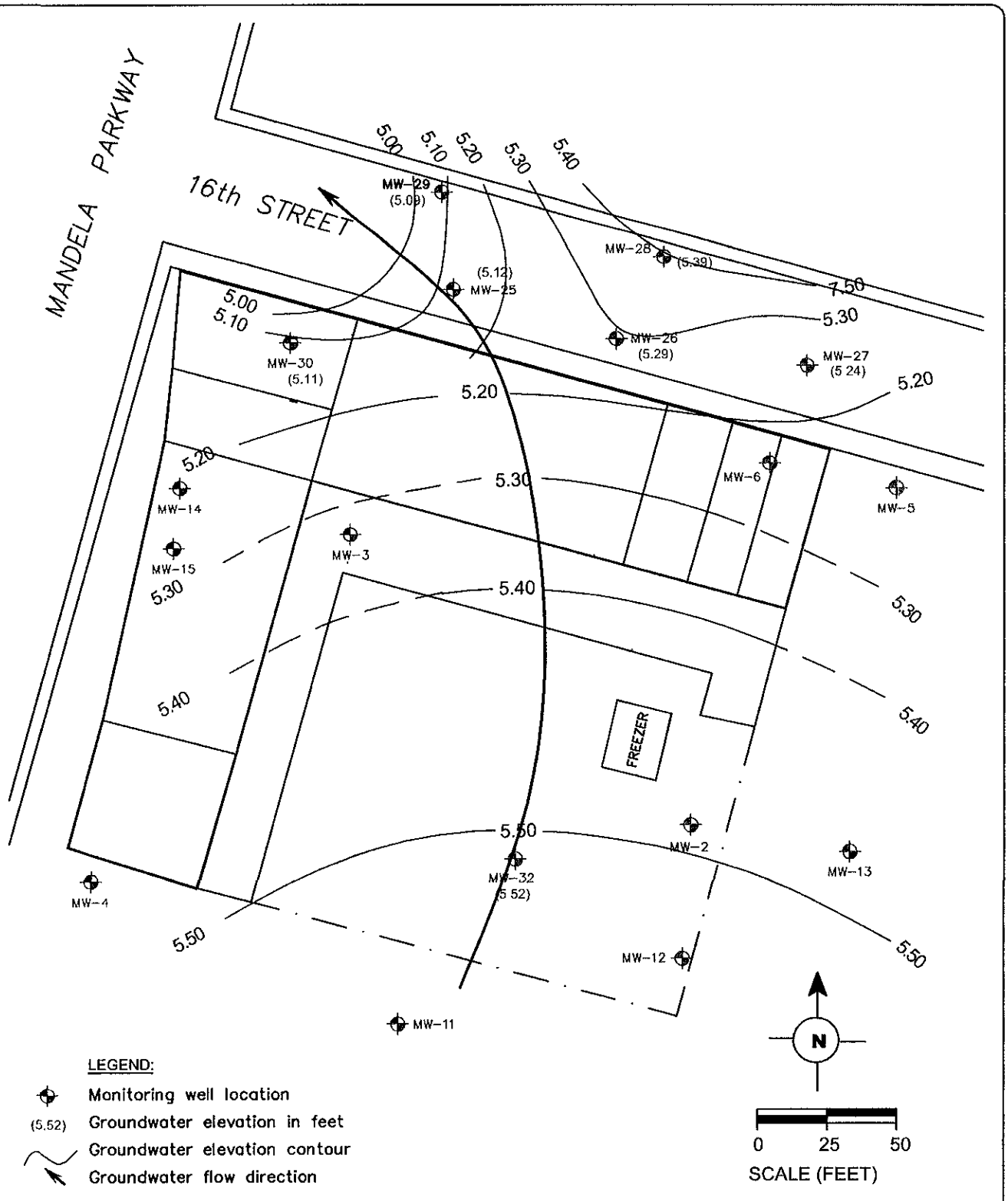
Site Location
Former Nestle Oakland Facility
1310 14th Street, Oakland, CA-94607

Figure
1




Project: Nestle- Oakland
Proj Manager: B. Acharya
Date drafted: 02/01/04
Chkd by: S. Gandhi
Drafter: S. Gandhi
File Path: Ecmsvr\Nestle\Oakland\Reports\Fig2

**ENVIRONMENTAL COST MANAGEMENT**

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October 13, 2003
Groundwater Elevation
2nd Semi-Annual Report 2003
Former Nestle Oakland Faciltiy, CA - 94607

Figure
2

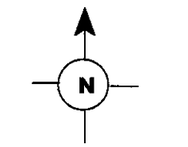
Project Nestle-Oakland

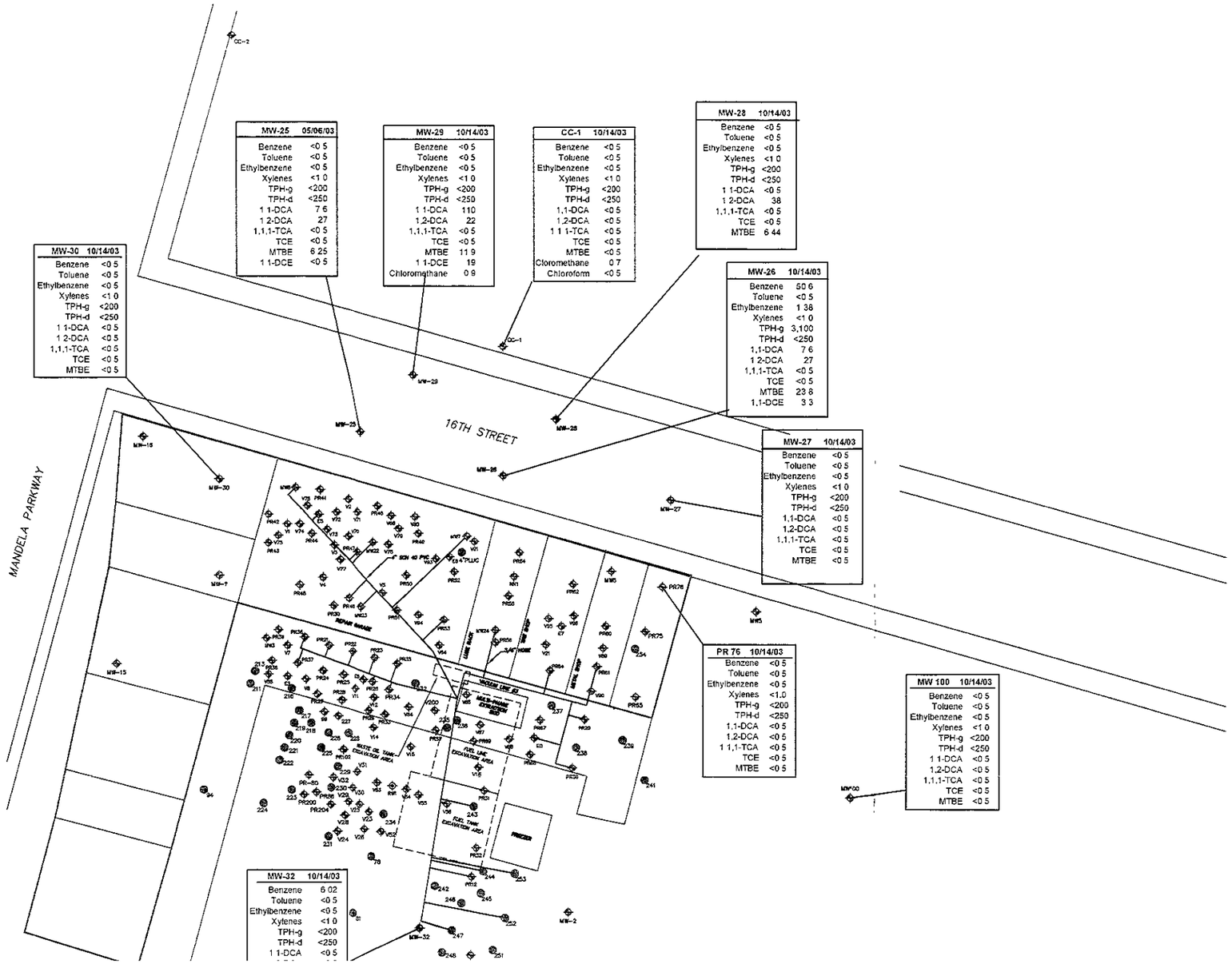
Proj Manager B Acharya

Date drafted 02/01/03

Chkd by

Drafter S. Gandhi




***LEGEND:***

- GROUNDWATER MONITORING AND VAPOR EXTRACTION WELLS
- WELL OF UNKNOWN CONSTRUCTION
- REMEDIATION SYSTEM VACUUM PIPING

| | |
|---|---|
| TPH-g | Total Petroleum Hydrocarbons as gasoline |
| TPH-d | Total Petroleum Hydrocarbons as diesel |
| MTBE | Methyl t-butyl ether |
| 1,1-DCA | 1,1-Dichloroethane |
| 1,2-DCA | 1,2-Dichloroethane |
| 1,1-DCE | 1,1-Dichloroethene |
| 1,1,1-TCA | |

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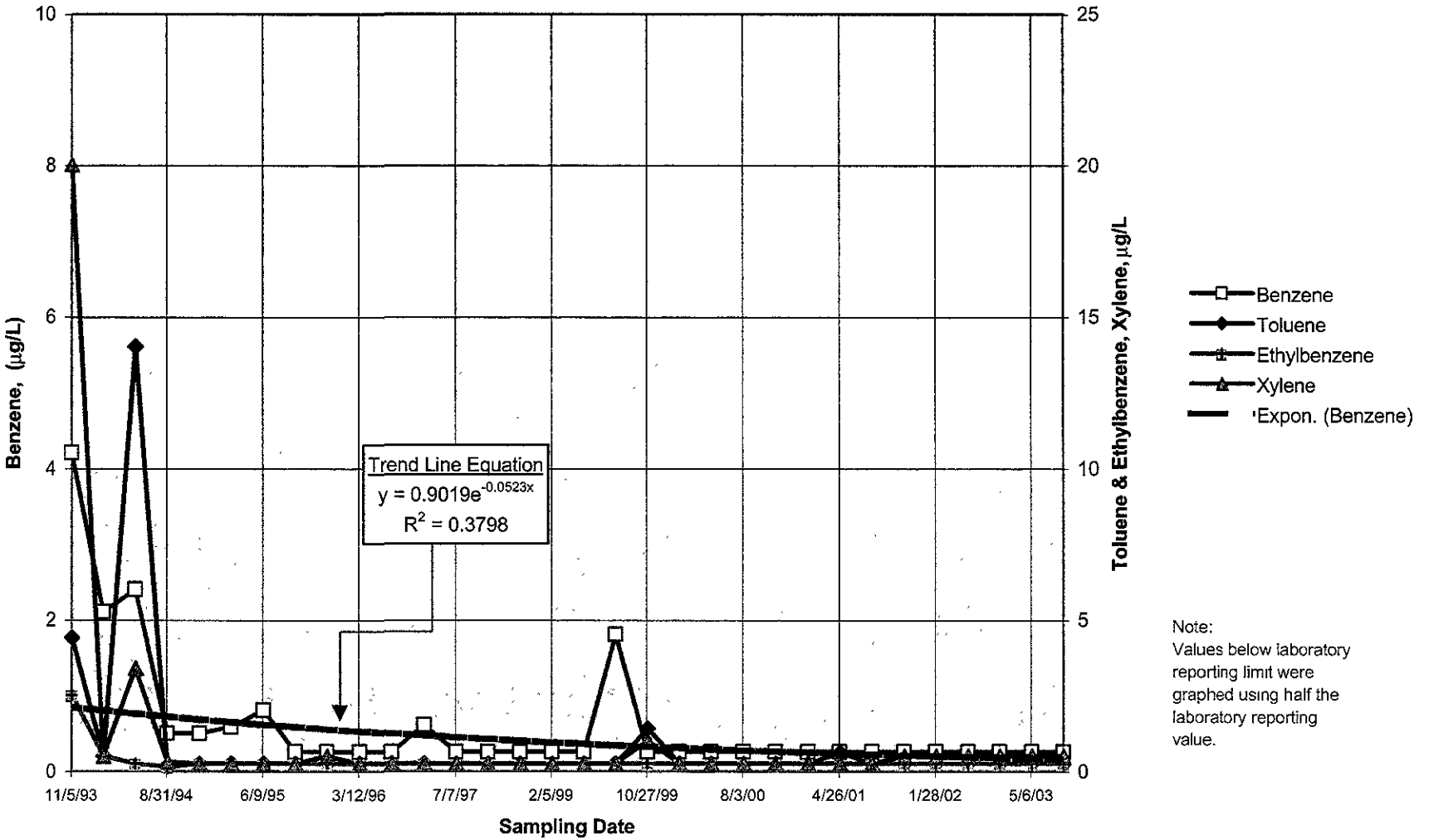
| Former Nestle Oakland Facility<br>1310. 14th Street Oakland.<br>California - 94607 | | October 14, 2003<br>Groundwater Analytical Results<br>2nd Semi-Annual Groundwater Monitoring Report (2003) | Figure<br>3 |

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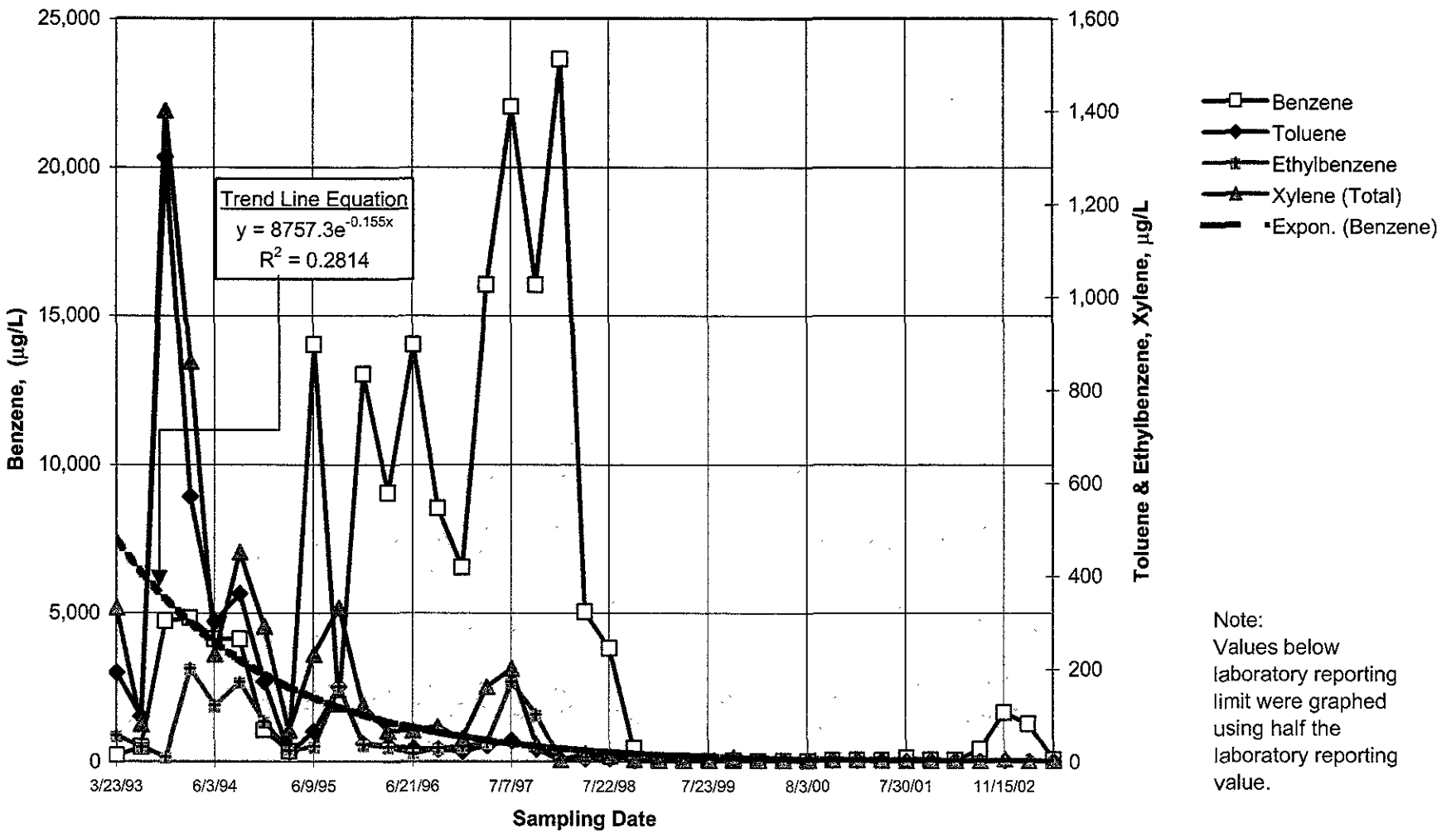


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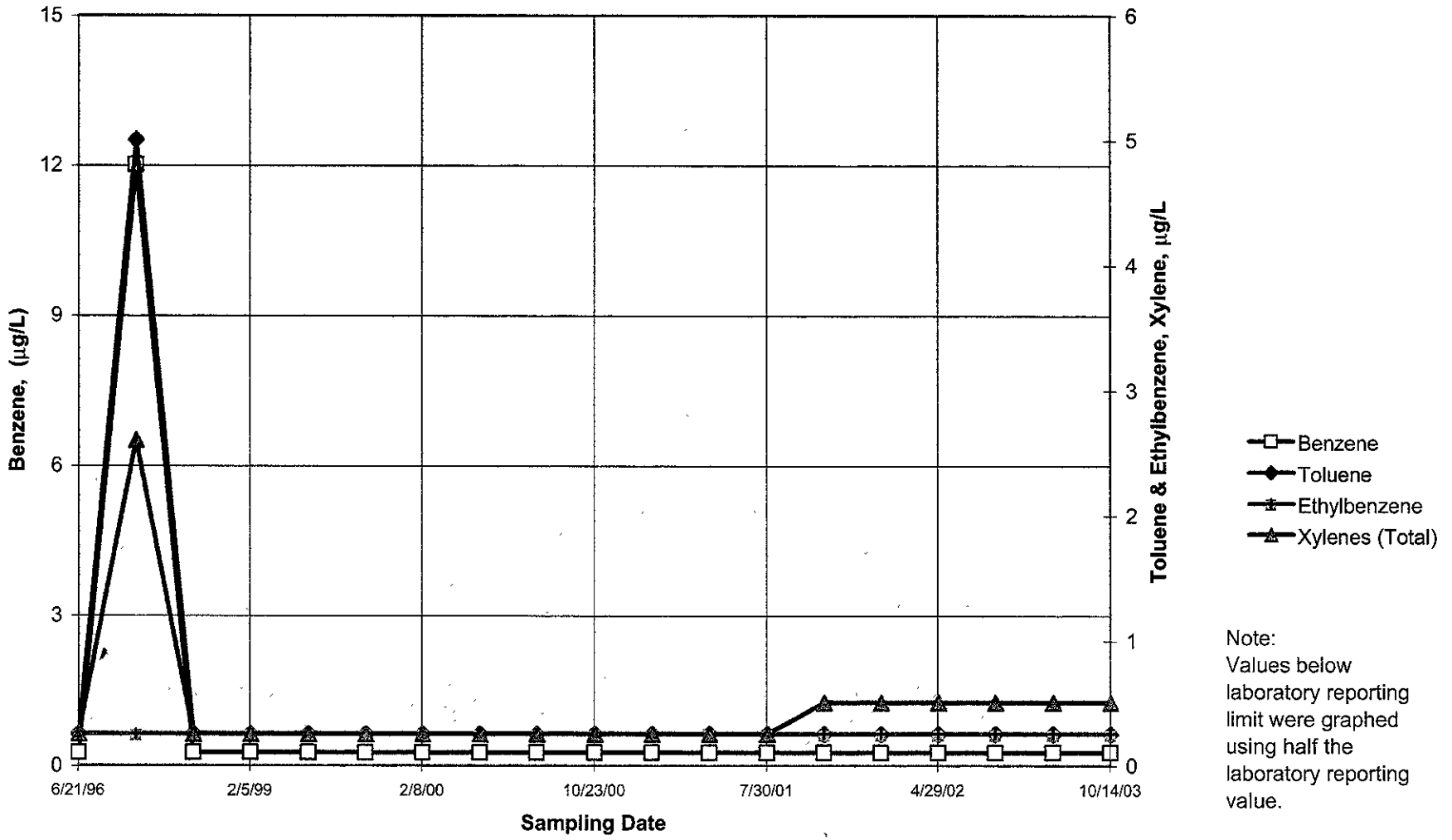


Note:
Values below laboratory reporting limit were graphed using half the laboratory reporting value.

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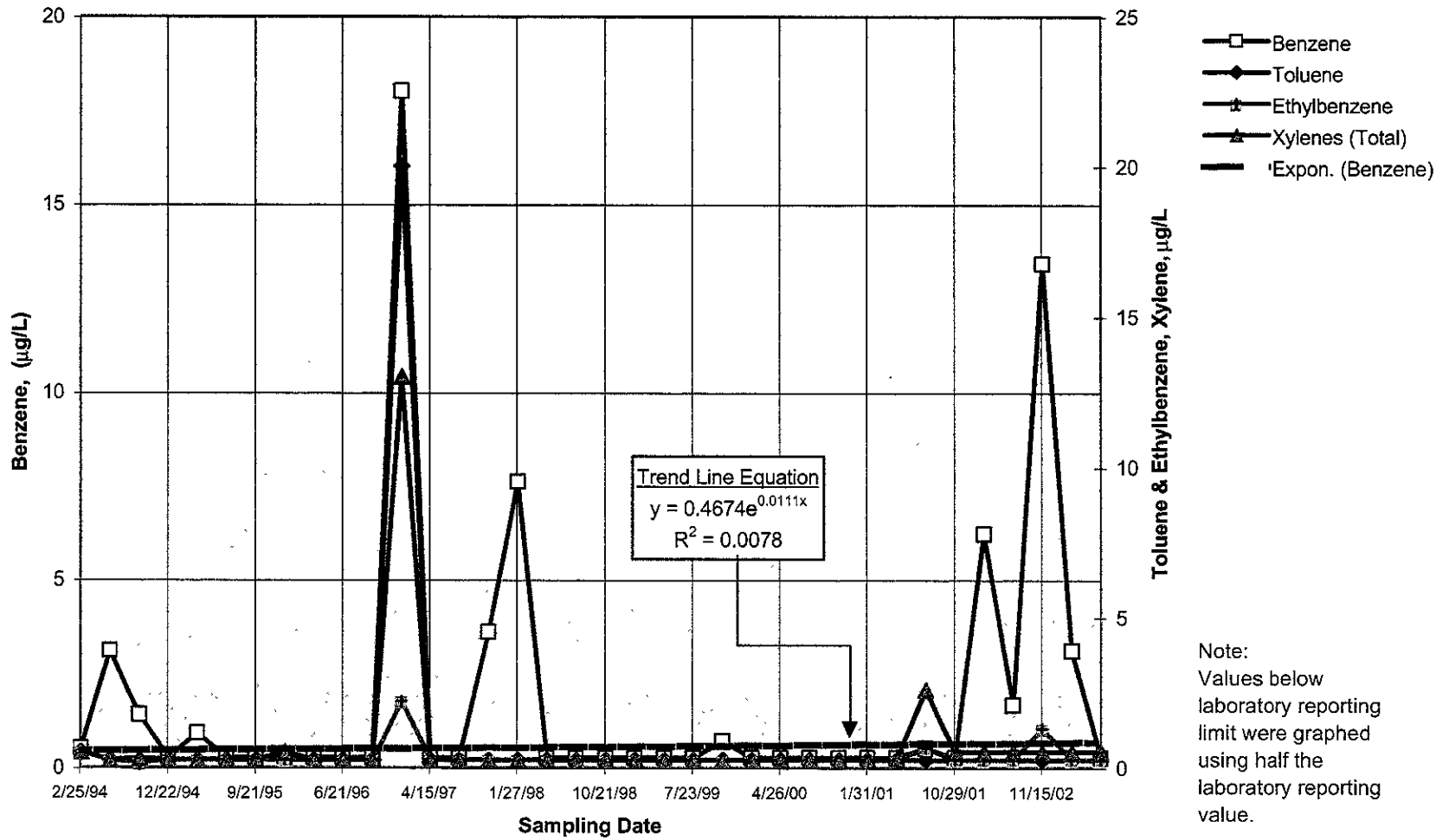


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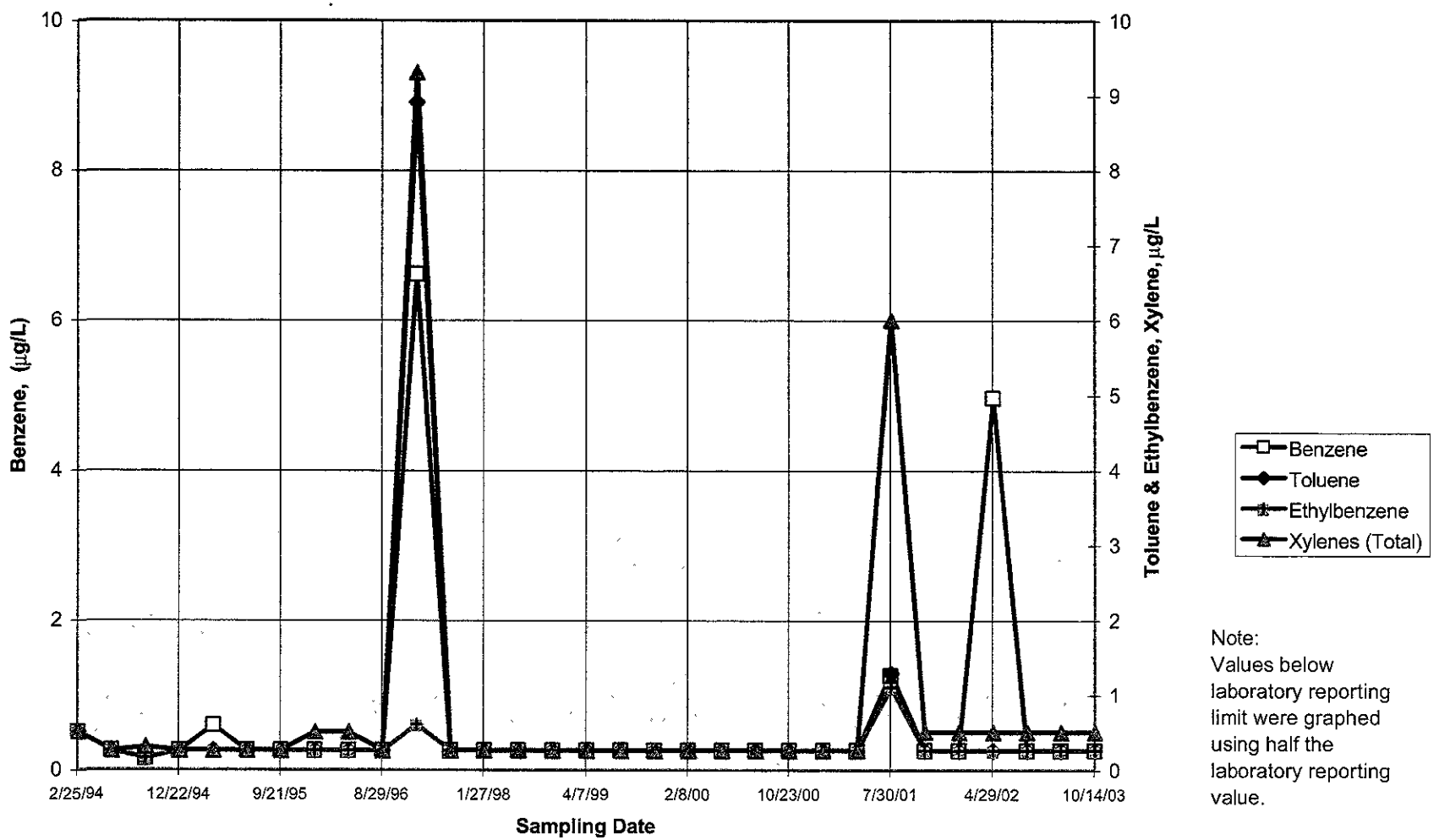


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Values below laboratory reporting limit were graphed using half the laboratory reporting value.

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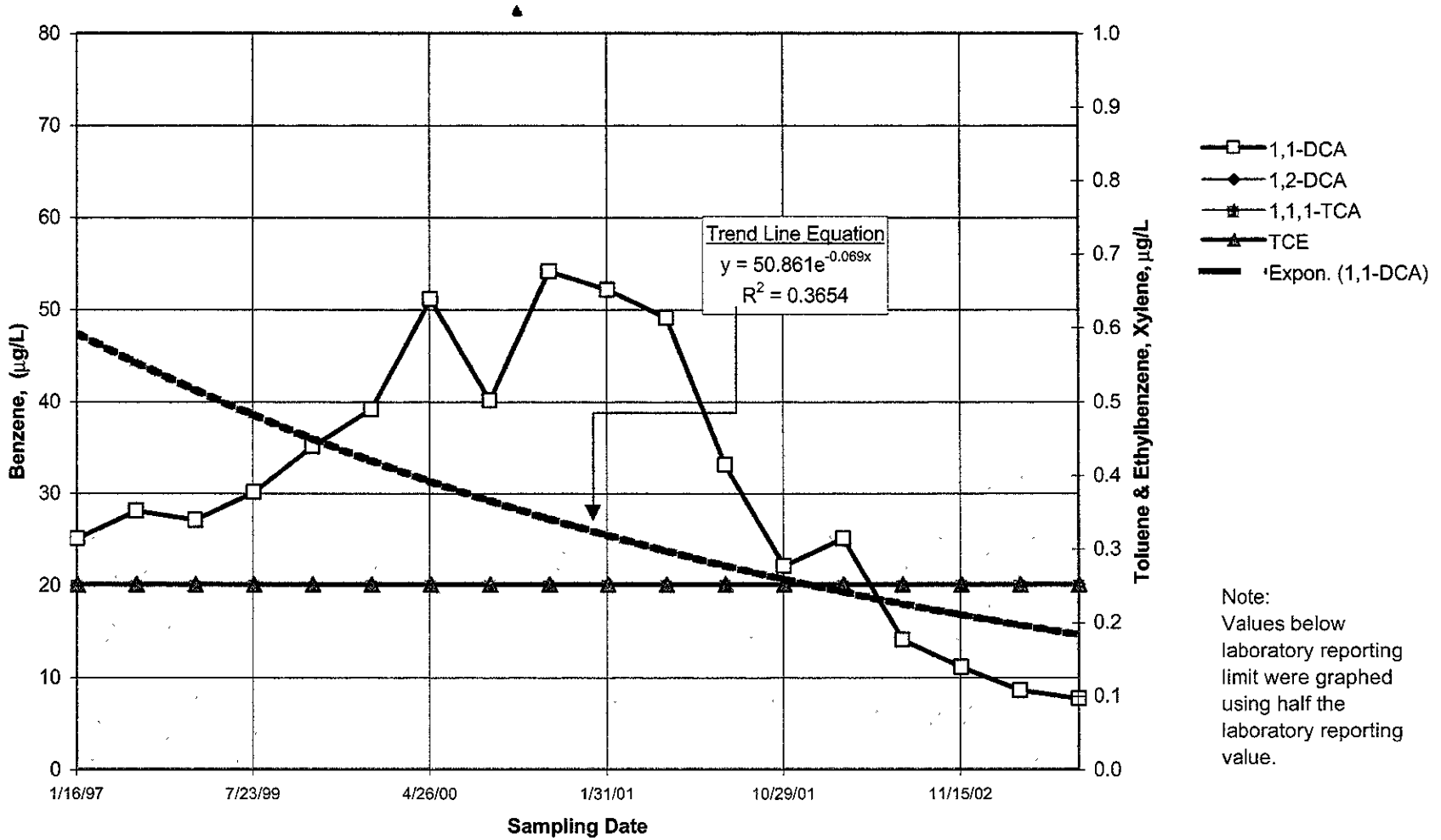


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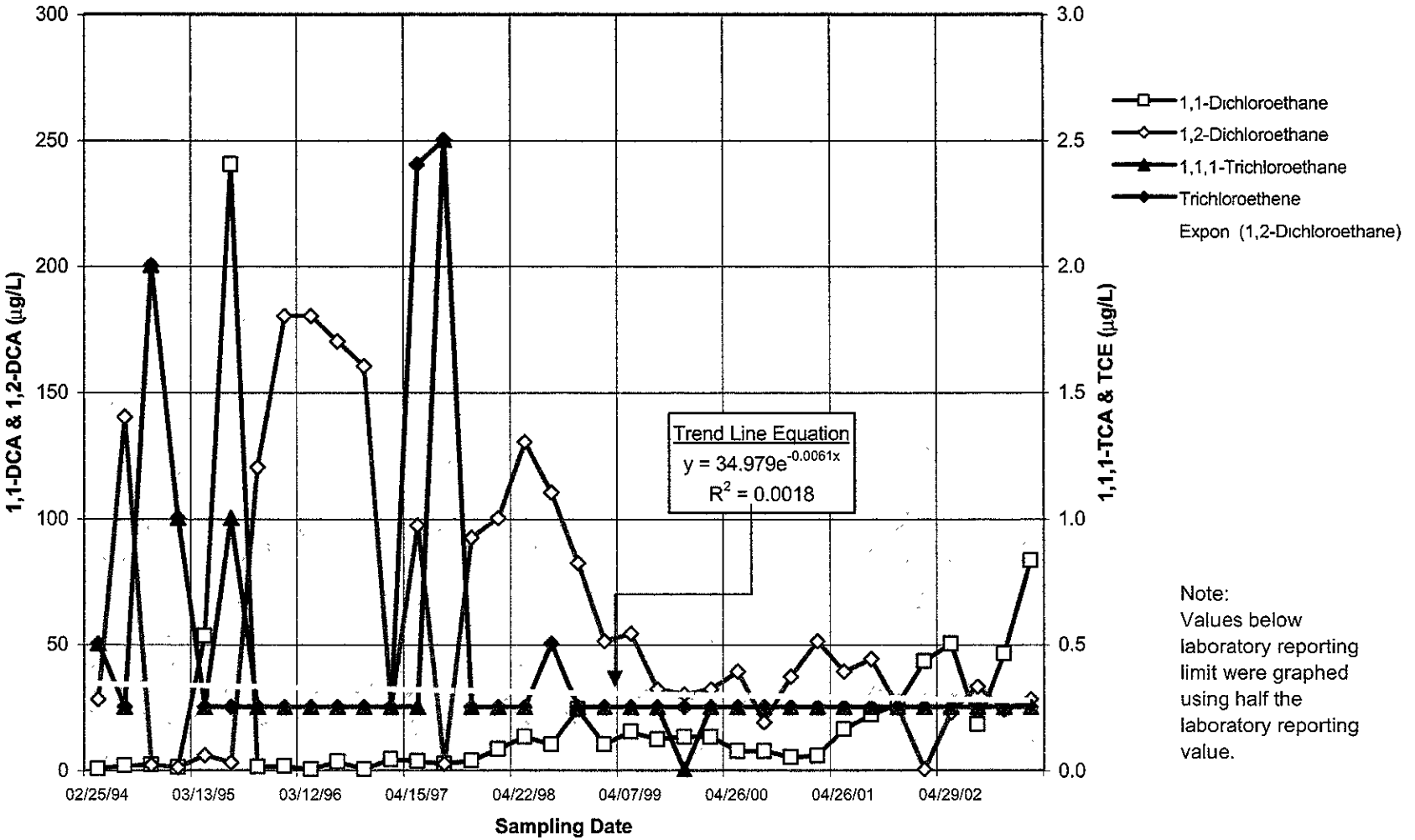


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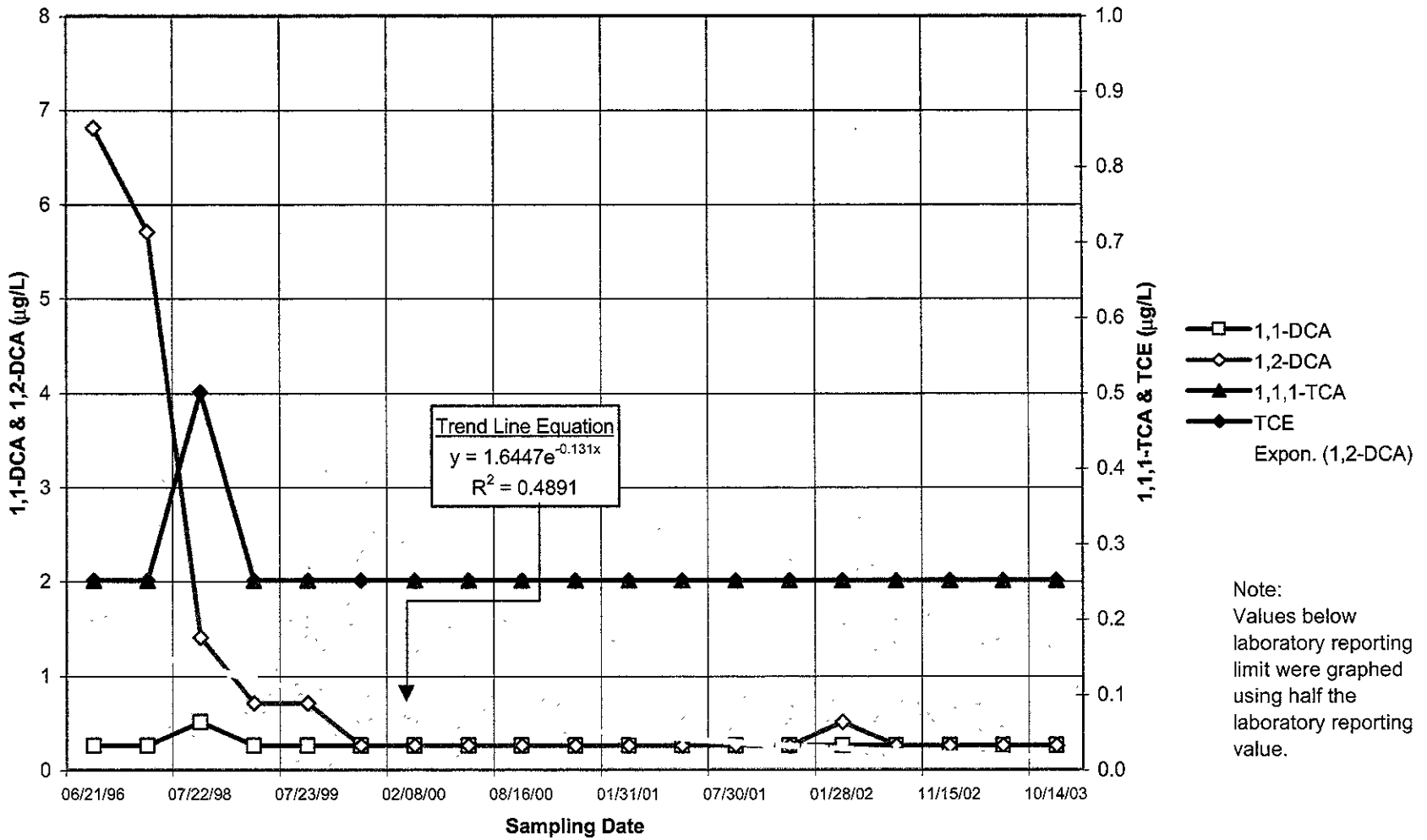


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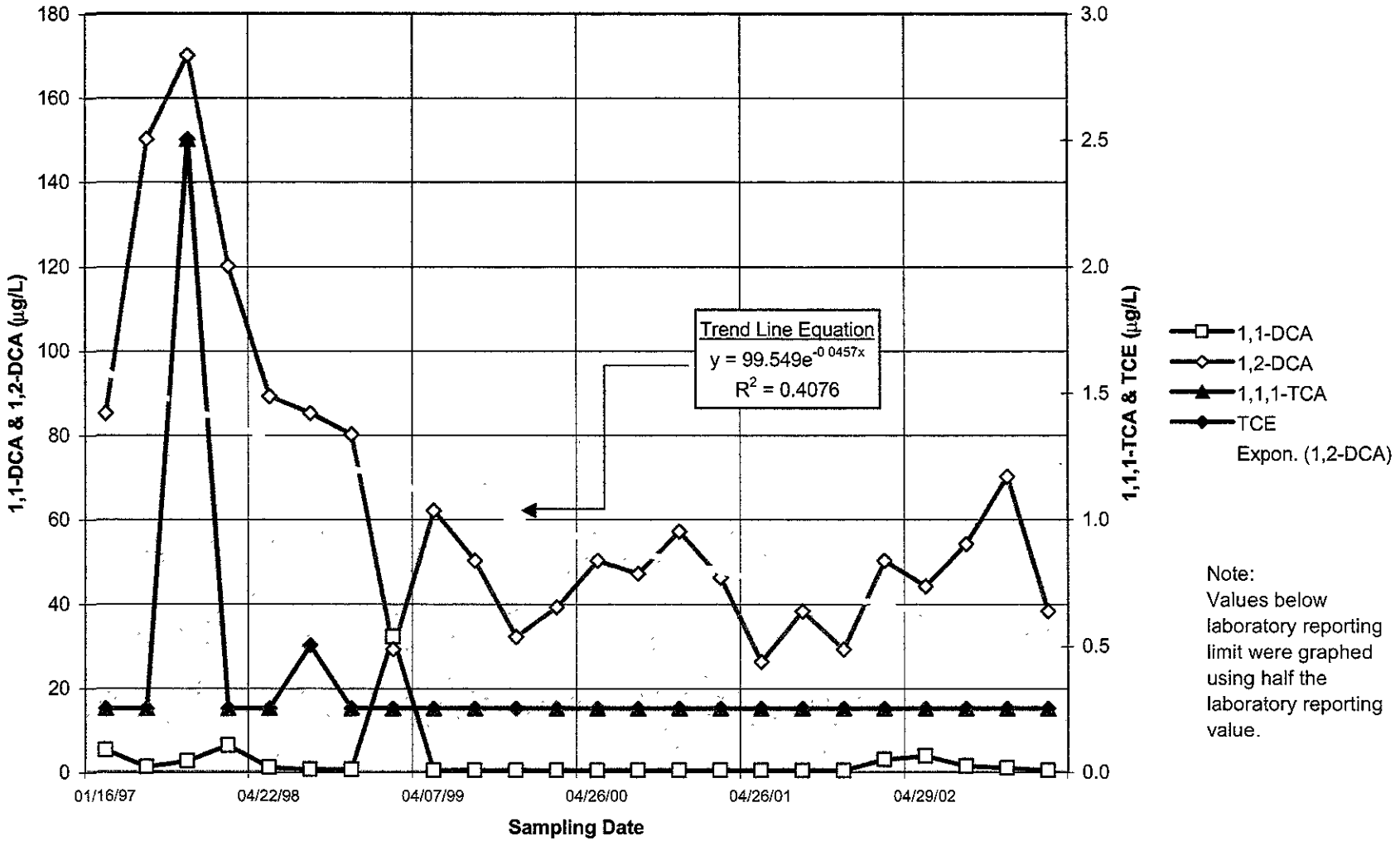
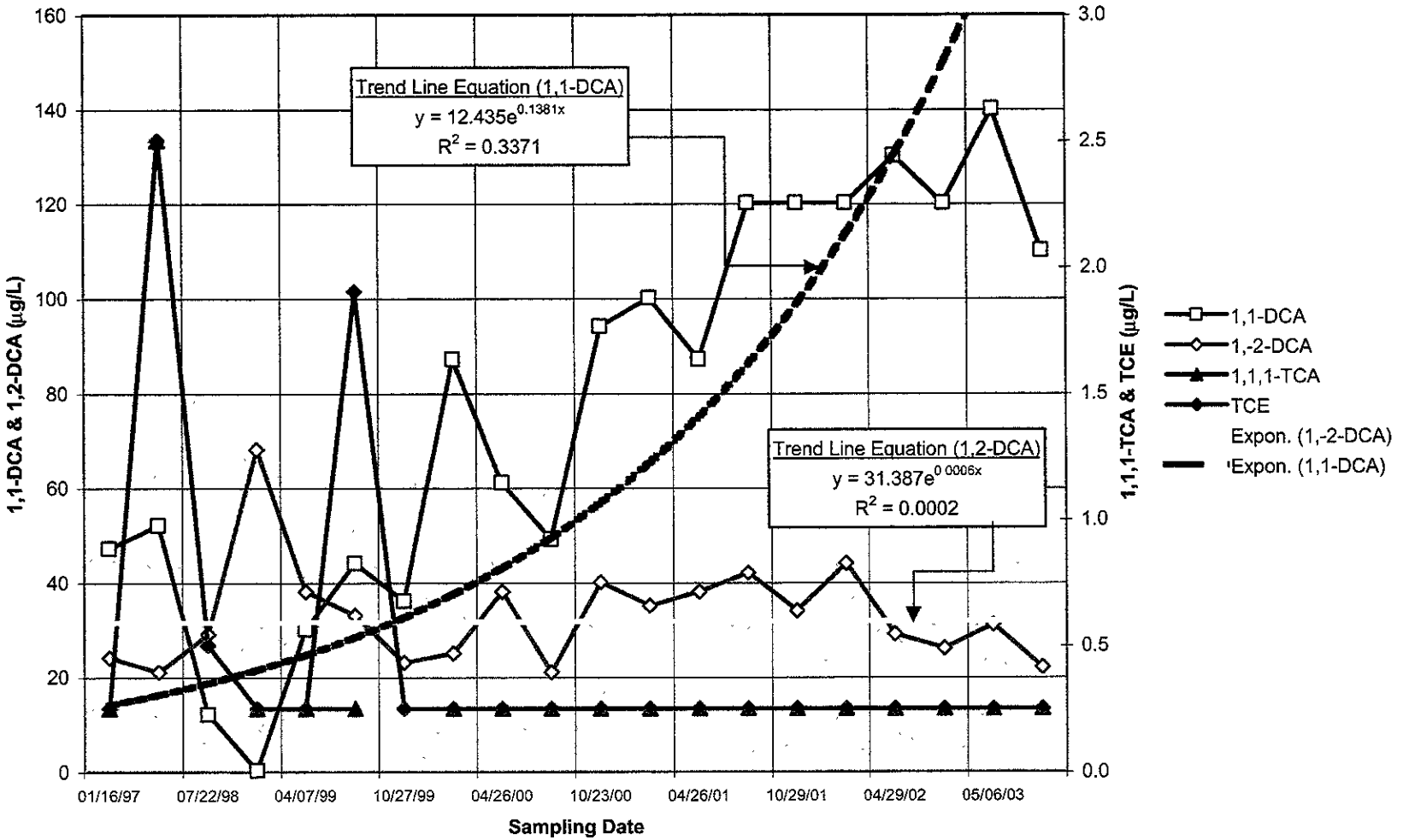
| Nestlé USA, Inc.<br>1310 14th Street<br>Oakland, California - 94607 | **ENVIRONMENTAL COST MANAGEMENT**<br>660 Baker Street, Suite 253 • Costa Mesa, CA 92626<br>Tel: (714) 662-2759 • Fax. (714) 662-2758 | HISTORICAL TREND<br>**VOLATILE ORGANIC COMPOUNDS (MW-27)**<br>2nd SEMI-ANNUAL REPORT (2003) | Figure<br>11 |




| | | | |
|---|---|---|---|
| Nestlé USA, Inc.<br>1310 14th Street<br>Oakland, California - 94607 | **ENVIRONMENTAL COST MANAGEMENT**<br>660 Baker Street, Suite 253 ● Costa Mesa, CA 92626<br>Tel. (714) 662-2759 ● Fax: (714) 662-2758 | HISTORICAL TREND<br>**VOLATILE ORGANIC COMPOUNDS (MW-28)**<br>2nd SEMI-ANNUAL REPORT (2003) | Figure<br>12 |




| | | | |
|---|---|---|---|
| Nestlé USA, Inc.<br>1310 14th Street<br>Oakland, California - 94607 | **ENVIRONMENTAL COST MANAGEMENT**<br>660 Baker Street, Suite 253 ● Costa Mesa, CA 92626<br>Tel: (714) 662-2759 ● Fax: (714) 662-2758 | HISTORICAL TREND<br>**VOLATILE ORGANIC COMPOUNDS (MW-29)**<br>2nd SEMI-ANNUAL REPORT (2003) | Figure<br>13 |

## TABLES

Table 1: Gauging Data for Monitoring Wells
Table 2: Concentration of Organic Compounds in Groundwater Samples

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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 |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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 | 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 |
| | 10/27/97 | | -- | 9.60 | -- | 4.70 |
| | 01/27/98 | | -- | 6.40 | -- | 7.90 |
| | 04/22/98 | 14.30 | -- | 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 |
| | 02/08/00 | | -- | 7.92 | -- | 6.38 |
| | 04/26/00 | | -- | 6.91 | -- | 7.39 |
| | 08/03/00 | | -- | 8.31 | -- | 5.99 |
| | 10/23/00 | | -- | 9.18 | -- | 5.12 |
| | 01/31/01 | | -- | 8.88 | -- | 5.42 |
| | 04/26/01 | | -- | 7.47 | -- | 6.83 |
| | 07/30/01 | | -- | 8.83 | -- | 5.47 |
| | 10/29/01 | | -- | 9.42 | -- | 4.88 |
| | 01/28/02 | | -- | 6.82 | -- | 7.48 |
| | 04/29/02 | | -- | 7.73 | -- | 6.57 |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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-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 | 14.12 | -- | 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 |
| | 02/08/00 | | -- | 7.68 | -- | 6.44 |
| | 10/23/00 | | -- | 9.11 | -- | 5.01 |
| | 01/31/01 | | -- | 8.78 | -- | 5.34 |
| | 04/26/01 | | -- | 7.35 | -- | 6.77 |
| | 07/30/01 | | -- | 8.67 | -- | 5.45 |
| | 10/30/01 | | -- | 9.26 | -- | 4.86 |
| | 01/28/02 | | -- | 6.60 | -- | 7.52 |
| | 04/29/02 | | -- | 7.58 | -- | 6.54 |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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 |

## Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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-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 |
| 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 |

## Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| Well No. | Gauging Date | TOC Elevation (ft) | TOC Depth to Product (ft) | TOC Depth to Water (ft) | Product Thickness (ft) | Water Table Elevation (ft msl) |
|---|---|---|---|---|---|---|
| MW-23 | 02/24/94 | 14.48 | 8.87 | 8.94 | 0.07 | 5.54 |
| | 03/18/94 | 14.48 | 7.04 | 8.44 | 1.40 | 6.04 |
| | 06/02/94 | | 8.21 | 10.00 | 1.79 | 4.48 |
| | 08/31/94 | | 9.93 | 10.61 | 0.68 | 3.87 |
| | 12/22/94 | | 8.32 | 8.73 | 0.41 | 5.75 |
| | 03/13/95 | | -- | 5.52 | -- | 8.96 |
| | 06/09/95 | | 8.24 | 8.55 | 0.31 | 5.93 |
| | 07/27/95 | | 8.43 | 8.87 | 0.44 | 5.61 |
| | 09/22/95 | | 9.35 | 10.06 | 0.71 | 4.42 |
| | 12/06/95 | | -- | 10.07 | -- | 4.41 |
| | 12/18/95 | | 9.40 | 9.70 | 0.30 | 4.78 |
| | 12/18/95 | | -- | 9.89 | -- | 4.59 |
| | 12/18/95 | | 9.46 | 9.49 | 0.03 | 4.99 |
| | 12/19/95 | | 9.45 | 9.55 | 0.10 | 4.93 |
| | 12/19/95 | | -- | 9.88 | -- | 4.60 |
| | 12/19/95 | | 9.48 | 9.52 | 0.04 | 4.96 |
| | 12/28/95 | | 9.40 | 9.52 | 0.12 | 4.96 |
| 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 |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| Well No. | Gauging Date | TOC Elevation (ft) | TOC Depth to Product (ft) | TOC Depth to Water (ft) | Product Thickness (ft) | Water Table Elevation (ft msl) |
|---|---|---|---|---|---|---|
| MW-25 | 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 | 12.86 | -- | 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 |
| | 02/08/00 | | -- | 6.70 | -- | 6.16 |
| | 04/26/00 | | -- | 5.50 | -- | 7.36 |
| | 08/03/00 | | -- | 7.20 | -- | 5.66 |
| | 10/23/00 | | -- | 8.05 | -- | 4.81 |
| | 01/31/01 | | -- | 7.80 | -- | 5.06 |
| | 04/26/01 | | -- | 6.24 | -- | 6.62 |
| | 07/30/01 | | -- | 7.51 | -- | 5.35 |
| | 10/29/01 | | -- | 8.17 | -- | 4.69 |
| | 01/28/02 | | -- | 5.73 | -- | 7.13 |
| | 04/29/02 | | -- | 6.55 | -- | 6.31 |
| | 10/22/02 | | -- | 8.11 | -- | 4.75 |
| | 11/15/02 | | -- | 7.93 | -- | 4.93 |
| | 05/06/03 | | -- | 5.93 | -- | 6.93 |
| | **10/13/03** | | -- | **7.74** | -- | **5.12** |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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 |
| | 02/08/00 | | -- | 6.77 | -- | 5.94 |
| | 04/26/00 | | -- | 6.19 | -- | 6.52 |
| | 08/03/00 | | -- | 7.12 | -- | 5.59 |
| | 10/23/00 | | -- | 8.85 | -- | 3.86 |
| | 01/31/01 | | -- | 7.55 | -- | 5.16 |
| | 04/26/01 | 12.71 | -- | 7.05 | -- | 5.66 |
| | 07/30/01 | | -- | 7.37 | -- | 5.34 |
| | 10/29/01 | | -- | 7.96 | -- | 4.75 |
| | 01/28/02 | | -- | 5.46 | -- | 7.25 |
| | 04/29/02 | | -- | 6.33 | -- | 6.38 |
| | 10/10/02 | | -- | 8.00 | -- | 4.71 |
| | 11/15/02 | | -- | 8.09 | -- | 4.62 |
| | 05/06/03 | | -- | 7.04 | -- | 5.67 |
| | **10/13/03** | | **--** | **7.42** | **--** | **5.29** |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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-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 |
| | 02/08/00 | | -- | 7.72 | -- | 6.32 |
| | 04/26/00 | | -- | 6.75 | -- | 7.29 |
| | 08/03/00 | | -- | 8.25 | -- | 5.79 |
| | 10/23/00 | | -- | 9.13 | -- | 4.91 |
| | 01/31/01 | | -- | 8.92 | -- | 5.12 |
| | 04/26/01 | | -- | 7.44 | -- | 6.60 |
| | 07/30/01 | | -- | 8.70 | -- | 5.34 |
| | 10/29/01 | | -- | 9.26 | -- | 4.78 |
| | 01/28/02 | | -- | 6.82 | -- | 7.22 |
| | 04/29/02 | | -- | 7.66 | -- | 6.38 |
| | 10/10/02 | | -- | 9.22 | -- | 4.82 |
| | 11/15/02 | | -- | 9.08 | -- | 4.96 |
| | 05/06/03 | | -- | 7.03 | -- | 7.01 |
| | **10/13/03** | | -- | **8.80** | -- | **5.24** |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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 | 02/24/94 | 13.45 | -- | 7.98 | -- | 5.47 |
| | 03/18/94 | | -- | 6.65 | -- | 6.80 |
| | 06/02/94 | | -- | 8.28 | -- | 5.17 |
| | 08/31/94 | | -- | 9.03 | -- | 4.42 |
| | 12/22/94 | | -- | 6.73 | -- | 6.72 |
| | 03/13/95 | | -- | 5.93 | -- | 7.52 |
| | 06/09/95 | | -- | 7.20 | -- | 6.25 |
| | 09/22/95 | | -- | 8.37 | -- | 5.08 |
| | 12/12/95 | | -- | 9.00 | -- | 4.45 |
| | 12/18/95 | | -- | 8.44 | -- | 5.01 |
| | 03/12/96 | | -- | 5.62 | -- | 7.83 |
| | 06/21/96 | | -- | 7.08 | -- | 6.37 |
| | 08/29/96 | | -- | 9.30 | -- | 4.15 |
| | 01/16/97 | | -- | 6.50 | -- | 6.95 |
| | 04/15/97 | | -- | 7.17 | -- | 6.28 |
| | 07/07/97 | | -- | 8.26 | -- | 5.19 |
| | 10/27/97 | 13.45 | -- | 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 |
| | 02/08/00 | | -- | 7.27 | -- | 6.18 |
| | 04/26/00 | | -- | 6.19 | -- | 7.26 |
| | 08/03/00 | | -- | 7.75 | -- | 5.70 |
| | 10/23/00 | | -- | 9.40 | -- | 4.05 |
| | 01/31/01 | | -- | 8.68 | -- | 4.77 |
| | 04/26/01 | | -- | 6.14 | -- | 7.31 |
| | 07/30/01 | | -- | 8.15 | -- | 5.30 |
| | 10/29/01 | | -- | 8.68 | -- | 4.77 |
| | 01/28/02 | | -- | 6.20 | -- | 7.25 |
| | 04/29/02 | | -- | 7.12 | -- | 6.33 |
| | 10/10/02 | | -- | 8.73 | -- | 4.72 |
| | 11/15/02 | | -- | 8.51 | -- | 4.94 |
| | 05/06/03 | | -- | 7.09 | -- | 6.36 |
| | **10/13/03** | | **--** | **8.06** | **--** | **5.39** |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| Well No. | Gauging Date | TOC Elevation (ft) | TOC Depth to Product (ft) | TOC Depth to Water (ft) | Product Thickness (ft) | Water Table Elevation (ft msl) |
|---|---|---|---|---|---|---|
| MW-29 | 02/24/94 | 12.60 | -- | 7.20 | -- | 5.40 |
| | 03/18/94 | | -- | 5.82 | -- | 6.78 |
| | 06/02/94 | | -- | 7.62 | -- | 4.98 |
| | 08/31/94 | | -- | 8.44 | -- | 4.16 |
| | 12/22/94 | | -- | 7.00 | -- | 5.60 |
| | 03/13/95 | | -- | 5.55 | -- | 7.05 |
| | 06/09/95 | | -- | 6.59 | -- | 6.01 |
| | 09/22/95 | | -- | 7.58 | -- | 5.02 |
| | 12/12/95 | | -- | 8.02 | -- | 4.58 |
| | 12/18/95 | | -- | 7.76 | -- | 4.84 |
| | 03/12/96 | | -- | 5.01 | -- | 7.59 |
| | 06/21/96 | | -- | 6.33 | -- | 6.27 |
| | 08/29/96 | | -- | 7.50 | -- | 5.10 |
| | 01/16/97 | | -- | 5.78 | -- | 6.82 |
| | 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 |
| | 07/21/99 | | -- | 6.88 | -- | 5.72 |
| | 10/25/99 | | -- | 8.01 | -- | 4.59 |
| | 02/08/00 | | -- | 6.64 | -- | 5.96 |
| | 04/26/00 | 12.60 | -- | 5.82 | -- | 6.78 |
| | 08/03/00 | | -- | 6.91 | -- | 5.69 |
| | 10/23/00 | | -- | 7.71 | -- | 4.89 |
| | 01/31/01 | | -- | 7.54 | -- | 5.06 |
| | 04/26/01 | | -- | 6.10 | -- | 6.50 |
| | 07/30/01 | | -- | 7.35 | -- | 5.25 |
| | 10/29/01 | | -- | 7.95 | -- | 4.65 |
| | 01/28/02 | | -- | 5.56 | -- | 7.04 |
| | 04/29/02 | | -- | 6.36 | -- | 6.24 |
| | 10/10/02 | | -- | 7.93 | -- | 4.67 |
| | 11/15/02 | | -- | 7.70 | -- | 4.90 |
| | 05/06/03 | | -- | 5.91 | -- | 6.69 |
| | **10/13/03** | | **--** | **7.51** | **--** | **5.09** |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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-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 |
| | 02/08/00 | | -- | 8.36 | -- | 6.18 |
| | 04/26/00 | | -- | 7.41 | -- | 7.13 |
| | 08/03/00 | | -- | 8.55 | -- | 5.99 |
| | 10/23/00 | | -- | 9.73 | -- | 4.81 |
| | 01/31/01 | | -- | 9.32 | -- | 5.22 |
| | 04/26/01 | | -- | 8.03 | -- | 6.51 |
| | 07/30/01 | | -- | 9.23 | -- | 5.31 |
| | 10/29/01 | | -- | 9.85 | -- | 4.69 |
| | 01/28/02 | | -- | 7.20 | -- | 7.34 |
| | 04/29/02 | | -- | 8.26 | -- | 6.28 |
| | 10/10/02 | 14.54 | -- | 9.79 | -- | 4.75 |
| | 05/06/03 | | -- | 7.61 | -- | 6.93 |
| | **10/13/03** | | -- | **9.43** | -- | **5.11** |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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-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 |
| | 01/16/97 | | -- | 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 |
| | 02/08/00 | | -- | 8.09 | -- | 6.67 |
| | 04/26/00 | | -- | 7.09 | -- | 7.67 |
| | 08/03/00 | | -- | 7.65 | -- | 7.11 |
| | 10/23/00 | | -- | 9.42 | -- | 5.34 |
| | 01/31/01 | | -- | 9.14 | -- | 5.62 |
| | 04/26/01 | | -- | 7.65 | -- | 7.11 |
| | 07/30/01 | | -- | 9.03 | -- | 5.73 |
| | 10/29/01 | | -- | 9.62 | -- | 5.14 |
| | 01/28/02 | | -- | 7.00 | -- | 7.76 |
| | 04/29/02 | | -- | 7.83 | -- | 6.93 |
| | 10/10/02 | | -- | 9.72 | -- | 5.04 |
| | 05/06/03 | | -- | 7.19 | -- | 7.57 |
| | **10/13/03** | | -- | **9.24** | -- | **5.52** |

# Table 1
## Gauging Data for Monitoring Wells
## Former Nestle Beverage Division
## Oakland, California, 1994-2003

| 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) |
|---|---|---|---|---|---|---|
| MW33 | 07/21/99 | | -- | 8.56 | -- | |
| | 10/25/99 | | -- | 9.62 | -- | |
| | 04/26/00 | | -- | 6.82 | -- | |
| | 08/03/00 | | -- | 7.51 | -- | |
| | 10/23/00 | | -- | 9.43 | -- | |
| | 01/31/01 | | -- | 9.20 | -- | |
| | 04/26/01 | | -- | 7.65 | -- | |
| | 07/30/01 | | -- | 9.03 | -- | |
| | 10/29/01 | | -- | 9.64 | -- | |
| | 01/28/02 | | -- | 7.00 | -- | |
| | 04/29/02 | | -- | 7.86 | -- | |
| MW100 | 07/30/01 | | -- | 9.43 | -- | |
| | 10/30/01 | | -- | 10.03 | -- | |
| | 01/28/02 | | -- | 7.15 | -- | |
| | 04/29/02 | | -- | 8.20 | -- | |
| | 10/10/02 | | -- | 10.04 | -- | |
| | 05/06/03 | | -- | 7.50 | -- | |
| | **10/13/03** | | -- | **9.57** | -- | |

ft = Feet.
ft msl = Feet relative to mean sea level.
TOC = Top of casing.
-- = Product not present.

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | 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 | -- | -- | -- | -- | -- | Non-diesel peak reported. |
| | 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 | -- | -- | -- | -- | -- | |
| | 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 | -- | |
| | 02/10/00 | 690 | 22 | 36 | 49 | 1,400 | 520 | <0.5 | <0.5 | <0.5 | <0.5 | 2.20 | |
| | 04/27/00 | 1,100 | 140 | 73 | 163 | 2,400 | 250 | <0.5 | 0.6 | <0.5 | <0 5 | <0.5 | |
| | 08/03/00 | 520 | 7.7 | 21 | 27 | 1,100 | 750 | <0.5 | 0.6 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | 2,000 | 16 | 22 | 46 | 3,800 | 760 | <0.5 | 0.7 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | 360 | 8.6 | 14 | 28 | 860 | 300 | <0.5 | 0.6 | <0.5 | <0.5 | <0.5 | |
| | 04/26/01 | 808 | 60.6 | 46.8 | 115 | 1,530 | 280 | <0.5 | 0.8 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | 788 | 23.3 | 44.6 | 80.7 | 1,400 | 350 | <0.5 | 0.6 | <0.5 | <0.5 | <0.5 | |
| | 10/29/01 | 852 | 14.3 | 24.5 | 38.6 | 1,730 | 500 | <0.5 | 0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/29/02 | 1,250 | 85.3 | 64.7 | 95.7 | 4,240 | 490 | <0.5 | 1.4 | <0.5 | <0.5 | <0.5 | |
| | 04/29/02 | 1,120 | 51.5 | 84.4 | 117 | 5,710 | 700 | <0.5 | 1.1 | <0.5 | <0.5 | <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 | -- | -- | -- | -- | -- | Non-diesel peak reported. |
| | 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 | |

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-6 (cont.) | 10/24/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | 7.7 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | 6.9 | <0.5 | <0.5 | <0.5 | |
| | 04/27/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | 6.6 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | 9.2 | <0.5 | <0.5 | <0.5 | |
| | 10/30/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | <0.5 | 10 | <0.5 | <0.5 | <0.5 | |
| | 01/29/02 | 0.54 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | 10 | <0.5 | <0.5 | <0.5 | |
| | 04/30/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | 14 | <0.5 | <0.5 | <0.5 | |
| MW-11 | 02/05/99 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <150 | -- | -- | -- | -- | <0.5 | |
| 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 | -- | -- | -- | -- | -- | Non-diesel peak reported. |
| | 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 | 1,1-DCE detected, 0.9 µg/L. |
| | 04/07/99 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | 27 | 72 | <0.5 | <0.5 | 27 | 1,1-DCE detected, 1.6 µg/L |
| | 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 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0.5 | 100 | <250 | 39 | 41 | <0.5 | <0.5 | 29.0 | 1,1-Dichloroethene detected at 3 1 µg/L. |
| | 04/26/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | <250 | 51 | 38 | <0.5 | <0.5 | 18 | 1,1-Dichloroethene detected at 4.2 µg/L. |
| | 08/03/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | 40 | 57 | <0.5 | <0.5 | 27 | 1,1-Dichloroethene detected at 2.6 µg/L. |
| | 10/23/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | 54 | 68 | <0.5 | <0.5 | 38 | 1,1-Dichloroethene detected at 3.5 µg/L. |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | 90 | <250 | 52 | 46 | <0.5 | <0.5 | 22 | 1,1-Dichloroethene detected at 6.5 µg/L. |
| | 04/26/01 | <0.5 | 0.62 | <0.5 | <0.5 | <200 | <250 | 49 | 37 | <0.5 | <0.5 | 15.8 | 1,1-Dichloroethene detected at 6 0 µg/L. |
| | 07/30/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | 33 | 36 | <0.5 | <0.5 | 10.9 | Chloromethane detected at 0.8 µg/L. 1,1-Dichloroethene detected at 4.6 µg/L. |
| | 10/29/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | 22 | 38 | <0.5 | <0.5 | 10.5 | Chloromethane detected at 0.5 µg/L. 1,1-Dichloroethene detected at 1.8 µg/L. |
| | 01/28/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 25 | 56 | <0.5 | <0.5 | 8.90 | 1,1-Dichloroethene detected at 2.8 µg/L. |
| | 04/29/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 14 | 44 | <0.5 | <0.5 | 6.92 | 1,1-Dichloroethene detected at 1.7 µg/L. 1,1,2,2-Tetrachloroethane detected at 0.5 µg/L. |
| | 10/22/02 | 7.64 | 248 | 133 | 843 | 4,790 | 1,240 | 9.6 | 34 | <0.5 | <0.5 | 1,410 | 1,1-Dichloroethene detected at 0.9 µg/L. |
| | 11/15/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 11 | 35 | <0.5 | <0.5 | 7.3 | Chloroethane detected at 22 µg/L |
| | 05/06/03 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 8.5 | 34 | <0.5 | <0.5 | 5.7 | 1,1-Dichloroethene detected at 0.8 µg/L. |
| | **10/14/03** | **<0.5** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **7.6** | **27** | **<0.5** | **<0.5** | **6.3** | |
| 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 | -- | |
| | 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 | -- | Bromodichloromethane detected, 0.84 µg/L. |
| | 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 | -- | 8 other volatiles detected by 8260. |
| | 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 | -- | No diesel pattern detected; result due to high gasoline concentration. |
| | 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 | cis-1,2-DCE detected, 0.7 µg/L. |
| | 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 | |

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-26 | 01/27/98 | 23,600 | <5.0 | <5.0 | <5.0 | 26,000 | 420 | 8.3 | 100 | <0.5 | <0.5 | 100 | |
| (cont.) | 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 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0.5 | 80 | <250 | 13 | 32 | <0.5 | <0.5 | 28.0 | |
| | 04/26/00 | 0.7 | <0.5 | 0.6 | <0.5 | 200 | 340 | 7.5 | 39 | <0.5 | <0.5 | 22 | |
| | 08/03/00 | 6.8 | <0.5 | 0.6 | 1.4 | <50 | <250 | 7.4 | 19 | <0.5 | <0.5 | 19 | |
| | 10/23/00 | 10 | 0.8 | 1.7 | 1.7 | 80 | <250 | 5.1 | 37 | <0.5 | <0.5 | 26 | |
| | 01/31/01 | 26 | 0.70 | 2.4 | 2.2 | 390 | 320 | 5.7 | 51 | <0.5 | <0.5 | 33 | |
| | 04/26/01 | 10.6 | <0.5 | 0.70 | 1.04 | 400 | 350 | 16 | 39 | <0.5 | <0.5 | 28.5 | |
| | 07/30/01 | 107 | <0.5 | 1.42 | 1.06 | 1,920 | 380 | 22 | 44 | <0.5 | <0.5 | 31.4 | |
| | 10/29/01 | 31.6 | <0.5 | <0.5 | <1.0 | 2,020 | 500 | 26 | 25 | <0.5 | <0.5 | 27 | |
| | 01/28/02 | 30.0 | <0.5 | 0.70 | <1.0 | 450 | 380 | 43 | <0.5 | <0.5 | <0.5 | 14.5 | 1,1-Dichloroethene detected at 1 8 µg/L |
| | 04/29/02 | 394 | <0.5 | <0.5 | <1.0 | 1,870 | 550 | 50 | 23 | <0.5 | <0.5 | 8.62 | 1,1-Dichloroethene detected at 2.5 µg/L. |
| | 10/22/02 | 1,440 | 25.7 | 6.60 | 20 4 | 4,440 | 890 | 53 | 26 | <0.5 | <0.5 | 168 | 1,1-Dichloroethene detected at 3.7 µg/L. |
| | 11/15/02 | 1,630 | 0.56 | 3.22 | 3.86 | 5,590 | 780 | 18 | 33 | <0.5 | <0.5 | 49.2 | 1,1-dichloroethene detected at 1 0 µg/L |
| | 05/06/03 | 1,250 | <0.5 | 2.42 | <1.0 | 3,730 | 380 | 46 | 24 | <0.5 | <0.5 | 13.1 | 1,1-Dichloroethene detected at 3.1 µg/L. |
| | **10/14/03** | **51** | **<0.5** | **1.38** | **<1.0** | **3,100** | **<250** | **83** | **28** | **<0.5** | **<0.5** | **23.8** | 1,1-Dichloroethene detected at 3.3 µg/L. |
| 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 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/27/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | 250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 08/16/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | -- | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/26/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/29/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/28/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | 0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/29/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/22/02 | 8.56 | 56.2 | 9.37 | 59.3 | 650 | 600 | <0.5 | <0.5 | <0.5 | <0.5 | 331 | |
| | 11/15/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 05/06/03 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0 5 | <0.5 | <0.5 | <0.5 | |
| | **10/14/03** | **<0.5** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | |
| 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 | -- | -- | -- | -- | -- | Non-diesel peak reported. |
| | 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 | 1,1-DCE detected, 0.9 µg/L. |
| | 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 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | 39 | <0.5 | <0.5 | 4.30 | |
| | 04/26/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | <250 | <0.5 | 50 | <0.5 | <0.5 | 1.5 | |

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-28 (cont.) | 08/03/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | 47 | <0.5 | <0.5 | 3.7 | |
| | 10/23/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | 57 | <0.5 | <0.5 | 4.7 | |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | 46 | <0.5 | <0.5 | 4.4 | |
| | 04/26/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | 26 | <0.5 | <0.5 | 1.98 | |
| | 07/30/01 | 0.5 | <0.5 | 0.64 | 2.58 | <200 | <250 | <0.5 | 38 | <0.5 | <0.5 | 3.0 | Chloromethane detected at 3.3 µg/L. |
| | 10/29/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | <0.5 | 29 | <0.5 | <0.5 | 3.74 | |
| | 01/28/02 | 6.20 | <0.5 | <0.5 | <1.0 | <200 | <250 | 2.8 | 50 | <0.5 | <0.5 | 6.00 | |
| | 04/29/02 | 1.64 | <0.5 | <0.5 | <1.0 | <200 | <250 | 3.7 | 44 | <0.5 | <0.5 | 4.81 | |
| | 10/22/02 | 25.0 | <0.5 | <0.5 | <1.0 | 750 | <250 | 2.0 | 59 | <0.5 | <0.5 | <0.5 | |
| | 11/15/02 | 13.4 | <0.5 | 1.29 | <1.0 | 610 | <250 | 1.3 | 54 | <0.5 | <0.5 | <0.5 | Chloromethane detected at 1.0 µg/L. |
| | 05/06/03 | 3.1 | <0.5 | <0.5 | <1.0 | 390 | <250 | 0.8 | 70 | <0.5 | <0.5 | 9.29 | Chloroethane detected at 0.8 µg/L. |
| | **10/14/03** | **<0.5** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **<0.5** | **38** | **<0.5** | **<0.5** | **6.44** | |
| 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 | -- | -- | -- | -- | -- | |
| | 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 | -- | -- | -- | -- | -- | Non-diesel peak reported. |
| | 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 | 1,1-DCE detected, 1.4 µg/L. |
| | 07/23/99 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <200 | 44 | 33 | <0.5 | 1.9 | 4.70 | 1,1-Dichloroethene detected at 2.3 µg/L. cis-1,2-Dichloroethene detected at 2.3 µg/L |
| | 10/27/99 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | <200 | 36 | 23 | -- | <0.5 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0 5 | <50 | <250 | 87 | 25 | <0.5 | <0.5 | 18.0 | 1,1-Dichloroethene detected at 9 6 µg/L. |
| | 04/26/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | <250 | 61 | 38 | <0.5 | <0.5 | 12 | 1,1-Dichloroethene detected at 5.2 µg/L |
| | 08/16/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | -- | 49 | 21 | <0.5 | <0.5 | 17 | 1,1-Dichloroethene detected at 6.0 µg/L |
| | 10/23/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | 94 | 40 | <0.5 | <0.5 | 34 | 1,1-Dichloroethene detected at 14 µg/L. |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | 60 | <250 | 100 | 35 | <0.5 | <0.5 | 26 | 1,1-Dichloroethene detected at 13 µg/L |
| | 04/26/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | 270 | 87 | 38 | <0.5 | <0.5 | 39.1 | 1,1-Dichloroethene detected at 12 µg/L |
| | 07/30/01 | 1.25 | 1.28 | 1.1 | 5.99 | 220 | <250 | 120 | 42 | <0.5 | <0.5 | 42.3 | 1,1-Dichloroethene detected at 13 µg/L. |
| | 10/29/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | 120 | 34 | <0.5 | <0.5 | 28.0 | 1,1-Dichloroethene detected at 14 µg/L. |
| | 01/28/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 120 | 44 | <0.5 | <0.5 | 28.9 | 1,1-Dichloroethene detected at 26 µg/L. |
| | 04/29/02 | 4.95 | <0.5 | <0.5 | <1.0 | <200 | <250 | 130 | 29 | <0.5 | <0.5 | 20.9 | 1,1-Dichloroethene detected at 23 µg/L |
| | 10/22/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 140 | 26 | <0.5 | <0.5 | 18.1 | 1,1-Dichloroethene detected at 19 µg/L. |
| | 11/15/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 120 | 26 | <0.5 | <0.5 | 13.9 | 1,1-dichloroethene detected at 15 µg/L. |
| | 05/06/03 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 140 | 31 | <0.5 | <0.5 | 13.1 | 1,1-Dichloroethene detected at 24 µg/L. |
| | **10/14/03** | **<0.5** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **110** | **22** | **<0.5** | **<0.5** | **11.9** | Chloromethane detected at 0.9 µg/L |
| 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 | -- | -- | -- | -- | -- | Non-diesel peak reported. |
| | 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 | -- | |
| | 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 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/27/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | 250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-30 (cont.) | 08/04/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/24/00 | 5.4 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/27/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/29/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroethane detected at 1.3 µg/L. |
| | 01/29/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/30/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/22/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 05/06/03 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | **10/14/03** | **<0.5** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **<0.5** | **<0.5** | **<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 | -- | Non-diesel peak reported. |
| | 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 | -- | cis-1,2-DCE detected, 0.8 µg/L. |
| | 07/07/97 | 370 | 11 | 110 | 21 | 1,600 | 190 | -- | -- | -- | -- | 11 | Values for benzene and ethylbenzene are estimated. |
| | 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 | -- | |
| | 02/10/00 | 7.0 | <0.5 | <0.5 | <0.5 | 120 | <250 | <0.5 | 4.3 | <0.5 | <0.5 | 1.10 | |
| | 04/27/00 | 240 | 7.0 | 12 | 18.8 | 800 | 250 | <0.5 | 9.8 | <0.5 | <0.5 | <0.5 | |
| | 08/03/00 | 620 | 3.0 | 14 | 4.1 | 1,300 | <250 | <0.5 | 3.0 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | 430 | 4.30 | 5.50 | 8.80 | 1,200 | 260 | <0.5 | 7.8 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | 42 | 1.5 | 0.90 | 2.8 | 280 | <250 | <0.5 | 5.7 | <0.5 | <0.5 | 3.6 | |
| | 04/26/01 | 268 | 13.0 | 22.1 | 22.0 | 780 | <250 | <0.5 | 6.3 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | 29.4 | <0.5 | 0.52 | 0.51 | 320 | <250 | <0.5 | 6.6 | <0.5 | <0.5 | <0.5 | |
| | 10/29/01 | 16.1 | 2.01 | 1.14 | 3.96 | <200 | <500 | <0.5 | 5.4 | <0.5 | <0.5 | <0.5 | |
| | 01/29/02 | 12.0 | <0.5 | 0.70 | <1.0 | <200 | <250 | <0.5 | 4.9 | <0.5 | 2.0 | <0.5 | cis 1,2-Dichloroethene detected at 1.3 µg/L |
| | 04/29/02 | 188 | 5.52 | 9.70 | 13.0 | 680 | <250 | <0.5 | 6.0 | <0.5 | <0.5 | <0.5 | |
| | 10/22/02 | 4.84 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | 4.8 | <0.5 | <0.5 | <0.5 | |
| | 05/06/03 | 20.72 | 0.76 | 0.86 | 2.08 | <200 | <250 | <0.5 | 5.8 | <0.5 | <0.5 | <0.5 | |
| | **10/14/03** | **6.02** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **<0.5** | **3.2** | **<0.5** | **<0.5** | **<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 | -- | |
| | 02/10/00 | 20 | 0.7 | 12 | 10.0 | 380 | <250 | 0.9 | 0.6 | <0.5 | <0.5 | 1.30 | |
| | *04/27/00* | *6.9* | *<0.5* | *6.4* | *<0.5* | *<100* | *250* | *4.3* | *0.9* | *<0.5* | *<0.5* | *<0.5* | |
| | 08/03/00 | 31 | 0.5 | 20 | 1.0 | 150 | 550 | <0.5 | 0.6 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | 89 | 1.5 | 36 | 3.9 | 350 | <250 | <0.5 | 2.1 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | 6.8 | <0.5 | 2.0 | <0.5 | <50 | <250 | 1.9 | 0.6 | <0.5 | <0.5 | 0.7 | |
| | 04/26/01 | 6.61 | 0.56 | 1.63 | 0.61 | <200 | <250 | 2.6 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | 4.43 | 2.61 | 1.34 | 6.6 | <200 | <250 | 2.2 | 0.5 | <0.5 | <0.5 | <0.5 | Dichlorodifluoromethane detected at 0.6 µg/L. |
| | 10/29/01 | 14.2 | <0.5 | 0.63 | <1.0 | <200 | <500 | 1.3 | 0.7 | <0.5 | <0.5 | <0.5 | |
| | 01/28/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | 1.1 | 0.5 | <0.5 | 3.8 | <0.5 | Dichlorodiflouromethane detected at 1.9 µg/L., cis 1,2-Dichloroethene detected at 8.9 µg/L. |
| | 04/29/02 | 14.6 | <0.5 | 1.41 | <1.0 | <200 | <250 | 0.8 | 0.9 | <0.5 | <0.5 | <0.5 | Dichlorodiflouromethane detected at 1.9 µg/L. |
| MW100 | 07/06/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloromethane detected at 1.8 µg/L |
| | 10/30/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/28/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/29/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/22/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 05/06/03 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | **10/14/03** | **<0.5** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | |
| MW-? | 02/05/99 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 430 | -- | -- | -- | -- | <0.5 | |
| 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 | -- | |

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | -- | |
| | 02/09/00 | 24,000 | 25,000 | 10,000 | 53,000 | 360,000 | 82,000 | <0.5 | 4.0 | <0.5 | <0.5 | 1,000 | |
| | 04/27/00 | 17,000 | 9,500 | 16,000 | 92,000 | 1,300,000 | 20,300 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| | 08/04/00 | 20,000 | 8,800 | 2,600 | 16,000 | 73,000 | 54,500 | <0.5 | 1.0 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | 26,000 | 12,000 | 4,000 | 20,000 | 96,000 | 36,000 | <0.5 | 1.2 | <0.5 | <0.5 | <5.0 | Chloroethane detected at 6.0 µg/L. |
| | 04/27/01 | 16,200 | 8,600 | 3,220 | 19,000 | 178,000 | 22,700 | <0.5 | 14 | <0.5 | <0.5 | <25 | Chloroethane detected at 4.6 µg/L. |
| | 07/30/01 | 14,500 | 8,900 | 4,400 | 24,700 | 132,000 | 29,700 | <0.5 | 11 | <0.5 | <0.5 | <50 | Chloromethane detected at 0.6 µg/L., Chloroethane detected at 11 µg/L., Methylene chloride detected at 0.5 µg/L. |
| | 10/29/01 | 12,600 | 6,650 | 2,260 | 12,400 | 86,100 | 50,000 | <0.5 | 7.8 | <0.5 | <0.5 | <25 | Chloroethane detected at 6.0 µg/L. |
| | 01/29/02 | 8,930 | 4,860 | 2,640 | 12,700 | 114,000 | 19,400 | <0.5 | 30 | <0.5 | <0.5 | <0.5 | Chloroethane detected at 7.5 µg/L. |
| | 05/16/02 | 14,300 | 2,630 | 1,580 | 7,780 | 125,000 | 15,600 | <0.5 | 1.0 | <0.5 | <0.5 | <0.5 | Chloroethane detected at 7.3 µg/L. |
| 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 | Methylene chloride detected at 7 9 µg/L |
| | 10/28/99 | 19,000 | 530 | 1,800 | 5,800 | 40,000 | 450,000 | <0.5 | <0.5 | -- | <0.5 | -- | |
| | 02/09/00 | 22,000 | 1,600 | 4,100 | 15,800 | 200,000 | 140,000 | <0.5 | 1.3 | <0.5 | <0.5 | 430 | |
| | 04/28/00 | 20,000 | 2,200 | 4,700 | 18,600 | 270,000 | 88,000 | <1.0 | <1.0 | <1.0 | <1.0 | <5.0 | |
| | 08/04/00 | 26,000 | 1,600 | 2,900 | 15,000 | 150,000 | 110,000 | <0.5 | 2.3 | <0.5 | <0.5 | <0.5 | |
| | 10/24/00 | 52,000 | 13,000 | 41,000 | 180,000 | 650,000 | 280,000 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| | 01/31/01 | 81,000 | 840 | 57,000 | 210,000 | 5,300,000 | 276,000 | <0.5 | 1.0 | <0.5 | <0.5 | 500 | Chloroethane detected at 2.4 µg/L., Methylene chloride detected at 0.6 µg/L. |
| | 04/27/01 | 25,000 | 16,300 | 14,700 | 55,000 | 886,000 | 134,000 | <0.5 | <0.5 | <0.5 | <0.5 | 1,040 | Chloroethane detected at 1.5 µg/L. |
| | 07/30/01 | 31,100 | 2,480 | 13,500 | 51,700 | 340,000 | 185,000 | <0.5 | 1.3 | <0.5 | <0.5 | 2,510 | Chloromethane detected at 13 µg/L., Chloroethane detected at 46 µg/L., Methylene chloride detected at 0.6 µg/L. |
| | 10/29/01 | 22,700 | 1,630 | 3,070 | 11,500 | 126,000 | 140,000 | <0.5 | 0.9 | <0.5 | <0.5 | <50 | Chloromethane detected at 0.6 µg/L., Chloroethane detected at 4.0 µg/L., Methylene chloride detected at 0 7 µg/L |
| | 01/29/02 | 21,500 | 1,840 | 4,540 | 16,800 | 517,000 | 272,000 | <0.5 | <0.5 | <0.5 | <0.5 | 44.1 | Chloroethane detected at 1.5 µg/L. |
| | 05/16/02 | 31,600 | 53,600 | 43,800 | 216,000 | 2,020,000 | 75,000 | <5.0 | <5.0 | <5.0 | <5.0 | 63.5 | Chloroethane detected at 8 3 µg/L. |
| 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 | Methylene chloride detected at 6.2 µg/L. |
| | 10/27/99 | 17,000 | 3,900 | 890 | 3,320 | 54,000 | 16,000 | <0.5 | 18 | -- | <0.5 | -- | |
| | 02/09/00 | 21,000 | 5,000 | 1,200 | 5,300 | 65,000 | 9,400 | 0.6 | 20 | <0.5 | <0.5 | 67.0 | Methylene chloride detected at 0 8 µg/L |
| | 04/28/00 | 34,000 | 30,000 | 9,300 | 51,000 | 730,000 | 104,000 | <1.0 | <1.0 | <1.0 | <1.0 | 340 | |
| | 08/04/00 | 35,000 | 17,000 | 3,800 | 24,000 | 180,000 | 69,500 | <0.5 | 1.7 | <0.5 | <0.5 | 110 | |
| | 10/24/00 | 99,000 | 110,000 | 80,000 | 640,000 | 580,000 | 380,000 | <5.0 | 5.0 | <5.0 | <5.0 | 380 | |
| | 01/31/01 | 66,000 | 15,000 | 28,000 | 140,000 | 2,400,000 | 960,000 | <0.5 | 1.5 | <0.5 | <0.5 | 660 | Chloroethane detected at 1 7 µg/L, Methylene chloride detected at 0.9 µg/L. |
| | 04/27/01 | 55,500 | 10,000 | 23,700 | 137,000 | 4,240,000 | 806,000 | <0.5 | <0.5 | <0.5 | <0.5 | <5,000 | Chloroethane detected at 1.7 µg/L; Methylene chloride detected at 1.1 µg/L. |
| | 10/29/01 | 46,500 | 9,520 | 12,900 | 74,000 | 1,630,000 | 130,000 | <0.5 | 0.8 | <0.5 | <0.5 | <500 | Chloroethane detected at 3 0 µg/L, Methylene chloride detected at 0.9 µg/L. |
| | 01/29/02 | 33,000 | 7,340 | 10,300 | 41,800 | 495,000 | 462,000 | <0.5 | 1.8 | <0.5 | <0.5 | 122 | Chloroethane detected at 3.2 µg/L. |
| | 05/16/02 | 35,800 | 10,500 | 18,700 | 130,000 | 3,280,000 | 113,000 | <5.0 | <5.0 | <5.0 | <5.0 | 242 | |
| 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 | Methylene chloride detected at 2.5 µg/L. |
| | 10/26/99 | 27,000 | 10,000 | 3,700 | 19,500 | 190,000 | 350,000 | <0.5 | <0.5 | -- | <0.5 | -- | |
| | 02/09/00 | 27,000 | 23,000 | 9,900 | 50,000 | 960,000 | 110,000 | <0.5 | 3.9 | <0.5 | <0.5 | 1,000 | |
| | 04/28/00 | 24,000 | 14,000 | 1,200 | 9,000 | 76,000 | 80,000 | <1.0 | 1.6 | <1.0 | <1.0 | 300 | |
| | 08/04/00 | 27,000 | 7,600 | 1,400 | 11,000 | 120,000 | 54,500 | <0.5 | 2.0 | <0.5 | <0.5 | 200 | |
| | 10/24/00 | 23,000 | 4,400 | 2,000 | 13,000 | 140,000 | 96,000 | <0.5 | 2.3 | <0.5 | <0.5 | <100 | Chloroethane detected at 5.3 µg/L, Methylene chloride detected at 2.3 µg/L |
| | 01/31/01 | 30,000 | 8,300 | 3,300 | 21,000 | 220,000 | 236,000 | <0.5 | 2.6 | <0.5 | <0.5 | 480 | Chloroethane detected at 2.8 µg/L, Methylene chloride detected at 1.7 µg/L |
| | 04/27/01 | 26,100 | 8,650 | 2,120 | 15,900 | 51,300 | 108,000 | <0.5 | <0.5 | <0.5 | <0.5 | <500 | Chloroethane detected at 3.0 µg/L. |
| | 07/30/01 | 31,700 | 18,000 | 9,880 | 58,400 | 320,000 | 71,200 | <0.5 | 3.9 | <0.5 | <0.5 | 2,750 | Chloromethane detected at 2.2 µg/L, Chloroethane detected at 22 µg/L, Methylene chloride detected at 2.6 µg/L. |
| | 10/30/01 | 25,400 | 11,300 | 3,500 | 18,800 | 222,000 | 530,000 | <0.5 | 1.2 | <0.5 | <0.5 | 276 | Chloroethane detected at 7.4 µg/L, Methylene chloride detected at 2.0 µg/L. |
| | 01/29/02 | 13,300 | 9,850 | 4,240 | 33,100 | 108,000 | 48,000 | <0.5 | 7.5 | <0.5 | <0.5 | 51.3 | Chloroethane detected at 6.2 µg/L. |
| | 05/16/02 | 27,900 | 34,500 | 5,630 | 36,400 | 324,000 | 172,000 | <5.0 | 43 | <5.0 | <5.0 | 251 | Chloroethane detected at 9.8 µg/L. |

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PR-64 | 07/26/99 | 22,000 | 18,000 | 1,700 | 10,300 | 110,000 | -- | <0.5 | 130 | <0.5 | <0.5 | 35.0 | Methylene chloride detected at 1.4 µg/L. |
| | 10/27/99 | 11,000 | 7,400 | 1,200 | 3,900 | 66,000 | 50,000 | <0.5 | 110 | -- | <0.5 | -- | |
| | 02/09/00 | 22,000 | 20,000 | 6,000 | 17,000 | 120,000 | 40,000 | <0.5 | >50 | <0.5 | <0.5 | 110 | |
| | 04/28/00 | 19,000 | 16,000 | 1,800 | 13,900 | 130,000 | 78,000 | <1.0 | 67 | <1.0 | <1.0 | 300 | |
| | 05/16/02 | 18,300 | 40,100 | 10,400 | 104,000 | 30,600,000 | 419,000 | <5.0 | <5.0 | <5.0 | <5.0 | <500 | |
| 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 | |
| | 10/22/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 05/06/03 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | **10/14/03** | **<0.5** | **<0.5** | **<0.5** | **<1.0** | **<200** | **<250** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<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 | |
| 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 | -- | |
| | 02/09/00 | 2,200 | 59 | 760 | 350 | 7,900 | 10,000 | <0.5 | <0.5 | <0.5 | <0.5 | 9.70 | |
| | 04/28/00 | 2,900 | 510 | 440 | 2,340 | 14,000 | 26,500 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| | 08/03/00 | 9,400 | 380 | 720 | 2,200 | 28,000 | 70,000 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | 11,000 | 140 | 900 | 1,300 | 30,000 | 51,000 | <0.5 | <0.5 | <0.5 | <0.5 | <12 | |
| | 01/31/01 | 4,600 | 57 | 550 | 1,200 | 34,000 | 88,500 | <0.5 | <0.5 | <0.5 | <0.5 | 44 | |
| | 04/26/01 | 6,400 | 61.5 | 250 | 336 | 34,200 | 227,000 | <0.5 | <0.5 | <0.5 | <0.5 | <25 | |
| | 10/30/01 | 5,360 | 70.0 | 1,090 | 1,450 | 32,700 | 78,000 | <0.5 | <0.5 | <0.5 | <0.5 | <25 | |
| | 01/29/02 | 1,660 | 140 | 492 | 818 | 12,000 | 4,100 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/29/02 | 5,170 | 95.1 | 572 | 523 | 30,600 | 35,100 | <0.5 | <0.5 | <0.5 | <0.5 | 1.06 | |
| 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 | -- | |
| | 02/09/00 | 670 | 8.2 | <0.5 | 17.8 | 890 | 6,100 | <0.5 | 3.0 | <0.5 | <0.5 | <0.5 | |
| | 04/28/00 | 130 | <0.5 | <0.5 | <0.5 | 200 | 5,950 | <0.5 | 0.7 | <0.5 | <0.5 | <0.5 | |
| | 08/04/00 | 460 | 0.8 | <0.5 | 0.6 | 440 | 4,120 | <0.5 | 2.8 | <0.5 | <0.5 | <0.5 | |
| | 10/24/00 | 2,700 | 3.2 | 0.5 | 2.3 | 3,500 | 17,000 | <0.5 | 4.0 | <0.5 | <0.5 | <0.5 | |
| | 04/27/01 | 1,240 | 2.05 | <0.5 | 2.78 | 1,310 | 6,290 | <0.5 | 5.1 | <0.5 | <0.5 | <0.5 | Dichlorodifluoromethane detected at 0.8 µg/L |
| | 07/30/01 | 1,790 | 69.8 | 1.22 | 2.50 | 1,490 | 4,290 | <0.5 | 6.2 | <0.5 | <0.5 | <0.5 | Chloromethane detected at 1.5 µg/L |
| | 10/29/01 | 1,330 | 4.38 | 0 55 | 3.32 | 1,960 | -- | <0.5 | 5.6 | <0.5 | <0.5 | <0.5 | Chloromethane detected at 1 1 µg/L. |
| | 01/29/02 | 655 | 6.40 | <0.5 | 8.00 | 1,840 | 2,250 | <0.5 | 3.9 | <0.5 | <0.5 | <0.5 | Chloromethane detected at 1.8 µg/L. |
| | 05/16/02 | 43.8 | 1.09 | <0.5 | 4.36 | 230 | 5,120 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloromethane detected at 1.8 µg/L. |
| 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 | -- | |
| | 02/09/00 | 300 | 30 | 8.9 | 53 | 2,300 | 1,100 | <0.5 | 1.2 | <0.5 | <0.5 | <0.5 | |
| | 04/28/00 | 30 | 1.9 | <0.5 | <0.5 | 100 | 550 | <5.0 | <5.0 | <5.0 | <5.0 | <0.5 | |
| | 08/04/00 | 900 | 110 | 34 | 120 | 2,700 | 1,380 | <0.5 | 1.0 | <0.5 | <0.5 | <0.5 | |
| | 10/24/00 | 2,000 | 480 | 24 | 110 | 48,000 | 1,900 | <0.5 | 1.0 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | 68 | 1.3 | 5.3 | 8.2 | 970 | 1,820 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/26/01 | 925 | 97.0 | 45.4 | 59.7 | 2,360 | 1,180 | <0.5 | 0.8 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | 1,720 | 282 | 50 | 359 | 8,100 | 7,040 | <0.5 | 1.5 | <0.5 | <0.5 | <0.5 | |
| | 10/30/01 | 870 | 250 | 27.6 | 167 | 8,960 | -- | <0.5 | 1.0 | <0.5 | <0.5 | <0.5 | |
| | 01/29/02 | 197 | 4.90 | 1.70 | 3.60 | 640 | 500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/29/02 | 318 | 34.4 | 15.4 | 18.4 | 1,070 | 400 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |

# Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/26/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | <250 | <0.5 | <0 5 | <0.5 | <0.5 | <0 5 | |
| | 08/03/00 | 1.4 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/26/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/30/01 | 1.12 | 0.56 | <0.5 | <0.5 | <200 | <500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/28/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/29/02 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/22/02 | 1.38 | 14.6 | 2.44 | 16.4 | 220 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | 92.0 | Chloromethane detected at 1.3 µg/L. Chloroform detected at 4.7 µg/L. |
| | 11/15/02 | <0.50 | <0.50 | <0.50 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform detected at 2.6 µg/L |
| | 05/06/03 | <0.50 | <0.50 | <0.50 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | **10/14/03** | **<0.50** | **<0.50** | **<0.50** | **<1.0** | **<200** | **<250** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | **<0.5** | Chloroform detected at 0.7 µg/L. |
| 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 | -- | |
| | 02/08/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/26/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | <250 | <0.5 | 0.7 | <0.5 | <0.5 | <0.5 | |
| | 08/03/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 340 | <0.5 | 0.9 | <0.5 | <0.5 | <2.5 | |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/26/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 07/30/01 | <0.5 | 1.43 | <0.5 | 1.63 | <200 | <250 | <0.5 | 1.6 | <0.5 | <0.5 | <0.5 | Dichlorodifluoromethane detected at 2.8 µg/L. |
| | 10/29/01 | <0.5 | <0.5 | <1.0 | <0.5 | <200 | <500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 01/28/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | 1.9 | <0.5 | <0.5 | <0.5 | Dichlorodifluoromethane detected at 3.8 µg/L |
| | 04/29/02 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | 2.5 | <0.5 | <0.5 | 0.86 | Dichlorodifluoromethane detected at 3.6 µg/L. |
| | 10/10/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform detected at 0.6 µg/L |
| | 11/15/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroform detected at 0.5 µg/L |
| | 05/06/03 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <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 | -- | |
| | 02/10/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 640 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/27/00 | <0.5 | <0.5 | <0.5 | <0.5 | <100 | 250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 08/03/00 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | 680 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/23/00 | 1.30 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chlorobenzene detected at 0 9 µg/L. |
| | 01/31/01 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/26/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | 390 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1,2-Dichlorobenzene detected at 0.5 µg/L. |
| | 07/30/01 | <0.5 | <0.5 | <0.5 | <0.5 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Dichlorodifluoromethane detected at 0.5 µg/L. |
| | 10/30/01 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <500 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloromethane detected at 0.8 µg/L. |
| | 01/29/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 04/29/02 | <0.5 | <0.5 | <0.5 | <1.0 | <200 | <250 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |

## Table 2
## Concentrations of Organic Compounds in Groundwater Samples
## Former Nestle Beverage Division Facility
## Oakland, California, 1993-2003

| Well Number | Date Sampled | Benzene µg/L | Toluene µg/L | Ethyl-Benzene µg/L | Xylenes µg/L | TPH-G µg/L | TPH-D µg/L | 1,1-DCA µg/L | 1,2-DCA µg/L | 1,1,1-TCA µg/L | TCE µg/L | MTBE µg/L | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | -- | |
| | 02/10/00 | 40,000 | 48 | 1,900 | 52 | 44,000 | 21,000 | <0.5 | 1.0 | <0.5 | <0.5 | 14.0 | |
| | 04/28/00 | 25,000 | 540 | 2,000 | 710 | 36,000 | 12,500 | <5.0 | <5.0 | <5.0 | <5.0 | <5.0 | |
| | 08/04/00 | 25,000 | 220 | 1,900 | 920 | 45,000 | 32,500 | <0.5 | 0.6 | <0.5 | <0.5 | <0.5 | |
| | 10/24/00 | 24,000 | 100 | 1,500 | 390 | 50,000 | 50,000 | <0.5 | <0.5 | <0.5 | <0.5 | <5.0 | |
| | 01/31/01 | 23,000 | 84 | 1,900 | 200 | 52,000 | 112,000 | <0.5 | 0.9 | <0.5 | <0 5 | <0.5 | |
| | 04/26/01 | 23,900 | 113 | 1,990 | 590 | 298,000 | 143,000 | <0.5 | <0.5 | <0.5 | <0.5 | <25 | |
| | 07/30/01 | 30,200 | 384 | 2,000 | 966 | 66,500 | 19,100 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| | 10/30/01 | 41,200 | 273 | 1,470 | 215 | 54,300 | 120,000 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | |
| | 01/28/02 | 24,500 | 228 | 1,670 | 352 | 112,000 | 6,900 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | Chloroethane detected at 0.6 µg/L |
| | 04/29/02 | 25,900 | 280 | 1,380 | 491 | 71,600 | 9,400 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | |
| 241 | 04/07/99 | <0.5 | <0.5 | <0.5 | <0.5 | <50 | <250 | -- | -- | -- | -- | <0.5 | |
| 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:

Not detected.
Not analyzed or not sampled.
Micrograms per liter.
Total Petroleum Hydrocarbons as gasoline.
Total Petroleum Hydrocarbons as diesel.
1,1-Dichloroethane.
1,2-Dichloroethane.
1,1-Dichloroethene.
1,1,1-Trichloroethane
cis 1,2-Dichloroethylene.
Trichloroethene.
Methyl tertiary butyl ether.

1)10/22/02 Data was confirmed anomalous by resampling on 11/15/02.

## APPENDICES

Appendix A: ECM's Monitoring Well Data Form
Appendix B: Nestlé Laboratory Analytical Reports and Chain-of-Custody Documentation
Appendix C: Mann-Kendall Trend Analyses (BTEX Compounds)
Appendix D: Mann-Kendall Trend Analyses (TPHg & TPHd)
Appendix E: Mann-Kendall Trend Analyses (VOCs)

# APPENDIX A

ECM's Monitoring Well Data Form

ENVIRONMENTAL COST MANAGEMENT

www.ecm-sfmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/13/03 |

| WELL CC-1 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 14:41 | 0.5 | 24.7 | 403 | 6.9 | +190 | Tan, Sandy | |
| 14:43 | 1 | 24.5 | 388 | 6.9 | +192 | Brown, no odor, DRY @ 1.2 gal. | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 12.25 |
| DTW= | 8.58 |
| WC= | 3.66 |
| Dia.= | 2" |
| Purge Volume | 2 gallons |

Sampling

| Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 12:49 | NA | NA | NA | NA | Dry |

ENVIRONMENTAL COST MANAGEMENT

www ecostmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/13/03 |

| WELL MW-25 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 15:32 | 5 | 21 | 1291 | 6.6 | +238 | | Clear, no odor |
| 15:37 | 10 | 20.7 | 1275 | 6.6 | +252 | | " |
| 15:41 | 15 | 20.5 | 1279 | 6.6 | +251 | | " |
| 15:45 | 20 | 19.7 | 1286 | 6.7 | +227 | | " |
| 15:49 | 25 | 20 | 1276 | 6.7 | +227 | | " |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 19.62 |
| DTW= | 7.74 |
| WC= | 11.88 |
| Dia.= | 4" |
| Purge Volume | 23 gallons |

| Sampling Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 14:31 | 20.5 | 1022 | 6.7 | +210 | 7.93 |

**ENVIRONMENTAL COST MANAGEMENT**

www.ecostmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/13/03 |

| WELL MW-26 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 16:01 | 5 | 19.7 | 1035 | 6.7 | +161 | Clear, sour odor | |
| 16:05 | 10 | 19.7 | 992 | 6.6 | +85 | " | |
| 16:09 | 15 | 19.6 | 984 | 6.6 | +81 | " | |
| 16:14 | 20 | 19.4 | 952 | 6.5 | +103 | " | |
| 16:20 | 25 | 19.4 | 873 | 6.6 | +110 | " | |
| 16:25 | 30 | 19.4 | 884 | 6.5 | +109 | " | |
| 16:30 | 35 | 19.2 | 906 | 6.5 | +117 | " | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 25.00 |
| DTW= | 7.42 |
| WC= | 17.58 |
| Dia.= | 4" |
| Purge Volume | 34 gallons |

Sampling

| Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 14:43 | 20.1 | 854 | 6.7 | +217 | 7.58 |

ENVIRONMENTAL COST MANAGEMENT

www.ecostmanage com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/13/03 |

| WELL MW-27 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 16:43 | 5 | 19.8 | 531 | 6.9 | +207 | Clear, no odor | |
| 16:48 | 10 | 20.3 | 542 | 6.8 | +230 | " | |
| 16:52 | 15 | 20.2 | 532 | 6.8 | +239 | " | |
| 16:57 | 20 | 20.3 | 531 | 6.7 | +245 | " | |
| 17:03 | 25 | 19.8 | 500 | 6.7 | +248 | " | |
| 17:07 | 30 | 19.8 | 529 | 6.7 | +256 | " | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 23.60 |
| DTW= | 8.80 |
| WC= | 14.80 |
| Dia.= | 4" |
| Purge Volume | 29 |

| Sampling Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 13:04 | 24 | 624 | 7.1 | +186 | 9.12 |

ENVIRONMENTAL COST MANAGEMENT

www ecostmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/13/03 |

| WELL MW-28 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 13:58 | 5 | 25.4 | 1620 | 6.8 | +180 | Clear, sour odor | |
| 14:05 | 10 | 24 | 1015 | 6.7 | +182 | " | |
| 14:11 | 15 | 23.4 | 903 | 6.7 | +198 | " | |
| | 20 | 23 | 889 | 6.7 | +200 | " | |
| 14:18 | 25 | 22.8 | 956 | 6.7 | +201 | " | |
| 14:24 | 30 | 22.8 | 904 | 6.6 | +201 | " | |
| 14:29 | 35 | 23 | 944 | 6.6 | +210 | " | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 25.18 |
| DTW= | 8.06 |
| WC= | 17.12 |
| Dia.= | 4" |
| Purge Volume | 33 gallons |

Sampling

| Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 14:02 | 22.1 | 809 | 6.6 | +174 | 8.46 |

ENVIRONMENTAL COST MANAGEMENT

www.ecomanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/13/03 |

| WELL MW-29 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 14:57 | 5 | 21.7 | 1068 | 6.6 | +207 | Clear, no odor | |
| 15:03 | 10 | 21.9 | 1074 | 6.7 | +217 | " | |
| | 15 | 22 | 1090 | 6.7 | +226 | " | |
| 15:12 | 20 | 22 | 1087 | 6.6 | +225 | " | |
| 15:17 | 25 | 21.7 | 1081 | 6.6 | +236 | " | |
| 15:21 | 30 | 21.8 | 1082 | 6.6 | +238 | " | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 23.05 |
| DTW= | 7.51 |
| WC= | 15.54 |
| Dia.= | 4" |
| Purge Volume | 30 gallons |

Sampling

| Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 14:19 | 22.7 | 1030 | 6.7 | +189 | 8.01 |

ENVIRONMENTAL COST MANAGEMENT

www ecostmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/14/03 |

| WELL MW-30 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 9:58 | 5 | 17.5 | 585 | 6.8 | +203 | Clear no odor | |
| 10:02 | 10 | 17.4 | 461 | 6.7 | +227 | " | |
| 10:07 | 15 | 17.3 | 571 | 6.6 | +239 | " | |
| 10:12 | 20 | 17.2 | 445 | 6.6 | +246 | " | |
| 10:16 | 25 | 17.2 | 617 | 6.6 | +256 | " | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 20.80 |
| DTW= | 9.43 |
| WC= | 11.37 |
| Dia.= | 4" |
| Purge Volume | 22 gallons |

| Sampling Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 13:19 | 19.7 | 592 | 6.7 | +189 | 9.60 |

ENVIRONMENTAL COST MANAGEMENT

www.ecostmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/14/03 |

| WELL MW-32 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 10:55 | 5 | 22 | 664 | 6.6 | +62 | Clear, slight HC odor | |
| 11:00 | 10 | 23.6 | 607 | 6.5 | +23 | " | |
| 11:04 | 15 | 23.6 | 689 | 6.5 | +21 | " | |
| 11:08 | 20 | 22.8 | 477 | 6.5 | +33 | " | |
| 11:12 | 25 | 23.1 | 686 | 6.5 | +37 | " | |
| 11:16 | 30 | 23.8 | 415 | 6.6 | +46 | " | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 25.00 |
| DTW= | 9.24 |
| WC= | 15.76 |
| Dia.= | 4" |
| Purge Volume | 30 gallons |

| Sampling Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 14:56 | 22.1 | 546 | 6.7 | +135 | 9.18 |

ENVIRONMENTAL COST MANAGEMENT

www ecostmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/14/03 |

| WELL PR-76 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 10:30 | 1 | 18 | 586 | 7.1 | +14 | Black, Bio odor | |
| 10:31 | 2 | 18.5 | 433 | 7 | +14 | Clear, sl HC odor | |
| 10:32 | 3 | 18.5 | 371 | 7.1 | -5 | " | |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 15.00 |
| DTW= | 9.21 |
| WC= | 5.79 |
| Dia.= | 2" |
| Purge Volume | 3 gallons |

Sampling

| Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 13:47 | 20.1 | 627 | 7 | +156 | 9.26 |

ENVIRONMENTAL COST MANAGEMENT

www.ecostmanage.com

| | |
|---|---|
| Client | Nestle - Oakland |
| Date | Chris McCormack |
| Date | 10/14/03 |

| WELL MW-100 TIME | Gallons | Temp. C | Conductivity us/cm | pH | ORP mv | Color Odor | Comments |
|---|---|---|---|---|---|---|---|
| 10:40 | 1 | 20.6 | 824 | 6.5 | +138 | | Clear, no odor |
| 10:41 | 2 | 22.7 | 845 | 6.4 | +144 | | " |
| 10:42 | 3 | 22.5 | 850 | 6.4 | +165 | | " |
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PUMP TYPE: Peristaltic

| | |
|---|---|
| DTB= | 15.15 |
| DTW= | 9.57 |
| WC= | 5.58 |
| Dia.= | 2" |
| Purge Volume | 3 gallons |

| Sampling Date | Time | Temp | Conductivity | pH | ORP | DTW after sampling |
|---|---|---|---|---|---|---|
| 10/14/2003 | 13:34 | 21.7 | 830 | 6.7 | +204 | 9.89 |

# APPENDIX B

Nestlé Laboratory Analytical Reports and Chain of Custody Documentation

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

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837950
Lab#: 3OCT7233-001

Sample Description: Water-Oakland
Sample ID: CC-1
10-14-03/12:49
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| Methyl t-butyl ether | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroform | 0.7 | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

Nestlé USA

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# Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837950
Lab#: 3OCT7233-001

Sample Description: Water-Oakland
Sample ID: CC-1
10-14-03/12:49
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

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

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837960
Lab#: 3OCT7233-002

Sample Description: Water-Oakland
Sample ID: MW-27
10-14-03/13:04
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| Methyl t-butyl ether | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

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# Laboratory Report

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Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837960
Lab#: 3OCT7233-002

Sample Description: Water-Oakland
Sample ID: MW-27
10-14-03/13:04
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

John Heuser
Chemist

Nestlé USA

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QUALITY ASSURANCE LABORATORY

# Laboratory Report

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Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837961
Lab#: 3OCT7233-003

Sample Description: Water-Oakland
Sample ID: MW-30
10-14-03/13:19
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| Methyl t-butyl ether | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

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# Laboratory Report

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Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837961
Lab#: 3OCT7233-003

Sample Description: Water-Oakland
Sample ID: MW-30
10-14-03/13:19
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

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

Date Sampled: 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837962
Lab#: 3OCT7233-004

Sample Description: Water-Oakland
Sample ID: MW-100
10-14-03/13:34
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| Methyl t-butyl ether | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

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# Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837962
Lab#: 3OCT7233-004

Sample Description: Water-Oakland
Sample ID: MW-100
10-14-03/13:34
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

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

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837963
Lab#: 3OCT7233-005

Sample Description: Water-Oakland
Sample ID: PR-76
10-14/03/13:47
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| Methyl t-butyl ether | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

Nestlé USA

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800 North Brand Boulevard
Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837963
Lab#: 3OCT7233-005

Sample Description: Water-Oakland
Sample ID: PR-76
10-14/03/13:47
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

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

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837964
Lab#: 3OCT7233-006

Sample Description: Water-Oakland
Sample ID: MW-28
10-14-03/14:02
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| Methyl t-butyl ether | 6.44 | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichloroethane | 38 | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |

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Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837964
Lab#: 3OCT7233-006

Sample Description: Water-Oakland
Sample ID: MW-28
10-14-03/14:02
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

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Chemist

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QUALITY ASSURANCE LABORATORY

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Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837965
Lab#: 3OCT7233-007

Sample Description: Water-Oakland
Sample ID: MW-29
10-14-03/14:19
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| Methyl t-butyl ether | 11.9 | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chloromethane | 0.9 | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1-Dichloroethene | 19 | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1-Dichloroethane | 110 | µg/L | 5.0 | EPA 8021 | 10/18/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichloroethane | 22 | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |

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Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837965
Lab#: 3OCT7233-007

Sample Description: Water-Oakland
Sample ID: MW-29
10-14-03/14:19
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

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QUALITY ASSURANCE LABORATORY

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Glendale, CA 91203

Date Sampled: 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837966
Lab#: 3OCT7233-008

Sample Description: Water-Oakland
Sample ID: MW-25
10-14-03/14:31
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| Methyl t-butyl ether | 6.27 | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethane | 7.6 | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloroethane | 27 | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

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# Laboratory Report

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Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837966
Lab#: 3OCT7233-008

Sample Description: Water-Oakland
Sample ID: MW-25
10-14-03/14:31
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

John Heuser
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800 North Brand Boulevard
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Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837967
Lab#: 3OCT7233-009

Sample Description: Water-Oakland
Sample ID: MW-26
10-14-03/14:43
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | 50.6 | µg/L | 5.00 | EPA 8020 | 10/21/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Ethylbenzene | 1.38 | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/21/2003 |
| Methyl t-butyl ether | 23.8 | µg/L | 0.50 | EPA 8020 | 10/21/2003 |
| Gasoline Range Organics | 0.31 | mg/L | 0.20 | CA-Luft | 10/17/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1-Dichloroethene | 3.3 | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1-Dichloroethane | 83 | µg/L | 5.0 | EPA 8021 | 10/21/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichloroethane | 28 | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |

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# Laboratory Report

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800 North Brand Boulevard
Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837967
Lab#: 3OCT7233-009

Sample Description: Water-Oakland
Sample ID: MW-26
10-14-03/14:43
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/21/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

John Heuser
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QUALITY ASSURANCE LABORATORY

# Laboratory Report

Binayak Acharya
Nestlé USA - Environmental Group
800 North Brand Boulevard
Glendale, CA 91203

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837968
Lab#: 3OCT7233-010

Sample Description: Water-Oakland
Sample ID: MW-32
10-14-03/14:56
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Benzene | 6.02 | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Toluene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Ethylbenzene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| m&p Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| o-Xylene | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Total Xylenes | ND | µg/L | 1.00 | EPA 8020 | 10/17/2003 |
| Methyl t-butyl ether | ND | µg/L | 0.50 | EPA 8020 | 10/17/2003 |
| Gasoline Range Organics | ND | mg/L | 0.20 | CA-Luft | 10/16/2003 |
| Diesel Range Organics | ND | mg/L | 0.25 | CA-Luft | 10/24/2003 |
| Dichlorodifluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Vinyl Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromomethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichlorofluoromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Methylene Chloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| cis 1,2-Dichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1-Dichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chloroform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,1-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Carbon Tetrachloride | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloroethane | 3.2 | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Trichloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichloropropane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromodichloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| c 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| t 1,3-Dichloropropene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2-Trichloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

Nestlé USA

P.O. BOX 1516
6625 EITERMAN ROAD
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

Date Sampled 10/14/2003
Date Received: 10/15/2003
Date Reported: 10/27/2003
Report Number: 837968
Lab#: 3OCT7233-010

Sample Description: Water-Oakland
Sample ID: MW-32
10-14-03/14:56
PO/Ref/Disp#: Not Specified

| Test | Result | Units | DetLim | Method | Analysis Date |
|---|---|---|---|---|---|
| Tetrachloroethene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Dibromochloromethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Bromoform | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,1,2,2-Tetrachloroethane | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,3-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,4-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| 1,2-Dichlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |
| Chlorobenzene | ND | µg/L | 0.5 | EPA 8021 | 10/17/2003 |

ND : Not Detected.

Unless you request otherwise, this sample will be discarded 30 days from from the date of this report.
Sample condition upon receipt: Good.



Results relate only to the items tested.

State certificate numbers: CA: 1254
NJ: OH762

John Heuser
Chemist

# NQAL ENVIRONMENTAL CHAIN OF CUSTODY FORM

Nestlé USA Quality Assurance Laboratory - Confidential
6625 Eiterman Road, Dublin, OH 43017

UPDATED COC RK 10/15/03

| Client Information - Billing | | Facility Information - If different from Client | |
|---|---|---|---|
| Company Name | Environmental Cost Management | Company Name | Nestle |
| Address | 660 Baker St. #253 | Address | 1310 14th Street |
| | Costa Mesa, CA 92626 | | Oakland, CA |
| Submitter | Chris McCormack | Submitter | Chris McCormack |
| Phone # | (714) 662-2759 | Phone # | (925) 584-2416 |
| Fax # | (714) 662-2758 | Fax # | (925) 778-8833 |
| **Send Reports To** | Binayak Acharya | PROJECT: | Former Nestle Facility OAKLAND, CA |

| | | Preservation (water only) | | | | HCl | HCl | HCl | HCl | None | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30C17223 NQAL # | Sample ID | Matrix (s=soil, w=water) | # of Containers | Date/Time of Sampling | | 8021 B | TPH-Gas | MTBE | BTEX | TPH-Diesel | See attached sheet for testing RK 10/15/03 | | | | Remarks/Requests |
| -001 | CC-1 | W | 5 | 10-14-03/12:49 | | X | X | X | X | X | | | | | only 1 partial liter. |
| -002 | MW-27 | W | 6 | 10-14-03/13:04 | | X | X | X | X | X | | | | | |
| -003 | MW-30 | W | 6 | 10-14-03/13:19 | | X | X | X | X | X | | | | | |
| -004 | MW-100 | W | 6 | 10-14-03/13:34 | | X | X | X | X | X | | | | | |
| -005 | PR-76 | W | 6 | 10-14-03/13:47 | | X | X | X | X | X | | | | | |
| -006 | MW-28 | W | 6 | 10-14-03/14:02 | | X | X | X | X | X | | | | | |
| -007 | MW-29 | W | 6 | 10-14-03/14:19 | | X | X | X | X | X | | | | | |
| -008 | MW-25 | W | 6 | 10-14-03/14:31 | | X | X | X | X | X | | | | | |
| -009 | MW-26 | W | 6 | 10-14-03/14:43 | | X | X | X | X | X | | | | | |
| -010 -101 10/15/03 RK | MW-32 | W | 6 | 10-14-03/14:56 | | X | X | X | X | X | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Relinquished by: Chris McCormack | Date/Time: 10-14-03/17:00 | Accepted by: FedEx | Date/Time: 10-14-03/17:00 | Temperature: | |
| Relinquished by: FedEx | Date/Time: | Accepted by: | Date/Time: | Broken Bottles: | |
| Remarks: Only 1 liter for well CC-1. | | Turnaround time information: | Urgent (10 working days or less) | | |
| | | | Routine (11 working days and up) | X | |

n:\Frank\COC NEW.XLS

JH 10-15-03
15 day Routine

# NQAL ENVIRONMENTAL CHAIN OF CUSTODY FORM

Nestlé USA Quality Assurance Laboratory - Confidential
6625 Eiterman Road, Dublin, OH 43017

0.7°C

See updated COC JH 10-15-03

RECEIVED OCT 15 2003

OCT 15 2003 BY

**Client Information - Billing**

Company Name: Environmental Cost Management
Address: 660 Baker St. #253
Costa Mesa, CA 92626
Submitter: Chris McCormack
Phone #: (714) 662-2759
Fax #: (714) 662-2758
Send Reports To: Binayak Acharya

**Facility Information - If different from Client**

Company Name: Nestle
Address: 1310 14th Street
OAKLAND, CA
Submitter: Chris McCormack
Phone #: (925) 584-2416
Fax #: (925) 778-8833
PROJECT: Former Nestle Facility
OAKLAND, CA

| | | Preservation (water only) | | | | NONE | HCl | HCl | HCl | HCl | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NQAL # | Sample ID | Matrix (s=soil, w=water) | # of Containers | Date/Time of Sampling | | TPH-Diesel | BTEX | MTBE | TPH-Gas | 8021 B | | | | | Remarks/Requests |
| | CC-1 | W | 6 | 10/ 12:49 | | X | X | X | X | X | | | | | |
| | MW-27 | W | 6 | 14/ 13:04 | | X | X | X | X | X | | | | | |
| | MW-30 | W | 6 | 13:19 | | X | X | X | X | X | | | | | |
| | MW-100 | W | 6 | 03 13:34 | | X | X | X | X | X | | | | | |
| | PR-7B | W | 6 | 13:47 | | X | X | X | X | X | | | | | |
| | MW-28 | W | 6 | 14:02 | | X | X | X | X | X | | | | | |
| | MW-29 | W | 6 | 14:19 | | X | X | X | X | X | | | | | |
| | MW-25 | W | 6 | 14:31 | | X | X | X | X | X | | | | | |
| | MW-32 | W | 6 | 14:56 | | X | X | X | X | X | | | | | |
| | MW-26 | W | 6 | ↓ 14:43 | | X | X | X | X | X | | | | | |

| | | | |
|---|---|---|---|
| Relinquished by: Chris McCormack | Date/Time: 10/14/03 ~4PM | Accepted by: Kami Kamhawi Fed Ex | Date/Time: 10/15/03 11:45am 10/14/03 ~4PM |
| Relinquished by: Fed EX | Date/Time: | Accepted by: | Date/Time: |

Temperature: 0.7°C

Broken Bottles:

Remarks:

Turnaround time information: Urgent (10 working days or less)
Routine (11 working days and up) X

# APPENDIX C

Mann-Kendall Trend Analyses (BTEX Compounds)

**Mann-Kendall Statistical Test**
**Monitoring Well MW-25**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| **Site Name : Nestle USA, Inc. (Oakland)** | | | | **Well Number = MW-25** | |
|---|---|---|---|---|---|
| | Compound -> | Benzene Concentration (leave blank if no data) | Toluene Concentration (leave blank if no data) | Ethylene Concentration (leave blank if no data) | Xylene Concentration (leave blank if no data) |
| Event Number | Sampling Date (most recent last) | | | | |
| 1 | 3-Jun-94 | 2.40 | 14.00 | 0.25 | 3.40 |
| 2 | 9-Jun-95 | 0.80 | 0.25 | 0.25 | 0.25 |
| 3 | 29-Aug-96 | 0.25 | 0.25 | 0.25 | 0.25 |
| 4 | 7-Jul-97 | 0.25 | 0.25 | 0.25 | 0.25 |
| 5 | 22-Jul-98 | 0.25 | 0.25 | 0.25 | 0.25 |
| 6 | 23-Jul-99 | 1.80 | 0.25 | 0.25 | 0.25 |
| 7 | 3-Aug-00 | 0.25 | 0.25 | 0.25 | 0.25 |
| 8 | 30-Jul-01 | 0.25 | 0.25 | 0.25 | 0.25 |
| 9 | 29-Apr-02 | 0.25 | 0.25 | 0.25 | 0.25 |
| 10 | 6-May-03 | 0.25 | 0.25 | 0.25 | 0.25 |
| | Mann Kendall Statistic (S) = | -16.0 | -9.0 | 0.0 | -9.0 |
| | Number of Rounds (n) = | 10 | 10 | 10 | 10 |
| | Average = | 0.68 | 1.63 | 0.25 | 0.57 |
| | Standard Deviation = | 0.783 | 4.348 | 0.000 | 0.996 |
| | Coefficient of Variation(CV)= | 1.160 | 2.676 | 0.000 | 1.763 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | **DECREASING** | No Trend | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | **DECREASING** | No Trend | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | NA | CV > 1 NON-STABLE | **CV <= 1 STABLE** | CV > 1 NON-STABLE |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Statistical Test**
**Monitoring Well MW-26**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| **Site Name : Nestle USA, Inc. (Oakland)** | | | | **Well Number = MW-26** | |
|---|---|---|---|---|---|
| | Compound -> | Benzene Concentration (leave blank if no data) | Toluene Concentration (leave blank if no data) | Ethylene Concentration (leave blank if no data) | Xylene Concentration (leave blank if no data) |
| Event Number | Sampling Date (most recent last) | | | | |
| 1 | 3-Jun-94 | 4,100.00 | 300.00 | 120.00 | 230.00 |
| 2 | 9-Jun-95 | 14,000.00 | 64.00 | 31.00 | 230.00 |
| 3 | 21-Jun-96 | 14,000.00 | 27.00 | 16.00 | 66.00 |
| 4 | 15-Apr-97 | 16,000.00 | 33.00 | 40.00 | 160.00 |
| 5 | 22-Apr-98 | 5,000.00 | 4.30 | 9.20 | 16.00 |
| 6 | 7-Apr-99 | 0.25 | 0.25 | 0.25 | 0.25 |
| 7 | 26-Apr-00 | 0.70 | 0.25 | 0.60 | 0.25 |
| 8 | 26-Apr-01 | 10.60 | 0.25 | 0.70 | 1.04 |
| 9 | 29-Apr-02 | 394.00 | 0.25 | 0.25 | 0.50 |
| 10 | 6-May-03 | 1,250.00 | 0.25 | 2.42 | 0.50 |
| | Mann Kendall Statistic (S) = | -12.0 | -33.0 | -26.0 | -28.0 |
| | Number of Rounds (n) = | 10 | 10 | 10 | 10 |
| | Average = | 5475.56 | 42.96 | 22.04 | 70.45 |
| | Standard Deviation = | 6597.229 | 92.785 | 37.193 | 97.966 |
| | Coefficient of Variation(CV)= | 1.205 | 2.160 | 1.687 | 1.390 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | DECREASING | DECREASING | DECREASING | DECREASING |
| Trend ≥ 90% Confidence Level | | No Trend | DECREASING | DECREASING | DECREASING |
| Stability Test, If No Trend Exists at 80% Confidence Level | | NA | NA | NA | NA |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Statistical Test**
**Monitoring Well MW-28**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| Site Name: Nestle USA, Inc. (Oakland) | | | | Well Number = MW-28 | |
|---|---|---|---|---|---|
| Compound -> | Benzene Concentration (leave blank if no data) | Toluene Concentration (leave blank if no data) | Ethylene Concentration (leave blank if no data) | Xylene Concentration (leave blank if no data) |
| Event Number | Sampling Date (most recent last) | | | | |
| 1 | 3-Jun-94 | 3.10 | 0.25 | 0.25 | 0.25 |
| 2 | 9-Jun-95 | 0.25 | 0.25 | 0.25 | 0.25 |
| 3 | 21-Jun-96 | 0.25 | 0.25 | 0.25 | 0.25 |
| 4 | 15-Apr-97 | 0.25 | 0.25 | 0.25 | 0.25 |
| 5 | 22-Apr-98 | 0.25 | 0.25 | 0.25 | 0.25 |
| 6 | 7-Apr-99 | 0.25 | 0.25 | 0.25 | 0.25 |
| 7 | 26-Apr-00 | 0.25 | 0.25 | 0.25 | 0.25 |
| 8 | 26-Apr-01 | 0.25 | 0.25 | 0.25 | 0.25 |
| 9 | 29-Apr-02 | 1.64 | 0.25 | 0.25 | 0.50 |
| 10 | 6-May-03 | 3.10 | 0.25 | 0.25 | 0.50 |
| | Mann Kendall Statistic (S) = | 7.0 | 0.0 | 0.0 | 16.0 |
| | Number of Rounds (n) = | 10 | 10 | 10 | 10 |
| | Average = | 0.96 | 0.25 | 0.25 | 0.30 |
| | Standard Deviation = | 1.209 | 0.000 | 0.000 | 0.105 |
| | Coefficient of Variation(CV)= | 1.260 | 0.000 | 0.000 | 0.351 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | No Trend | No Trend | No Trend | INCREASING |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend | No Trend | INCREASING |
| Stability Test, If No Trend Exists at 80% Confidence Level | | CV > 1 NON-STABLE | CV <= 1 STABLE | CV <= 1 STABLE | NA |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Statistical Test**
**Monitoring Well MW-32**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| **Site Name : Nestle USA, Inc. (Oakland)** | | | | **Well Number = MW-32** | |
|---|---|---|---|---|---|
| | Compound -> | Benzene Concentration (leave blank if no data) | Toluene Concentration (leave blank if no data) | Ethylene Concentration (leave blank if no data) | Xylene Concentration (leave blank if no data) |
| Event Number | Sampling Date (most recent last) | | | | |
| 1 | 3-Jun-94 | 120.00 | 1.30 | 0.25 | 1.40 |
| 2 | 13-Mar-95 | 220.00 | 3.60 | 6.50 | 5.80 |
| 3 | 12-Mar-96 | 40.00 | 0.25 | 1.70 | 0.25 |
| 4 | 7-Jul-97 | 370.00 | 11.00 | 110.00 | 21.00 |
| 5 | 22-Jul-98 | 700.00 | 55.00 | 88.00 | 66.00 |
| 6 | 22-Jul-99 | 59.00 | 0.80 | 1.80 | 0.25 |
| 7 | 27-Apr-00 | 240.00 | 7.00 | 12.00 | 18.80 |
| 8 | 26-Apr-01 | 268.00 | 13.00 | 22.10 | 22.00 |
| 9 | 29-Apr-02 | 188.00 | 5.52 | 9.70 | 13.00 |
| 10 | 6-May-03 | 20.72 | 0.76 | 0.86 | 2.08 |
| | Mann Kendall Statistic (S) = | -3.0 | 3.0 | 3.0 | 6.0 |
| | Number of Rounds (n) = | 10 | 10 | 10 | 10 |
| | Average = | 222.57 | 9.82 | 25.29 | 15.06 |
| | Standard Deviation = | 201.272 | 16.484 | 39.754 | 19.933 |
| | Coefficient of Variation(CV)= | 0.904 | 1.678 | 1.572 | 1.324 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | No Trend | No Trend | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | **CV <= 1 STABLE** | CV > 1 NON-STABLE | CV > 1 NON-STABLE | CV > 1 NON-STABLE |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Statistical Test**
**Monitoring Well MW-100**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

## Mann-Kendall Statistical Test

| Site Name: Nestle USA, Inc. (Oakland) | | | | Well Number = MW-100 | |
|---|---|---|---|---|---|
| | Compound -> | Benzene Concentration (leave blank if no data) | Toluene Concentration (leave blank if no data) | Ethylene Concentration (leave blank if no data) | Xylene Concentration (leave blank if no data) |
| Event Number | Sampling Date (most recent last) | | | | |
| 1 | 6-Jul-01 | 0.25 | 0.25 | 0.25 | 0.25 |
| 2 | 30-Jul-01 | 0.25 | 0.25 | 0.25 | 0.25 |
| 3 | 30-Oct-01 | 0.25 | 0.25 | 0.25 | 0.50 |
| 4 | 28-Jan-02 | 0.25 | 0.25 | 0.25 | 0.50 |
| 5 | 29-Apr-02 | 0.25 | 0.25 | 0.25 | 0.50 |
| 6 | 10-Oct-02 | 0.25 | 0.25 | 0.25 | 0.50 |
| 7 | 6-May-03 | 0.25 | 0.25 | 0.25 | 0.50 |
| 8 | 14-Oct-03 | 0.25 | 0.25 | 0.25 | 0.50 |
| 9 | | | | | |
| 10 | | | | | |
| | Mann Kendall Statistic (S) = | 0.0 | 0.0 | 0.0 | 12.0 |
| | Number of Rounds (n) = | 8 | 8 | 8 | 8 |
| | Average = | 0.25 | 0.25 | 0.25 | 0.44 |
| | Standard Deviation = | 0.000 | 0.000 | 0.000 | 0.116 |
| | Coefficient of Variation(CV)= | 0.000 | 0.000 | 0.000 | 0.265 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | No Trend | No Trend | No Trend | INCREASING |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend | No Trend | INCREASING |
| Stability Test, If No Trend Exists at 80% Confidence Level | | CV <= 1 STABLE | CV <= 1 STABLE | CV <= 1 STABLE | NA |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

# APPENDIX D

Mann-Kendall Trend Analyses (TPHg & TPHd)

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-25**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| **Site Name** | **Nestle USA, Inc. (Oakland)** | **Well Number =** | **MW-25** |
|---|---|---|---|
| | Compound -> | Gasoline Range Organics | Diesel Range Organics |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 3-Jun-94 | 97.00 | 10,000.00 |
| 2 | 9-Jun-95 | 50.00 | 60.00 |
| 3 | 12-Mar-96 | 120.00 | 25.00 |
| 4 | 7-Jul-97 | 140.00 | 75.00 |
| 5 | 22-Jul-98 | 25.00 | 125.00 |
| 6 | 7-Apr-99 | 25.00 | 125.00 |
| 7 | 26-Apr-00 | 50.00 | 125.00 |
| 8 | 26-Apr-01 | 100.00 | 125.00 |
| 9 | 29-Apr-02 | 100.00 | 125.00 |
| 10 | 6-May-03 | 100.00 | 125.00 |
| | Mann Kendall Statistic (S) = | 4.0 | 10.0 |
| | Number of Rounds (n) = | 10 | 10 |
| | Average = | 80.70 | 1091.00 |
| | Standard Deviation = | 40.186 | 3130.509 |
| | Coefficient of Variation(CV)= | 0.498 | 2.869 |
| Error Check, Blank if No Errors Detected | | | |
| Trend ≥ 80% Confidence Level | | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | **CV <= 1 STABLE** | **CV > 1 NON-STABLE** |
| | Data Entry By = Sumeet | | Date = |

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-26**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

## Mann-Kendall Statistical Test

| Site Name | Nestle USA, Inc. (Oakland) | Well Number = | MW-26 |
|---|---|---|---|
| | Compound -> | Gasoline Range Organics | Diesel Range Organics |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 3-Jun-94 | 12,000.00 | 10,000.00 |
| 2 | 9-Jun-95 | 10,800.00 | 310.00 |
| 3 | 21-Jun-96 | 5,400.00 | 25.00 |
| 4 | 15-Apr-97 | 26,000.00 | 2,200.00 |
| 5 | 22-Apr-98 | 14,000.00 | |
| 6 | 7-Apr-99 | 80.00 | 125.00 |
| 7 | 26-Apr-00 | 200.00 | 340.00 |
| 8 | 26-Apr-01 | 400.00 | 350.00 |
| 9 | 29-Apr-02 | 1,870.00 | 550.00 |
| 10 | 6-May-03 | 3,730.00 | 380.00 |
| | Mann Kendall Statistic (S) = | -13.0 | 4.0 |
| | Number of Rounds (n) = | 10 | 9 |
| | Average = | 7448.00 | 1586.67 |
| | Standard Deviation = | 8331.261 | 3220.632 |
| | Coefficient of Variation(CV)= | 1.119 | 2.030 |
| Error Check, Blank if No Errors Detected | | | |
| Trend ≥ 80% Confidence Level | | **DECREASING** | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | NA | **CV > 1 NON-STABLE** |
| | Data Entry By = Sumeet | | Date = |

# Mann-Kendall Analysis Statistical Test
# Monitoring Well MW-28
# 2003 2nd Semi Annual Report
# Nestle USA, Inc. Oakland

## Mann-Kendall Statistical Test

| Site Name Nestle USA, Inc. (Oakland) | | Well Number = | MW-28 |
|---|---|---|---|
| | Compound -> | Gasoline Range Organics | Diesel Range Organics |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 3-Jun-94 | 25.00 | 10,000.00 |
| 2 | 9-Jun-95 | 50.00 | 25.00 |
| 3 | 21-Jun-96 | 50.00 | 25.00 |
| 4 | 15-Apr-97 | 120.00 | 75.00 |
| 5 | 22-Apr-98 | 25.00 | |
| 6 | 7-Apr-99 | 25.00 | 125.00 |
| 7 | 26-Apr-00 | 50.00 | 125.00 |
| 8 | 26-Apr-01 | 100.00 | 125.00 |
| 9 | 29-Apr-02 | 100.00 | 125.00 |
| 10 | 6-May-03 | 390.00 | 125.00 |
| | Mann Kendall Statistic (S) = | 20.0 | 9.0 |
| | Number of Rounds (n) = | 10 | 9 |
| | Average = | 93.50 | 1194.44 |
| | Standard Deviation = | 109.774 | 3302.361 |
| | *Coefficient of Variation(CV)=* | 1.174 | 2.765 |
| Error Check, Blank if No Errors Detected | | | |
| Trend ≥ 80% Confidence Level | | **INCREASING** | No Trend |
| Trend ≥ 90% Confidence Level | | **INCREASING** | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | NA | **CV > 1 NON-STABLE** |
| | Data Entry By = Sumeet | | Date = |

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-32**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| **Site Name** | **Nestle USA, Inc. (Oakland)** | **Well Number =** | **MW-32** |
|---|---|---|---|
| | Compound -> | Gasoline Range Organics | Diesel Range Organics |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 3-Jun-94 | 350.00 | 10,000.00 |
| 2 | 9-Jun-95 | 2,200.00 | 180.00 |
| 3 | 12-Mar-96 | 110.00 | 25.00 |
| 4 | 7-Jul-97 | 1,600.00 | 190.00 |
| 5 | 22-Jul-98 | 2,300.00 | |
| 6 | 22-Jul-99 | 900.00 | 220.00 |
| 7 | 27-Apr-00 | 800.00 | 250.00 |
| 8 | 26-Apr-01 | 780.00 | 125.00 |
| 9 | 29-Apr-02 | 680.00 | 125.00 |
| 10 | 6-May-03 | 100.00 | 125.00 |
| | Mann Kendall Statistic (S) = | -15.0 | -9.0 |
| | Number of Rounds (n) = | 10 | 9 |
| | Average = | 982.00 | 1248.89 |
| | Standard Deviation = | 796.671 | 3282.327 |
| | Coefficient of Variation(CV)= | 0.811 | 2.628 |
| Error Check, Blank if No Errors Detected | | | |
| Trend ≥ 80% Confidence Level | | **DECREASING** | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | NA | **CV > 1 NON-STABLE** |
| | Data Entry By = Sumeet | | Date = |

# Mann-Kendall Analysis Statistical Test
# Monitoring Well MW-100
# 2003 2nd Semi Annual Report
# Nestle USA, Inc. Oakland

## Mann-Kendall Statistical Test

| Site Name Nestle USA, Inc. (Oakland) | | Well Number = | MW-100 |
|---|---|---|---|
| | Compound -> | Gasoline Range Organics | Diesel Range Organics |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 6-Jul-01 | 100.00 | 125.00 |
| 2 | 30-Jul-01 | 100.00 | 125.00 |
| 3 | 30-Oct-01 | 100.00 | 250.00 |
| 4 | 28-Jan-02 | 100.00 | 125.00 |
| 5 | 29-Apr-02 | 100.00 | 125.00 |
| 6 | 10-Oct-02 | 100.00 | 125.00 |
| 7 | 6-May-03 | 100.00 | 125.00 |
| 8 | 14-Oct-03 | 100.00 | 125.00 |
| 9 | | | |
| 10 | | | |
| | Mann Kendall Statistic (S) = | 0.0 | -3.0 |
| | Number of Rounds (n) = | 8 | 8 |
| | Average = | 100.00 | 140.63 |
| | Standard Deviation = | 0.000 | 44.194 |
| | Coefficient of Variation(CV)= | 0.000 | 0.314 |
| Error Check, Blank if No Errors Detected | | | |
| Trend ≥ 80% Confidence Level | | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | **CV <= 1 STABLE** | **CV <= 1 STABLE** |
| | Data Entry By = Sumeet | | Date = |

# APPENDIX E

Mann-Kendall Trend Analyses (VOCs)

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-25**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| Site Name Nestle USA, Inc. (Oakland) | | | | Well Number = | MW-25 |
|---|---|---|---|---|---|
| | Compound -> | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1,1-Trichloroethane | Trichloroethene |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 7-Apr-99 | 27.00 | 72.00 | 0.25 | 0.25 |
| 2 | 26-Apr-00 | 51.00 | 38.00 | 0.25 | 0.25 |
| 3 | 26-Apr-01 | 49.00 | 37.00 | 0.25 | 0.25 |
| 4 | 29-Apr-02 | 14.00 | 44.00 | 0.25 | 0.25 |
| 5 | 6-May-03 | 8.50 | 34.00 | 0.25 | 0.25 |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| | Mann Kendall Statistic (S) = | -6.0 | -6.0 | 0.0 | 0.0 |
| | Number of Rounds (n) = | 5 | 5 | 5 | 5 |
| | Average = | 29.90 | 45.00 | 0.25 | 0.25 |
| | Standard Deviation = | 19.552 | 15.524 | 0.000 | 0.000 |
| | Coefficient of Variation(CV)= | 0.654 | 0.345 | 0.000 | 0.000 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | **DECREASING** | **DECREASING** | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | NA | NA | **CV <= 1 STABLE** | **CV <= 1 STABLE** |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-26**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| Site Name Nestle USA, Inc. (Oakland) | | | | Well Number = | MW-26 |
|---|---|---|---|---|---|
| | Compound -> | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1,1-Trichloroethane | Trichloroethene |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 25-Feb-94 | 0.50 | 28.00 | 0.50 | 0.50 |
| 2 | 3-Jun-94 | 1.70 | 140.00 | 0.25 | 0.25 |
| 3 | 9-Jun-95 | 240.00 | 3.10 | 1.00 | 0.25 |
| 4 | 21-Jun-96 | 3.20 | 170.00 | 0.25 | 0.25 |
| 5 | 15-Apr-97 | 3.50 | 97.00 | 0.25 | 2.40 |
| 6 | 22-Apr-98 | 13.00 | 130.00 | 0.25 | 0.25 |
| 7 | 7-Apr-99 | 15.00 | 54.00 | 0.25 | 0.25 |
| 8 | 26-Apr-00 | 7.50 | 39.00 | 0.25 | 0.25 |
| 9 | 26-Apr-01 | 16.00 | 39.00 | 0.25 | 0.25 |
| 10 | 29-Apr-02 | 50.00 | 23.00 | 0.25 | 0.25 |
| | Mann Kendall Statistic (S) = | 27.0 | -12.0 | -13.0 | -9.0 |
| | Number of Rounds (n) = | 10 | 10 | 10 | 10 |
| | Average = | 35.04 | 72.31 | 0.35 | 0.49 |
| | Standard Deviation = | 73.450 | 57.544 | 0.242 | 0.676 |
| | Coefficient of Variation(CV)= | 2.096 | 0.796 | 0.690 | 1.379 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | INCREASING | DECREASING | DECREASING | No Trend |
| Trend ≥ 90% Confidence Level | | INCREASING | No Trend | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | NA | NA | NA | CV > 1 NON-STABLE |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-28**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| Site Name Nestle USA, Inc. (Oakland) | | | | Well Number = | MW-28 |
|---|---|---|---|---|---|
| | Compound -> | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1,1-Trichloroethane | Trichloroethene |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 15-Apr-97 | 1.10 | 150.00 | 0.25 | 0.25 |
| 2 | 22-Apr-98 | 1.00 | 89.00 | 0.25 | 0.25 |
| 3 | 7-Apr-99 | 0.25 | 62.00 | 0.25 | 0.25 |
| 4 | 26-Apr-00 | 0.25 | 50.00 | 0.25 | 0.25 |
| 5 | 26-Apr-01 | 0.25 | 26.00 | 0.25 | 0.25 |
| 6 | 29-Apr-02 | 3.70 | 44.00 | 0.25 | 0.25 |
| 7 | 6-May-03 | 0.80 | 70.00 | 0.25 | 0.25 |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| | Mann Kendall Statistic (S) = | -2.0 | -11.0 | 0.0 | 0.0 |
| | Number of Rounds (n) = | 7 | 7 | 7 | 7 |
| | Average = | 1.05 | 70.14 | 0.25 | 0.25 |
| | Standard Deviation = | 1.225 | 40.490 | 0.000 | 0.000 |
| | Coefficient of Variation(CV)= | 1.167 | 0.577 | 0.000 | 0.000 |
| Error Check, Blank If No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | No Trend | **DECREASING** | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | **DECREASING** | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | **CV > 1 NON-STABLE** | NA | **CV <= 1 STABLE** | **CV <= 1 STABLE** |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-32**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| Site Name Nestle USA, Inc. (Oakland) | | | | Well Number = | MW-32 |
|---|---|---|---|---|---|
| | Compound -> | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1,1-Trichloroethane | Trichloroethene |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 3-Jun-94 | 0.25 | 11.00 | 0.25 | 0.25 |
| 2 | 9-Jun-95 | 0.70 | 0.25 | 0.50 | 0.25 |
| 3 | 12-Mar-96 | 0.25 | 6.80 | 0.25 | 0.25 |
| 4 | 22-Jul-99 | 0.25 | 5.90 | 0.25 | 0.25 |
| 5 | 27-Apr-00 | 0.25 | 9.80 | 0.25 | 0.25 |
| 6 | 26-Apr-01 | 0.25 | 6.30 | 0.25 | 0.25 |
| 7 | 29-Apr-02 | 0.25 | 6.00 | 0.25 | 0.25 |
| 8 | 6-May-03 | 0.25 | 5.80 | 0.25 | 0.25 |
| 9 | | | | | |
| 10 | | | | | |
| | Mann Kendall Statistic (S) = | -5.0 | -8.0 | -5.0 | 0.0 |
| | Number of Rounds (n) = | 8 | 8 | 8 | 8 |
| | Average = | 0.31 | 6.48 | 0.28 | 0.25 |
| | Standard Deviation = | 0.159 | 3.194 | 0.088 | 0.000 |
| | Coefficient of Variation(CV)= | 0.520 | 0.493 | 0.314 | 0.000 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | No Trend | **DECREASING** | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | **CV <= 1 STABLE** | NA | **CV <= 1 STABLE** | **CV <= 1 STABLE** |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |

**Mann-Kendall Analysis Statistical Test**
**Monitoring Well MW-100**
**2003 2nd Semi Annual Report**
**Nestle USA, Inc. Oakland**

**Mann-Kendall Statistical Test**

| Site Name Nestle USA, Inc. (Oakland) | | | | Well Number = | MW-100 |
|---|---|---|---|---|---|
| | Compound -> | 1,1-Dichloroethane | 1,2-Dichloroethane | 1,1,1-Trichloroethane | Trichloroethene |
| Event Number | Sampling Date (most recent last) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) | Concentration (leave blank if no data) |
| 1 | 6-Jul-01 | 0.25 | 0.25 | 0.25 | 0.25 |
| 2 | 30-Jul-01 | 0.25 | 0.25 | 0.25 | 0.25 |
| 3 | 30-Oct-01 | 0.25 | 0.25 | 0.25 | 0.25 |
| 4 | 28-Jan-02 | 0.25 | 0.25 | 0.25 | 0.25 |
| 5 | 29-Apr-02 | 0.25 | 0.25 | 0.25 | 0.25 |
| 6 | 10-Oct-02 | 0.25 | 0.25 | 0.25 | 0.25 |
| 7 | 6-May-03 | 0.25 | 0.25 | 0.25 | 0.25 |
| 8 | 14-Oct-03 | 0.25 | 0.25 | 0.25 | 0.25 |
| 9 | | | | | |
| 10 | | | | | |
| | Mann Kendall Statistic (S) = | 0.0 | 0.0 | 0.0 | 0.0 |
| | Number of Rounds (n) = | 8 | 8 | 8 | 8 |
| | Average = | 0.25 | 0.25 | 0.25 | 0.25 |
| | Standard Deviation = | 0.000 | 0.000 | 0.000 | 0.000 |
| | Coefficient of Variation(CV)= | 0.000 | 0.000 | 0.000 | 0.000 |
| Error Check, Blank if No Errors Detected | | | | | |
| Trend ≥ 80% Confidence Level | | No Trend | No Trend | No Trend | No Trend |
| Trend ≥ 90% Confidence Level | | No Trend | No Trend | No Trend | No Trend |
| Stability Test, If No Trend Exists at 80% Confidence Level | | **CV <= 1 STABLE** | **CV <= 1 STABLE** | **CV <= 1 STABLE** | **CV <= 1 STABLE** |
| | Data Entry By = Sumeet | | Date = 10-Mar-04 | | Checked By = |