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RO 385

FEB 0 8 2002

OVERNIGHT DELIVERY
RETURN RECEIPT REQUESTED

January 30, 2002

Ms. Karen Baker
California Environmental Protection Agency
Department of Toxic Substances Control
Southern Permitting Branch
5796 Corporate Avenue
Cypress, CA 90630

Re: Groundwater Monitoring Report, Fourth Quarter 2001 Monitoring Event, Safety-Kleen Systems, Inc. Service Center, 400 Market Street, Oakland, California (EPA # CAD053044053)

aka 404 Market

Dear Ms. Baker:

Enclosed is the Groundwater Monitoring Report for the Safety-Kleen Systems, Inc. (S-K) Oakland branch. The monitoring event was conducted during the period October 29 through November 1, 2001.

If you have any questions regarding this report, please feel free to call me at (707) 748-7507 or Chris Walsh (Cameron-Cole) at (510) 769-3561.

Sincerely,

for Sharon Halper
Western Regional Remediation Project Manager
Safety-Kleen Systems, Inc.

Enclosures

cc: Mr. Pratap Bulsara (DTSC, Cypress)
Mr. Steve LuQuire (S-K, Sacramento)
Mr. Gary Olson, Branch Files (S-K, Oakland)
Mr. Barney Chan (Alameda County)
Ms. Loretta Barsamian (RWQCB)
Mr. Greg Hoehn (SECOR)
Mr. Chris Walsh (Cameron-Cole)

Phone 707-748-7507 P.O. Box 1471, Benicia, CA 94510 Fax 707-751-0653

CAMERON-COLE

FEB 08 2002

QUARTERLY MONITORING REPORT
FOURTH QUARTER 2001
SAFETY-KLEEN SYSTEMS, INC.,
SERVICE CENTER
400 MARKET STREET
OAKLAND, CALIFORNIA

JANUARY 2002

Prepared For:
Safety-Kleen Corporation
P.O. Box 1471
Benicia, California 94510

Prepared By:
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Approved by
Brad Wright, RG
Principal-in-Charge

STATE OF CALIFORNIA
REGISTERED GEOLOGIST

CERTIFICATION STATEMENT

Quarterly Progress Report
Safety-Kleen Systems, Inc., Service Center
Oakland, California
EPA ID No. CAD 053044053

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sharon Halper

Sharon Halper
Remediation Project Manager
Western Region
Safety-Kleen Systems, Inc.

1/28/02
Date

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1.0 INTRODUCTION

This report presents the fourth quarter 2001 groundwater monitoring results for the Safety-Kleen Service Center, located at 400 Market Street in Oakland, California (Site). The location of the Site is shown on Figure 1. A site map showing the facility and monitoring well locations is presented on Figure 2. Cameron-Cole conducted the fourth quarter 2001 monitoring event during the period October 29 through November 1, 2001. Monitoring was conducted in a manner consistent with the procedures outlined in the Revised Standardized Sampling and Analysis plan prepared by TriHydro Corporation (TriHydro, 1999).

safety-kleen.

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RO 385

October 22, 2001

Ms. Karen Baker
California Environmental Protection Agency
Department of Toxic Substances Control
Southern Permitting Branch
5796 Corporate Avenue
Cypress, CA 90630

RE: NOTIFICATION OF FOURTH QUARTER 2001 SEMI-ANNUAL SAMPLING EVENT, SAFETY-KLEEN OAKLAND SITE, 400 MARKET STREET, OAKLAND, CALIFORNIA

Dear Ms. Baker:

This letter serves as notification that Safety-Kleen Corporation will be conducting the Fourth Quarter 2001 semi-annual sampling event at the above-referenced site on October 29, 2001. In accordance with the schedule for semi-annual sampling, the following groundwater monitor wells will be sampled: MW-1, MW-2, MW-3, MW-4, MW-9 and MW-12. All wells will be sampled for TPH as mineral spirits using EPA Method 8015 and for VOCs using EPA Method 8260B. The only exception to this would be MW-9. In accordance with site protocol, no samples will be collected from MW-9 if a product layer is detected. If no product layer is detected, MW-9 will also be sampled for manganese and chloride. Prior to the sampling event, depth to water measurements will be collected from all site monitor wells.

In addition, as requested by the DTSC in a letter dated May 10, 2001, Safety-Kleen will collect two samples for analysis of 1,4-dioxane using EPA Method 8260B. For the Fourth Quarter 2001, these samples will be collected from monitor wells MW-2 and MW-9. In the event that MW-9 is not sampled, a sample will be collected from MW-4. Safety-Kleen understands that if 1,4-dioxane is detected in either of these samples, a proposal for additional testing will be prepared.

This letter also serves to notify the DTSC of a change in the groundwater monitoring consultant. Beginning in October 2001, Cameron-Cole, LLC of Alameda, California will provide both the semi-annual groundwater monitoring work and the quarterly reporting for the site. Cameron-Cole's project team includes Mr. Brad Wright, RG, CHG (Principal-in-Charge) and Mr. Chris Walsh (Project Manager). Their resumes are provided as an attachment to this letter.

If you have any questions regarding the information presented in this letter, or require additional information, please feel free to call me at (707) 748-7507 or Chris Walsh (Cameron-Cole) at (510) 337-8660, ext. 19.

Sincerely,

for Sharon Halper
Safety-Kleen Systems, Inc.

Phone 707-748-7507 P.O. Box 1471, Benicia, CA 94510 Fax 707-751-0653

2.0 GROUNDWATER MONITORING PROCEDURES

Groundwater monitoring performed during this event included measuring depth to water at 11 monitoring wells and collection of groundwater samples from 6 monitoring wells. These activities were conducted in accordance with the Site schedule for semi-annual monitoring. The procedures used to conduct these activities are described below.

2.1 Water Level Measurements

Prior to purging and sampling, depth-to-groundwater measurements were collected from all site monitor wells on October 29, 2001. Water level measurements were collected using a water level/slope indicator accurate to the 0.01-foot and were recorded on a hydrodata sheet, which is included in Appendix A. In addition, at monitoring well MW-9, an oil/water interface probe accurate to 0.01-foot was used to monitor for the presence of floating product. To prevent cross-contamination between wells, the measuring probes were washed and rinsed prior to each measurement.

2.2 Groundwater Sampling

Well purging was conducted using the low-flow (minimal drawdown) purging technique, as defined by the EPA (U.S. E.P.A, 1997). Two-inch non-dedicated electric submersible pumps were used at each well. To minimize cross-contamination between wells, historical data were referenced and the wells were sampled in order from the lowest level of contamination to the highest level of contamination. In addition, the pumps were decontaminated between each well by pumping a diluted Liquinox solution through the pump for a minimum of 5 minutes followed by a deionized water rinse. The pumps were slowly lowered into each well until the pump intake was located approximately five feet above the bottom of the well (estimated mid-point of the screened interval). Groundwater was pumped from the well to the surface through clean ½-inch diameter polyethylene tubing. Pumping rates were adjusted at each well to minimize drawdown. Physical parameters and depth to water measurements were collected at approximately two to three minute intervals. Once parameter stabilization had been established (defined below), samples were

collected directly from the discharge tubing. Purge water was contained in 55-gallon drums for temporary storage prior to disposal at the Facility.

In general, well purging continues until the turbidity is below 50 Nephelometric Turbidity Units (NTUs) and pH, temperature and EC values have stabilized to within 0.10 pH units, 1.0 degree Celsius, and 10% EC, respectively, in two consecutive parameter collections. In some cases turbidity levels of less than 50 NTUs could not be achieved and all samples were collected after all other parameters had stabilized. Sampling Event Data Sheets containing monitoring parameters are included in Appendix A.

Groundwater samples were analyzed for volatile organic compounds (VOCs) and total extractable petroleum hydrocarbons as mineral spirits using Environmental Protection Agency (EPA) Methods 8260B and 8015 Modified, respectively. In addition, samples were collected at MW-9 and analyzed for chloride and manganese using EPA Methods 300.0A and 6010B, respectively. Furthermore, at the request of the DTSC, selected wells (MW-2 and MW-9) were sampled for 1,4-dioxane using EPA Method 8270C (SIM). Groundwater samples were collected in laboratory supplied pre-cleaned sample containers. Following sample collection, all samples were labeled and placed in an ice-filled cooler for shipment under chain-of-custody documentation to Severn Trent Laboratory (STL), located in west Sacramento, California. STL is certified by the state of California to perform the analyses required for this site.

3.0 GROUNDWATER MONITORING RESULTS

3.1 Potentiometric Surface Elevations

Potentiometric surface elevations (PSEs) calculated from the depth to groundwater measurements collected during the fourth quarter 2001 are presented in Table 1. For reference, historical potentiometric surface elevation data are presented in Table 2. Review of the data indicates that PSEs decreased in all wells between May and October 2001. The average decrease was 1.13 feet. Decreased PSEs were also observed during this same period in year 2000. In addition, as indicated in Table 1, no sheen or measurable floating product was detected in monitoring well MW-9.

The October 2001 PSE data were used to generate the potentiometric surface elevation contours presented on Figure 3. The direction of groundwater flow can be inferred from these contours. As indicated, the flow direction is generally to the southwest, which is consistent with flow direction observed at the Site during the previous quarter. The hydraulic gradient across the site is approximately 0.0037 feet per foot.

3.2 Analytical Results and Evaluation

Current analytical results from monitoring wells MW-1 through MW-4, MW-9 and MW-12 are presented in Table 3. For reference, historical analytical results are presented in Table 4. Laboratory analytical data sheets and chain-of-custody records are presented in Appendix B. A map depicting the chemical distribution in groundwater at the Site is presented on Figure 4.

The fourth quarter 2001 groundwater analytical results are generally consistent with historical results, with the following exceptions:

MW-2 Trichloroethene (TCE) was detected at a concentration of 22 µg/L. This is the highest concentration of TCE detected to date at this well. TCE was also detected during the fourth quarter of 1999 and 2000.

MW-4 Cis-1,2-dichloroethene (DCE) was detected at a concentration of 19 µg/L. The highest previous concentration (17 µg/L) was detected in October 2000.

MW-9 Several compounds that have historically been detected at concentrations in excess of MCLs were not detected during the previous sampling event (May 2000). These include 1,2-dichloroethane (1,2-DCA), cis-1,2-DCE, TCE, and vinyl chloride. Concentrations of these compounds detected during the fourth quarter 2001 were consistent with historical results and indicate that the May 2001 results were anomalous.

Mineral spirits were not detected above method detection limits in any of the groundwater samples collected during the fourth quarter 2001 sampling event. An unknown hydrocarbon was detected at a concentration of 2,100 µg/L in the sample collected from MW-9. The laboratory reported this result as unknown hydrocarbon since the chromatograph pattern did not definitively match the mineral spirits chromatograph reference. Historical mineral spirit concentrations at this well have ranged 930 µg/L to 44,000 µg/L.

As part of the fourth quarter 2001 sampling event, monitoring wells MW-2 and MW-9 were sampled for analysis of 1,4-dioxane. These results are included in Tables 3 and 4. As shown, 1,4-dioxane was not detected in MW-2 but was detected in MW-9 at a concentration of 7.1 µg/L. In a May 2, 2001 meeting, S-K and DTSC agreed that selected site wells would be sampled for 1,4-dioxane. If 1,4-dioxane was detected, all site wells would be resampled for 1,4-dioxane. Although the concentration of 1,4-dioxane detected in well MW-9 was only slight higher than the MCL and 1,4-dioxane was not detected in the sample from well MW-2, S-K will sample all site wells for 1,4-dioxane during the next sampling event. Results from the next sampling event will be used to

determine whether there is an upgradient source of 1,4-dioxane and to propose a schedule for 1,4-dioxane sampling if it is detected during the confirmation sampling event.

S-K contacted the San Francisco Regional Water Quality Control Board (SFRWQCB) during the fourth quarter of 2001, regarding known sources of TCE upgradient of the Oakland site. According to the SFRWQCB no investigation of sites upgradient of the S-K Oakland facility have been conducted.

Samples collected from site monitoring well MW-9 for chloride and manganese contained concentrations at levels 31.3 milligrams per liter (mg/L) and 3.4 mg/L, respectively.

4.0 QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC)

Three types of QA/QC samples were collected during the fourth quarter 2001 monitoring event. These included a blind duplicate sample, an equipment rinse blank and two trip blank blanks. The QA/QC sample results are discussed below.

Blind Duplicate

A blind duplicate sample (MW-201) was collected from MW-4. The duplicate results are included in Tables 3 and 4. Evaluation of the consistency between the primary sample analytical results and the duplicate sample analytical results using the acceptance-rejection criteria presented in Appendix C indicated that all duplicate sample results were no greater than 50 percent different than the primary sample results.

Equipment Rinse Blank

An equipment rinse blank (RB-01) was collected at MW-4. The blank was collected to verify that field decontamination procedures were effective at preventing cross contamination between wells. The blank was collected from the pump after sampling and following pump decontamination as described in Section 2.2. Laboratory provided de-ionized water was poured over the pump and collected in the appropriate laboratory supplied sample containers. Rinse blank results are included in Table 3. As shown, no compounds were detected in the rinse blank, indicating that field decontamination procedures were effective.

Trip Blank

Trip blanks were collected on October 29, 2001 and November 1st, 2001. The analytical results (included in Appendix B) show that methylene chloride was detected in the trip blank collected on November 1, 2001 at a concentration of 5.7 µg/L. Since methylene chloride was not detected in any of the primary groundwater samples, this result is considered the result of laboratory contamination. No other compounds were detected in the trip blanks collected during the fourth quarter 2001 sampling event.

5.0 PROJECTED WORK AND RECOMMENDATIONS

- Depth to water measurements will be collected at all Site monitoring wells during the first quarter 2002.

6.0 REFERENCES

TriHydro Corporation, 1999. "Revised Standardized Sampling and Analysis Plan; Corrective Action Projects Safety-Kleen Systems, Inc.", August 19, 1999.

U.S. EPA. 1996 "EPA Ground Water Issue: Low-Flow (Minimal-Drawdown) Ground-water Sampling Procedures," April 1996 1991.

Table 1
Potentiometric Surface Elevations
Fourth Quarter 2001
Safety-Kleen (Oakland)

Well I.D.	TOC Elevation (ft msl)	DTW (ft)	DTP (ft)	PT (ft)	Adjusted Elevation (ft msl)
MW-1	7.99	6.21	-	-	1.78
MW-2	8.20	7.00	-		1.20
MW-3	6.66	5.40	-	-	1.26
MW-4	10.32	8.08	-	-	2.24
MW-5	10.28	8.11	-	-	2.17
MW-6	8.97	7.09	-	-	1.88
MW-8	7.80	6.25	-	-	1.55
MW-9	8.21	6.58	N/A	0.00	1.63
MW-11	7.91	6.54	-	-	1.37
MW-12	6.74	5.79	-	-	0.95
MW-13	8.08	6.82	-	-	1.26

TOC	= Top-of-casing
DTW	= Depth-to-water
DTP	= Depth-to-product
PT	= Product thickness
ft msl	= Feet relative to mean sea level
N/A	Not Available
-	Not Applicable

Table 2
Historical Potentiometric Surface Elevations
Safety-Kleen (Oakland)

Date	Well Identification											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
01/20/93	1.29	1.00	0.86	1.57	1.48	1.27	1.08	1.15	1.73	1.16	0.44	0.58
04/20/93	1.09	0.51	0.38	1.52	1.42	1.08	0.74	0.95	1.85	0.90	0.10	0.40
07/20/93	0.27	-0.23	-0.27	0.68	0.62	0.37	-0.01	-0.68	0.99	0.20	-0.72	-0.15
10/20/93	-0.02	-0.51	-0.66	0.32	0.17	-0.12	-0.35	0.14	0.62	-0.22	-0.91	-0.57
01/19/94	-0.01	-0.52	-0.77	0.33	0.48	-0.10	-0.37	-0.49	0.60	-0.14	-1.05	-0.65
04/20/94	0.55	0.05	-0.09	0.85	0.74	0.46	0.22	0.33	-	0.34	-0.76	-0.09
07/19/94	0.25	-0.20	-0.31	0.62	0.55	0.23	-0.03	0.08	0.90	0.09	-0.70	-0.22
10/19/94	0.08	-0.33	-0.44	0.41	0.38	0.12	-0.15	0.01	-	0.01	-0.59	-0.33
01/04/95	1.95	1.53	1.64	2.41	2.49	2.24	1.79	1.85	-	2.06	1.44	1.33
04/10/95	3.09	2.46	2.49	3.71	3.73	3.42	2.79	2.95	-	3.18	2.22	1.98
07/11/95	2.04	1.53	1.53	2.54	2.50	2.26	1.76	1.93	-	2.01	1.33	1.53
10/12/95	1.38	0.94	1.01	1.81	1.27	1.56	1.15	1.32	-	1.42	0.94	1.06
01/09/96	1.82	1.40	0.64	2.21	2.21	2.04	1.61	1.54	-	1.85	-	1.51
04/02/96	2.81	2.40	2.46	3.33	3.36	3.17	2.58	2.51	-	2.91	2.24	2.38

Table 2
Historical Potentiometric Surface Elevations
Safety-Kleen (Oakland)

Date	Well Identification											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
07/01/96	2.16	1.70	1.75	2.67	2.63	2.35	1.90	1.93	-	2.18	-	1.84
11/01/96	1.09	0.70	0.75	1.47	1.47	1.18	0.90	0.86	-	-	-	0.78
01/17/97	2.89	2.39	2.58	3.48	3.52	3.34	2.70	2.57	-	-	-	2.50
04/10/97	2.43	1.89	1.99	2.92	2.86	2.53	2.18	2.19	-	2.45	1.71	1.99
07/17/97	1.70	1.19	1.25	2.15	2.12	1.86	1.44	1.29	-	-	1.12	1.35
10/08/97	1.40	0.94	0.97	1.79	1.76	1.51	1.16	1.35	-	-	0.84	1.06
01/12/98	3.02	2.99	3.12	3.45	3.49	3.34	2.89	2.63	-	3.15	2.50	2.48
04/13/98	3.92	3.20	3.43	4.77	4.50	4.17	3.63	3.91	-	3.91	3.08	3.37
07/21/98	2.79	2.15	2.13	3.37	3.37	3.05	2.50	2.71	-	2.85	2.21	2.35
10/12/98	2.28	1.68	1.79	2.97	2.90	2.55	2.04	1.47	-	2.33	1.72	1.93
01/22/99	2.30	1.78	2.06	2.81	2.82	2.51	2.10	1.88	-	2.41	1.71	1.76
04/14/99	3.15	2.49	2.78	3.75	3.75	3.49	2.86	3.01	-	3.24	2.33	2.59
07/06/99	2.21	1.64	1.76	2.72	2.72	2.40	1.94	1.41	-	2.24	1.71	1.81
10/08/99	1.81	1.27	1.35	2.35	2.26	1.98	1.57	1.75	-	1.80	1.21	1.44

Table 2
Historical Potentiometric Surface Elevations
Safety-Kleen (Oakland)

Date	Well Identification											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13
02/23/00	3.37	2.84	2.76	3.99	3.44	3.66	3.08	3.29	-	3.41	--	2.74
04/26/00	3.27	2.52	2.63	3.90	3.81	3.44	2.95	3.12	-	3.23	2.43	2.60
07/24/00	2.62	--	2.06	3.17	3.08	2.74	2.28	2.44	-	2.57	--	2.16
10/12/00	2.16	1.54	1.58	2.59	2.48	2.16	1.79	1.97	-	2.01	1.35	1.74
01/15/01	2.41	1.77	1.99	2.82	2.75	2.44	2.13	2.22	-	2.31	--	1.80
05/02/01	2.90	2.16	2.24	3.46	3.38	3.04	2.54	2.74	-	2.83	2.01	2.37
07/27/01	2.19	1.56	1.61	2.67	2.57	2.26	1.86	2.01	-	-	1.44	1.75
10/29/01	1.78	1.20	1.26	2.24	2.17	1.88	1.55	1.63	-	1.37	0.95	1.26

Notes:

Groundwater elevations are in feet relative to mean sea-level datum.

- Not Measured

Table 3
Groundwater Analytical Results (ppb)
Fourth Quarter 2001
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE
MCL (in ppb)		*3.0*	*NE*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*
MW-1	29-Oct-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-2	29-Oct-01	<1.0	<50	<1.0	1.0	<1.0	3.4	<1.0	1.4	1.8	5.5
MW-3	29-Oct-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-4	29-Oct-01	NA	<50	<10	<10	<10	<10	11	<10	<10	19
MW-4 DUP	29-Oct-01	NA	NA	<10	<10	<10	<10	11	<10	<10	16
MW-9	1-Nov-01	7.1	<250	12	4.8	2.3	20.6	2.1	37	2.1	8.7
MW-12	30-Oct-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0
Trip Blank	29-Oct-01	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trip Blank	1-Nov-01	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
RB-01	29-Oct-01	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 3
Groundwater Analytical Results (ppb)
Fourth Quarter 2001
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Chloro-ethane	Methylene Chloride	Vinyl Chloride
MCL (in ppb)		*NE*	*200*	*5.0*	*5.0*	*70.0*	*NE*	*5.0*	*0.5*
MW-1	29-Oct-01	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0
MW-2	29-Oct-01	<1.0	<1.0	22	<1.0	<1.0	<1.0	<1.0	<1.0
MW-3	29-Oct-01	<1.0	<1.0	1.1	1.1	<1.0	<1.0	<1.0	<1.0
MW-4	29-Oct-01	<10	<10	**140**	<10	<10	<10	<10	<10
MW-4 DUP	29-Oct-01	<10	<10	**120**	<10	<10	<10	<10	<10
MW-9	1-Nov-01	<1.0	3.3	**38**	<1.0	17	1.4	<1.0	**40**
MW-12	30-Oct-01	<1.0	<1.0	4.3	1.7	<1.0	<1.0	<1.0	<1.0
Trip Blank	29-Oct-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trip Blank	1-Nov-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
RB-01	29-Oct-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.7	<1.0

Concentrations of compounds detected equal to or greater than the primary drinking water MCL are indicated in bold.

NA = Not Analyzed
MCL = Maximum Contaminant Level

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-1	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Nov-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NA	-	-	-	-	-	NS	NS	NS	NS	NS	NS
	Apr-99	NA	-	-	-	-	-	**10.8**	-	-	-	-	-
	Oct-99	NA	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	NA	< 50	<1.0	<1.0	**1.2**	-	**3.7**	-	-	-	-	-
	Apr-00	NA	< 50	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0
	Oct-00	NA	NS	NS	NS	**2.0**	<1.0	**1.0**	<1.0	<1.0	<0.5	<1.0	<1.0
	May-01	NA	<50	**2.0**	<1.0	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-01	NA	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0
											<1.0	<1.0	<1.0

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-1	Apr-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Apr-95	-	-	-	**0.7**	-	-	-	-	-	NA	NA	NS
	Jul-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-95	-	-	-	-	-	-	-	-	-	NA	NA	NS
	Jan-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Apr-96	-	-	-	-	-	-	-	-	-	NA	NA	NS
	Jul-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Nov-96**	-	-	-	-	-	-	-	-	-	NA	NA	NS
	Nov-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97**	-	-	-	-	-	-	-	-	-	NA	NA	NS
	Apr-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Jul-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-97	-	-	-	-	-	-	-	-	-	NA	NA	NS
	Jan-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Apr-98	-	-	-	-	-	-	-	-	-	NA	NA	NS
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-98	-	-	[redacted]	-	-	-	-	-	-	NS	NS	NS
	Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	1.3	-	-
	Apr-00	<1.0	<1.0	<1.0	**2.0**	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-1	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Nov-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-98	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	1.0	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Oct-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NA	NA	<1.0	NA	NA	NA	<2.0	<1.0	<1.0	<2.0	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-1	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Oct-98	-	-	NA	-	-	-	-	-	-	-
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.00
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NA	NA	NA	NA	NA	NA	<1.0	<2.0	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-2	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Nov-96**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Nov-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-98	NA	-	-	-	-	-	-	-	-	-	-	-
	Oct-98	NA	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	NA	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	NA	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	NA	< 50	<1.0	<1.0	<1.0	<1.0	2.6	-	-	1.7	3.3	-
	Apr-00	NA	< 50	<1.0	1.0	2.0	<1.0	1.0	<1.0	<1.0	< 0.5	<1.0	<1.0
	Oct-00	NA	< 50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	< 0.5	<1.0	<1.0
	May-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	1.0	4.0	<1.0
	Oct-01	<1.0	<50	NA	<1.0	<1.0	<1.0	3.4	<1.0	<1.0	<0.5	<1.0	<1.0
										1.4	1.8	5.5	<1.0

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-2	Apr-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Nov-96**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Nov-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-97	-	-	-	-	3.3	-	-	-	-	NA	NA	-
	Jan-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-98	-	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	[redacted]	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Apr-00	<1.0	<1.0	<1.0	2.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-00	<1.0	<1.0	[redacted]	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-01	<1.0	<1.0	[redacted]	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-2	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Nov-96**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Nov-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-98	-	-	-	-	-	-	**30.2**	-	-	-	-
	Oct-98	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Oct-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NA	NA	<1.0	NA	NA	NA	<2.0	<1.0	<1.0	<2.0	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-2	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	-	-	NA	-	-	-	-	-	-	-
	Oct-98	-	-	NA	-	-	-	-	-	-	-
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NA	NA	NA	NA	NA	NA	<1.0	<2.0	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-3	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-96	NA	-	NA	-	-	-	-	-	-	-	1	-
	Apr-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Nov-96**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Nov-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-98	NA	-	-	-	-	-	-	-	-	-	-	-
	Oct-98	NA	56	-	-	9.2	-	26.6	-	-	-	-	-
	Apr-99	NA	-	-	-	-	-	-	-	-	-	[redacted]	-
	Oct-99	NA	-	-	-	-	-	2.5	-	-	-	-	-
	Feb-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NA	< 50	<1.0	[redacted]	2.0	<1.0	1.0	<1.0	<1.0	< 0.5	<1.0	<1.0
	Oct-00	NA	< 50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	< 0.5	<1.0	<1.0
	May-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0
	Oct-01	NA	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-3	Apr-93	-	-	0.7	-	-	-	-	-	-	NA	NA	-
	Jul-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-94	-	-	-	-	-	-	-	-	-	NA	NA	1.8
	Oct-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Nov-96**	-	-	1.6	-	-	-	-	-	-	NA	NA	-
	Nov-96	-	-	4.9	-	-	-	-	-	-	NA	NA	-
	Jan-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-98	-	-	-	-	2.1	-	-	-	-	NA	NA	-
	Apr-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Oct-98	-	-	[redacted]	-	-	-	-	-	-	NA	NA	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	-	-	-
	Apr-00	<1.0	<1.0	<1.0	2.0	<1.0	NA	<1.0	<1.0	<1.0	NS	NS	NS
	Oct-00	<1.0	<1.0	3.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-01	<1.0	<1.0	1.1	1.1	<1.0	NA	NA	NA	NA	<1.0	<1.0	<1.0
											NA	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-3	Apr-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Nov-96**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Nov-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-98	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-98	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-98	-	-	-	-	-	-	-	-	-	-	-
	Oct-98	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Oct-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NA	NA	<1.0	NA	NA	NA	<2.0	<1.0	<1.0	<2.0	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-3	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	-	-	NA	-	-	-	-	-	-	-
	Oct-98	-	-	NA	-	-	-	-	-	-	-
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	NA	NA
	Oct-01	NA	NA	NA	NA	NA	NA	<1.0			

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-4	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	-	-	-	-	53
	Oct-93	NA	* 400	NA	-	-	-	-	-	-	-	-	0.6
	Jan-94	NA	* 270	NA	-	-	-	-	-	-	-	-	1.1
	Apr-94	NA	* 760	NA	-	-	-	-	-	-	-	-	1.7
	Jul-94	NA	* 200	NA	-	-	-	-	-	-	-	-	-
	Oct-94	NA	* 330	NA	-	-	-	-	-	-	-	-	-
	Jan-95	NA	-	NA	-	-	-	-	0.7	-	-	-	1.4
	Apr-95	NA	-	NA	-	1.2	-	-	0.8	-	-	-	1.0
	Jul-95	NA	-	NA	-	-	-	-	5.2	-	-	11.8	3.2
	Oct-95	NA	-	NA	-	-	-	-	4	-	-	-	3
	Jan-96	NA	-	NA	-	-	-	-	3	-	-	17	4
	Apr-96	NA	-	NA	-	-	-	-	6.0	-	-	10	1.7
	Jul-96	NA	-	NA	-	-	-	-	4.8	-	-	11.3	1.2
	Nov-96**	NA	-	NA	-	-	-	-	5.1	-	-	5.1	-
	Nov-96	NA	-	NA	-	-	-	-	5.0	-	-	9.2	1.2
	Jan-97**	NA	-	NA	-	-	-	-	5.7	-	-	4.4	-
	Jan-97	NA	-	NA	-	-	-	-	6.4	-	-	7.2	-
	Apr-97**	NA	-	NA	-	-	-	-	5.6	-	-	7.5	-
	Apr-97	NA	-	NA	-	-	-	-	5.7	-	-	9.7	-
	Jul-97**	NA	-	NA	-	-	-	-	6.7	-	-	6.6	-
	Jul-97	NA	-	NA	-	-	-	-	6.8	-	-	6.5	-
	Oct-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-98	NA	-	NA	-	-	-	-	11.7	-	-	15.5	-
	Apr-98	NA	-	NA	-	-	-	-	-	-	-	2.0	-
	Jul-98	NA	-	-	-	-	-	-	-	-	-	7.8	-
	Oct-98	NA	-	-	-	5.1	-	9.0	14.3	-	-	12.8	-
	Apr-99	NA	-	-	-	-	-	-	-	-	-	16.8	-
	Oct-99	NA	-	-	-	1.5	-	4.0	33.8	-	-	12.8	-
	Feb-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NA	< 50	<1.0	2.0	2.0	<1.0	1.0	7.0	<1.0	< 0.5	13	<1.0
	Oct-00	NA	< 50	<1.0	<1.0	<1.0	<1.0	<1.0	11	<1.0	< 0.5	17	<1.0
	May-01	NA	< 50	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<1.0	<0.5	12	<1.0
	Oct-01	NA	< 50	NA	<10	<10	<10	<10	11	<10	<10	19	<10
DUP	Oct-01	NA	NA	NA	<10	<10	<10	<10	11	<10	<10	16	<10

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-4	Apr-93	7.6	-	3400	-	-	-	-	-	-	NA	NA	-
	Jul-93	-	-	1100	-	-	-	-	-	-	NA	NA	-
	Oct-93	1.9	-	-	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	790	-	-	-	-	-	-	NA	NA	-
	Apr-94	5.0	-	1600	-	-	-	-	-	-	NA	NA	-
	Jul-94	-	-	410	-	-	-	-	-	-	NA	NA	-
	Oct-94	-	-	650	-	-	-	-	-	-	NA	NA	-
	Jan-95	-	-	700	-	-	-	-	-	-	NA	NA	-
	Apr-95	-	-	440	-	-	-	-	-	-	NA	NA	-
	Jul-95	-	-	247	-	-	-	-	-	-	NA	NA	-
	Oct-95	3	-	207	-	-	-	-	-	-	NA	NA	-
	Jan-96	6	-	157	-	-	-	-	-	-	NA	NA	-
	Apr-96	1.3	-	140	-	-	-	-	-	-	NA	NA	-
	Jul-96	1.8	-	224	-	-	-	-	-	-	NA	NA	-
	Nov-96**	1.6	1.1	242.4	-	1.2	-	-	-	-	NA	NA	-
	Nov-96	1.8	-	269	-	-	-	-	-	-	NA	NA	-
	Jan-97**	1.9	1.2	156.2	-	-	-	-	-	-	NA	NA	-
	Jan-97	2.3	1.2	188.7	1.1	-	-	-	-	-	NA	NA	-
	Apr-97**	1.5	1.4	152.6	-	-	-	-	-	-	NA	NA	-
	Apr-97	1.4	-	215.9	-	-	-	-	-	-	NA	NA	-
	Jul-97**	2.5	1.6	136.8	-	-	-	-	-	-	NA	NA	-
	Jul-97	1.7	-	161.7	-	-	-	-	-	-	NA	NA	-
	Oct-97	-	-	-	-	1.2	-	-	-	-	NA	NA	-
	Jan-98	1.0	-	163	-	-	-	-	-	-	NA	NA	-
	Apr-98	-	-	30.9	-	-	-	-	-	-	NA	NA	-
	Jul-98	-	-	57.3	-	-	-	-	-	-	NA	NA	-
	Oct-98	-	-	121	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	92.9	-	-	-	-	-	-	-	-	-
	Oct-99	-	1.8	75.2	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	1.4	-	-
	Apr-00	<1.0	<1.0	[redacted]	2.0	<1.0	NA	<1.0	<1.0	<1.0	NS	NS	NS
	Oct-00	<1.0	<1.0	[redacted]	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	May-01	<1.0	<1.0	[redacted]	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-01	<10	<10	[redacted]	<10	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
DUP	Oct-01	<10	<10	[redacted]	<10	<10	NA	NA	NA	NA	NA	NA	NA
								NA	NA	NA		NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-4	Apr-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-94	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-95	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-96	NA	NA	-	-	-	-	NA	1.0	-	NA	NA
	Apr-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Nov-96**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Nov-96	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Oct-97	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jan-98	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Apr-98	NA	NA	-	-	-	-	NA	-	-	NA	NA
	Jul-98	-	-	-	-	-	-	NA	-	-	NA	NA
	Oct-98	-	-	-	-	-	-	31.3	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	1.8	-	-	-	-	-	1.0	-	-	-
	Feb-00	NS	NS	NS	NS	NA	NA	5.4	-	-	-	-
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	NS	NS	NS	NS	NS
	Oct-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<1.0	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	0.5	<2.0	<1.0	<1.0
	Oct-01	NA	NA	<10	NA	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
DUP	Oct-01	NA	NA	<10	NA	NA	NA	<20	<10	<10	<20	NA
								<20	<10	<10	<20	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-4	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	-	-	NA	-	-	-	-	-	-	-
	Oct-98	-	-	NA	-	-	-	-	-	-	-
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NA	NA	NA	NA	NA	NA	<10	<20	NA	NA
DUP	Oct-01	NA	NA	NA	NA	NA	NA	<10	<20	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-5	Apr-93	NA	-	NA	-	-	-	-	**1.5**	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	**0.6**	-	-	-	-
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	-	-	-	**4.3**
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	**3.5**
	Oct-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-98	NA	NS	-	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NA	NS	-	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	NA	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	NA	-	-	-	**1.1**	-	**3.2**	-	-	-	-	-
	Feb-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NA	< 50	<1.0	230	**2.0**	<1.0	**1.0**	<1.0	<1.0	< 0.5	<1.0	<1.0
	Oct-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-5	Apr-93	-	**4.0**	-	-	-	-	-	-	-	NA	NA	**18.0**
	Jul-93	-	**6.0**	-	-	-	-	-	-	-	NA	NA	**19.0**
	Oct-93	-	**12.0**	-	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-94	-	**7.2**	-	-	-	-	-	-	-	NA	NA	**7.9**
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-95	-	**9.1**	-	-	-	-	-	-	-	NA	NA	NS
	Jul-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-96	**1.4**	-	[redacted]	-	-	-	-	-	-	NA	NA	NS
	Jul-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	**4.5**
	Nov-96**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97**	**3.2**	-	**3.6**	-	-	-	-	-	-	NA	NA	NS
	Apr-97	**2.9**	-	**3.0**	-	-	-	-	-	-	NA	NA	-
	Jul-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Jul-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-98	-	-	-	-	-	-	-	-	-	NA	NA	NS
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	-	NS
	Apr-99	-	-	-	-	-	-	-	-	-	NS	-	NS
	Oct-99	**8.4**	-	**2.0**	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	**1.0**	-	-
	Apr-00	**8.0**	<1.0	**2.0**	**2.0**	<1.0	NA	<1.0	<1.0	<1.0	NS	NS	NS
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.0	<1.0	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	NS	NS	NS
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	<1.0	<1.0	<1.0
											NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-5	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Oct-94	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	[redacted]	-	NA	NA
	Jul-95	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Oct-95	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Jan-96	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Apr-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Nov-96**	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Nov-96	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Jan-97**	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Jan-97	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Apr-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Jul-97	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Oct-97	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Jan-98	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Apr-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	-	-	-
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<2.0	<1.0
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-5	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	-	-	NA	-	-	-	-	-	-	-
	Oct-98	-	-	NA	-	-	-	-	-	-	-
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1:0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-6	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	NA	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	NA	-	-	-	-	-	2.8	-	-	-	-	-
	Feb-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NA	< 50	<1.0	2.0	2.0	<1.0	1.0	<1.0	<1.0	< 0.5	<1.0	<1.0
	Oct-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-6	Apr-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-93	-	5.0	-	-	-	-	-	-	-	NA	NA	-
	Oct-93	-	1.3	-	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-94	-	1.0	-	-	-	-	-	-	-	NA	NA	-
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-95	-	0.4	-	-	-	-	-	-	-	NA	NA	-
	Jul-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	-	-	-	-	-	-	-	NS	NS	NS
	Oct-99	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	2.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-6	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-98	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	4.5	-	-	-	-
	Feb-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	NS	<1.0
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-6	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-8	Apr-93	NA	-	NA	-	-	-	-	-	3.4	7.4	-	-
	Jul-93	NA	-	NA	-	-	-	-	-	-	5.0	-	1.0
	Oct-93	NA	-	NA	-	-	-	-	-	-	5.2	-	-
	Jan-94	NA	* 60	NA	-	-	-	-	-	8.6	11	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	3.7	7.1	-	-
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	-	NA	-	-	-	-	-	5.5	-	-	-
	Jan-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	-	NA	-	-	-	-	3.5	6.2	9.8	25.6	2.3
	Oct-95	NA	-	NA	-	-	-	-	7	5	10	63	6
	Jan-96	NA	-	NA	-	-	-	-	19	7	11	56	4
	Apr-96	NA	-	NA	-	-	-	-	7.2	2.9	5.1	63	2.9
	Jul-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Nov-96**	NA	-	NA	-	-	-	-	3.2	10.7	9.5	44.5	1.1
	Nov-96	NA	-	NA	-	-	-	-	1.3	4.3	6.0	60.6	2.9
	Jan-97**	NA	-	NA	-	-	-	-	-	-	-	1.2	-
	Jan-97	NA	-	NA	-	-	-	-	-	-	2.1	22.6	1.3
	Apr-97**	NA	-	NA	-	-	-	-	-	3.6	2.1	17	-
	Apr-97	NA	-	NA	-	-	-	-	-	4.8	3.4	50	-
	Jul-97**	NA	-	NA	-	-	-	-	-	-	3.5	38.6	2.3
	Jul-97	NA	-	NA	-	-	-	-	1.2	1.0	3.5	42.4	2.3
	Oct-97	NA	-	NA	-	-	-	-	-	-	4.5	43.5	2.4
	Jan-98	NA	-	NA	-	-	-	-	-	-	-	5.8	-
	Apr-98	NA	-	-	-	-	-	-	-	-	-	-	-
	Jul-98	NA	-	-	-	-	-	-	-	-	-	-	-
	Oct-98	NA	-	-	-	-	-	-	6.0	-	-	23.8	-
	Apr-99	NA	-	-	-	5.4	-	23.1	-	9.1	5.0	36.6	-
	Oct-99	NA	-	-	-	-	-	2.4	30.8	-	1.0	33.8	-
	Feb-00	NA	< 50	<1.0	<1.0	<1.0	<1.0	<1.0	4.0	4.0	2.0	16.6	1.4
	Apr-00	NA	< 50	<1.0	2.0	2.0	<1.0	1.0	16	2.0	2.0	24	<1.0
	Oct-00	NA	< 50	<1.0	<1.0	<1.0	<1.0	<1.0	26	1.0	2.0	17	<1.0
	May-01	NA	<50	2.0	<1.0	<1.0	<1.0	<1.0	5.0	4.0	2.0	17	<1.0
DUP	May-01	NA	<50	2.0	<1.0	<1.0	<1.0	<1.0	4.0	4.0	2.0	11	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	12	<1.0
												NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-8	Apr-93	-	-	14	1.8	11	0.6	2.6	-	-	NA	NA	-
	Jul-93	-	-	31	-	-	-	-	-	-	NA	NA	-
	Oct-93	-	-	15	-	5.4	-	-	-	-	NA	NA	-
	Jan-94	-	2.5	22	2.0	16	-	4.8	-	-	NA	NA	-
	Apr-94	-	1.5	18	0.8	-	0.8	-	-	-	NA	NA	-
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-94	-	-	23	-	2.4	-	-	-	-	NA	NA	NS
	Jan-95	-	-	2.6	-	1.2	-	-	-	-	NA	NA	-
	Apr-95	-	-	15	0.4	-	-	-	-	-	NA	NA	-
	Jul-95	-	-	163	3.2	6.9	-	3.8	-	-	NA	NA	-
	Oct-95	-	-	557	2	4	-	3	-	-	NA	NA	-
	Jan-96	13	-	486	2	6	-	5	-	-	NA	NA	-
	Apr-96	-	-	569	1.1	3.3	-	2.0	-	-	NA	NA	-
	Jul-96	-	1.3	1352	2.0	-	-	-	-	-	NA	NA	-
	Nov-96**	1.7	2.5	339.2	3.4	23.3	3.0	24.4	-	1.1	NA	NA	-
	Nov-96	3.9	-	1156.8	1.6	5.8	-	5.7	-	3.9	NA	NA	-
	Jan-97**	-	-	2.9	22.5	-	-	-	-	1.1	NA	NA	-
	Jan-97	1.4	-	500.3	13	1.2	-	1.4	-	-	NA	NA	-
	Apr-97**	-	-	95	4.9	3.4	-	3.3	-	-	NA	NA	-
	Apr-97	-	-	241.9	4.8	4.6	-	4.5	-	-	NA	NA	-
	Jul-97**	3.2	-	803	1.2	1.3	-	1.4	-	-	NA	NA	-
	Jul-97	2.6	-	792	1.2	1.7	-	1.7	-	-	NA	NA	-
	Oct-97	1.5	-	920	-	-	-	-	-	-	NA	NA	-
	Jan-98	-	-	19.5	-	-	-	-	-	-	NA	NA	-
	Apr-98	-	-	8.0	-	-	-	-	-	-	NA	NA	-
	Jul-98	-	-	180	-	-	-	-	-	-	NA	NA	-
	Oct-98	-	-	177	-	5.6	-	13.8	-	-	-	-	-
	Apr-99	-	-	513	-	7.1	-	14.9	-	-	-	-	-
	Oct-99	-	1.6	276	-	-	-	1.0	-	-	-	-	-
	Feb-00	<1.0	<1.0	250	<1.0	4.0	NA	12	<1.0	2.0	1.1	-	-
	Apr-00	<1.0	2.0	140	2.0	2.0	NA	4.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-00	<1.0	1.0	190	<1.0	1.0	NA	4.0	<1.0	<1.0	<1.0	<1.0	<1.0
	May-01	<1.0	<1.0	82	<1.0	<1.0	NA	6.0	<1.0	1.0	<1.0	<1.0	<1.0
DUP	May-01	<1.0	<1.0	85	<1.0	<1.0	NA	6.0	<1.0	1.0	<1.0	<1.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-8	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	-	NA	NA
	Oct-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-95	NA	NA	-	NA	-	-	NA	2.6	-	NA	NA
	Jan-96	NA	NA	-	NA	-	-	NA	3	-	NA	NA
	Apr-96	NA	NA	-	NA	-	-	NA	5	-	NA	NA
	Jul-96	NA	NA	-	NA	-	-	NA	1.6	-	NA	NA
	Nov-96**	NA	NA	-	NA	-	-	NA	6.3	-	NA	NA
	Nov-96	NA	NA	-	NA	-	-	NA	9.8	-	NA	NA
	Jan-97**	NA	NA	-	NA	-	-	NA	3.5	-	NA	NA
	Jan-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-98	-	-	-	-	-	-	-	-	-	-	-
	Oct-98	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	11.7	-	-	-
	Oct-99	-	-	-	-	-	-	-	23.1	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	1.4	-	-	-
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	4.0	9.0	<2.0	<4.0	<1.0
	Oct-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	5.0	<2.0	<4.0	<1.0
	May-01	<1.0	1.0	<1.0	<1.0	NA	NA	<4.0	2.0	<2.0	<4.0	<1.0
DUP	May-01	<1.0	1.0	<1.0	<1.0	NA	NA	<4.0	1.9	<2.0	<4.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	1.0	<2.0	<4.0	<1.0
									NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-8	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	-	-	NA	-	-	-	-	-	-	-
	Oct-98	-	-	NA	-	-	-	-	-	-	-
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DUP	May-01	<1.0	<1.0	**6.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-9	Apr-93	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-93	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-93	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97**	NA	1536	NA	14.9	13.3	13.5	12.3	-	48	8.2	41.9	-
	Apr-97	NA	1846	NA	17.4	17.2	23.2	19.3	-	56.6	7.6	47.1	-
	Jul-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-98	NA	927	NA	15.5	10.3	12.4	64.9	-	36.8	4.5	51.4	-
	Jul-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	NA	944	-	11.8	14.0	9.2	31.9	-	27.8	4.7	23.5	-
	Oct-99	NA	3200	-	13.1	9.0	9.0	31.2	5.6	36.7	2.8	14.1	-
	Feb-00	NA	990	<1.0	10	6.0	5.0	45.0	<1.0	20	3.0	8.0	<1.0
	Apr-00	NA	12000	64	16	2.0	11.0	48.0	2.0	45	4.0	17	<1.0
	Oct-00	NA	44000	42	14	11.0	19.0	77.0	7.0	30	3.0	38	<1.0
	May-01	NA	930	23	9.0	2.0	3.0	16.0	<1.0	24	<0.5	<1.0	<1.0
	Oct-01	7.1	<250	NA	12	4.8	2.3	20.6	2.1	37	2.1	8.7	<1.0

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
	MCL	*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-9	Apr-93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97**	-	10.7	[redacted]	-	28.6	1.6	77.2	4.6	17.2	NA	NA	NS
	Apr-97	-	13.8	[redacted]	-	44.5	1.4	131.8	4.2	34.4	NA	NA	-
	Jul-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Jul-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-98	-	3.3	[redacted]	-	30	-	68.2	2.6	14.6	NA	NA	NS
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	-
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	14.5	-	17.8	-	49.7	-	13.3	62.4	-	-
	Oct-99	-	2.6	92.8	-	14.2	-	44.6	2.3	12.9	37.2	3.2	-
	Feb-00	<1.0	3.0	28	<1.0	21	NA	54	3.0	18	81	13	<1.0
	Apr-00	<1.0	6.0	25	<1.0	22	NA	75	3.0	21	78	11	<1.0
	Oct-00	<1.0	4.0	110	<1.0	19	NA	87	<1.0	23	140	30	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	65	3.0	21	55	9.0	<1.0
	Oct-01	<1.0	3.3	[redacted]	<1.0	17	NA	NA	NA	NA	NA	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-9	Apr-93	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-93	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-93	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-97**	NA	NA	**2.0**	NA	**9.9**	**4.6**	NA	131.7	-	NA	NA
	Apr-97	NA	NA	**2.0**	NA	**19.2**	**4.2**	NA	135.6	-	NA	NA
	Jul-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-98	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-98	NA	NA	**1.4**	NA	**10**	**1.8**	NA	275	-	NA	NA
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	**6.9**	**15.5**	-	**6.6**	-	-	-	124	-	-	-
	Oct-99	**7.4**	**13.7**	**1.1**	**6.3**	-	-	**6.5**	86.5	**2.9**	-	**3.1**
	Feb-00	**9.0**	**17**	<1.0	**11**	NA	NA	<4.0	48	<2.0	<4.0	**4.0**
	Apr-00	**13**	**20**	**1.0**	**14**	NA	NA	**170**	52	<2.0	**5.0**	**10**
	Oct-00	**25**	**28**	<1.0	**18**	NA	NA	<4.0	71	<2.0	<4.0	**21**
	May-01	**2.0**	**36**	<1.0	**7.0**	NA	NA	<4.0	<0.5	<2.0	<4.0	**2.0**
	Oct-01	NA	NA	**1.4**	NA	NA	NA	<2.0	40	<1.0	<2.0	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-9	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	**9.7**	-	**2.3**	**1.2**	**4.3**	**3.8**	-	-	-	-
	Feb-00	**4.0**	<1.0	**1.0**	<1.0	**5.0**	<1.0	<1.0	**2.0**	<1.0	<10
	Apr-00	**9.0**	**1.0**	<1.0	<1.0	**7.0**	**5.0**	**7.0**	**5.0**	<1.0	<10
	Oct-00	**17**	<3.0	<1.0	<1.0	**11**	**10**	<1.0	<1.0	<1.0	<10
	May-01	**2.0**	<1.0	<1.0	<1.0	**2.0**	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NA	NA	NA	NA	NA	NA	<1.0	<2.0	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-10	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	2.0	-	-	-	17
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	3.0
	Jan-94	NA	-	NA	-	-	-	-	-	-	-	-	0.4
	Apr-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-95	Well Destroyed July 1995											

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-10	Apr-93	1.2	-	45	-	-	-	-	-	-	NA	NA	-
	Jul-93	0.5	0.8	54	-	-	-	-	-	-	NA	NA	-
	Oct-93	-	-	42	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	67	-	-	-	-	-	-	NA	NA	-
	Apr-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-95	Well Destroyed July 1995											

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-10	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-95	Well Destroyed July 1995										

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-10	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	Well Destroyed July 1995									

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-11	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	**2.0**	-	-	-	**3.0**
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-99	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-11	Apr-93	-	-	9.1	-	-	-	-	-	-	NA	NA	-
	Jul-93	-	2.0	36	-	-	-	-	-	-	NA	NA	-
	Oct-93	-	-	11	-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-	2.6	-	-	-	-	-	-	NA	NA	-
	Apr-94	-	-	3.1	-	-	-	-	-	-	NA	NA	-
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-95	-	-	3.4	-	-	-	-	-	-	NA	NA	NS
	Jul-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
											NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-11	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	NS	NS	NA	NA
	Jul-95	NA	NA	NS	NA	NS	NS	NA	[redacted]	-	NA	NA
	Oct-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-98	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-98	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-98	NS	NS	NS	NS	NS	NS	NA	NS	NS	NA	NA
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	Apr-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-11	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Apr-99	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Oct-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-12	Apr-93	NA	-	NA	-	-	-	-	-	2.6	-	-	-
	Jul-93	NA	-	NA	-	-	-	-	-	2.0	2.0	-	3.0
	Oct-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jan-94	NA	-	NA	-	-	-	-	-	2.3	1.2	-	-
	Apr-94	NA	-	NA	-	-	-	-	-	1.7	1.9	-	-
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	-	NA	-	-	-	-	-	1.6	-	-	-
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	-	NA	-	-	-	-	-	3.8	-	-	-
	Jul-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-95	NA	-	NA	-	-	-	-	2	4	3	5	2
	Jan-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-96	NA	-	NA	-	-	-	-	-	2.9	1.6	-	-
	Jul-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97**	NA	-	NA	-	-	-	-	-	0.2	3.5	1.1	-
	Apr-97	NA	-	NA	-	-	-	-	-	0.3	3.5	1.4	-
	Jul-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-97	NA	-	NA	-	-	-	-	-	4.5	2.6	2.1	-
	Jan-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-98	NA	-	NA	-	-	-	-	-	3.3	1.5	-	-
	Jul-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NA	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	NA	-	-	-	6.5	-	-	-	-	0.8	-	-
	Oct-99	NA	-	-	-	-	-	3.2	-	1.4	-	1.5	-
	Feb-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	NA	< 50	<1.0	1.0	1.0	<1.0	<1.0	<1.0	1.0	1.0	1.0	<1.0
	Oct-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<0.5	<1.0	<1.0
	Oct-01	NA	<50	NA	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<1.0	<1.0	<1.0

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-12	Apr-93	-	-	[redacted]	-	-	-	-	-	-	NA	NA	-
	Jul-93	-	-		-	-	-	-	-	-	NA	NA	-
	Oct-93	-	-		-	-	-	-	-	-	NA	NA	-
	Jan-94	-	-		-	-	-	-	-	-	NA	NA	-
	Apr-94	-	-		-	-	-	-	-	-	NA	NA	-
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-94	-	-	[redacted]	-	-	-	-	-	-	NA	NA	-
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-95	-	-	[redacted]	-	-	-	-	-	-	NA	NA	-
	Jul-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-95	-	-	[redacted]	-	-	2	-	-	-	NA	NA	-
	Jan-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-96	1.1	-	[redacted]	-	-	-	-	-	-	NA	NA	-
	Jul-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97**	-	-	[redacted]	-	-	-	-	-	-	NA	NA	NS
	Apr-97	-	-	[redacted]	-	-	-	-	-	-	NA	NA	NS
	Jul-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Jul-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-97	-	-	[redacted]	-	-	-	-	-	-	NA	NA	NS
	Jan-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-98	-	-	[redacted]	-	-	-	-	-	-	NA	NA	-
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-99	-	-	-	-	-	-	-	-	-	NS	NS	NS
	Oct-99	-	-	[redacted]	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	-	-	-
	Apr-00	<1.0	<1.0	[redacted]	2.0	<1.0	NA	<1.0	<1.0	<1.0	1.0	-	-
	Oct-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	2.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-01	<1.0	<1.0	4.3	1.7	<1.0	NA	NA	NA	NA	NS	NS	NS
											<1.0	<1.0	<1.0
											NA	NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-12	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Oct-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jan-98	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	-	-	-	-	-	-	-	-	-	-	-
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	1.2	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Oct-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	<1.0
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NA	NA	<1.0	NA	NA	NA	<2.0	<1.0	<1.0	<2.0	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-12	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Oct-98	-	-	NA	-	-	-	-	-	-	-
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<10
	Oct-01	NA	NA	NA	NA	NA	NA	<1.0		NA	NA

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
MW-13	Apr-93	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-93	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-93	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-94	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-94	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-95	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-95	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-96	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-96	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97**	NA	-	NA	-	-	-	-	-	-	-	-	-
	Apr-97	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-97**	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jul-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-97	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-98	NA	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-98	NA	-	NA	-	-	-	-	-	-	-	-	-
	Jul-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	NA	-	-	-	**7.0**	-	-	-	-	-	-	-
	Oct-99	NA	-	-	-	-	-	**2.9**	-	-	-	-	-
	Feb-00	NA	< 50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	< 0.5	<1.0	<1.0
	Apr-00	NA	< 50	<1.0	2.0	**2.0**	<1.0	<1.0	<1.0	<1.0	< 0.5	<1.0	<1.0
	Oct-00	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	NA	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	<1.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
MW-13	Apr-93	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-94	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-94	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-95	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-96	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Nov-96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-97**	-	-	-	-	-	-	-	-	-	NA	NA	-
	Apr-97	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-97**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jul-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Oct-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Jan-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	NS
	Apr-98	-	-	-	-	-	-	-	-	-	NA	NA	-
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA	NA	-
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	-	-	-	-	-	-	-	NS	NS	NS
	Oct-99	-	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Apr-00	1.0	<1.0	<1.0	2.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-00	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
MW-13	Apr-93	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-93	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-93	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-94	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-94	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-95	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-95	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-96	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Nov-96	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-97**	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Apr-97	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-97**	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jul-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Oct-97	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Jan-98	NA	NA	NS	NA	NS	NS	NA	NS	NS	NA	NA
	Apr-98	NA	NA	-	NA	-	-	NA	-	-	NA	NA
	Jul-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	-	-	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Apr-00	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	< 0.5	<2.0	<4.0	<1.0
	Oct-00	NS	NS	NS	NS	NA	NA	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	NA	NA	<4.0	<0.5	<2.0	<4.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
MW-13	Apr-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-93	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Nov-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Oct-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jan-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Apr-98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Jul-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Oct-98	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS
	Apr-99	-	-	NA	-	-	-	-	-	-	-
	Oct-99	-	-	-	-	-	-	-	-	-	-
	Feb-00	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Apr-00	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	1,4 Dioxane	TPHms	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes	1,1-DCE	1,1-DCA	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE
MCL		*3*	*NE*	*13.0*	*1.0*	*150*	*700*	*1750*	*6.0*	*5.0*	*0.5*	*6.0*	*10.0*
RW-1	Oct-99	NA	890	1.3	5.4	5.2	4.9	28.3	1.2	15.6	-	-	-
	Feb-00	NA	400	<1.0	4.0	2.0	2.0	16	<1.0	17	<0.5	<1.0	<1.0
	Apr-00	NA	1000	460	4.0	2.0	5.0	26	<1.0	16	0.7	<1.0	<1.0
	Oct-00	NA	3500	78	5.0	2.0	3.0	15	<1.0	24	0.9	2.0	<1.0
	May-01	NA	5800	10	10	6.0	8.0	32	10	27	2.0	13	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	Chloroform	1,1,1-TCA	TCE	PCE	Chloro-benzene	Dichloro-propane	1,2-DCB	1,3-DCB	1,4-DCB	1,2,4-TMB	1,3,5-TMB	TCFM
MCL		*NE*	*200*	*5.0*	*5.0*	*70.0*	*5.0*	*600*	*NE*	*5*	*NE*	*NE*	*150*
RW-1	Oct-99	-	-	10.1	-	6.1	-	42.8	2.5	16.4	63.1	32.2	-
	Feb-00	<1.0	<1.0	<1.0	<1.0	7.0	NA	53	3.0	18	<1.0	5.0	<1.0
	Apr-00	<1.0	<1.0	2.0	4.0	7.0	NA	64	3.0	19	79	29	<1.0
	Oct-00	<1.0	<1.0	<1.0	<1.0	7.0	NA	73	3.0	21	26	7.0	<1.0
	May-01	<1.0	3.0	130	<1.0	17	NA	61	<5	17	42	8.0	<1.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	n-Propyl-benzene	Naph-thalene	Chloro-ethane	2-Chloro-toluene	Chloro-toluene	Trichloro-propane	Acetone	Vinyl chloride	Bromo-methane	2-Butanone	n-Butyl-benzene
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*0.5*	*NE*	*NE*	*NE*
RW-1	Oct-99	**3.2**	**38.9**	**3.0**	**6.5**	-	-	**7.0**	1.3	-		-
	Feb-00	**2.0**	<1.0	**4.0**	**7.0**	NA	NA	**85**	<1.0	<2.0	**14**	**2.0**
	Apr-00	**2.0**	**55**	**2.0**	**7.0**	NA	NA	**12**	4.0	<2.0	<4.0	**4.0**
	Oct-00	**3.0**	**22**	<1.0	**9.0**	NA	NA	<4.0	0.7	<2.0	<4.0	**4.0**
	May-01	**6.0**	**15**	<1.0	<5.0	NA	NA	**7.0**	<40	<2.0	<4.0	<5.0
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

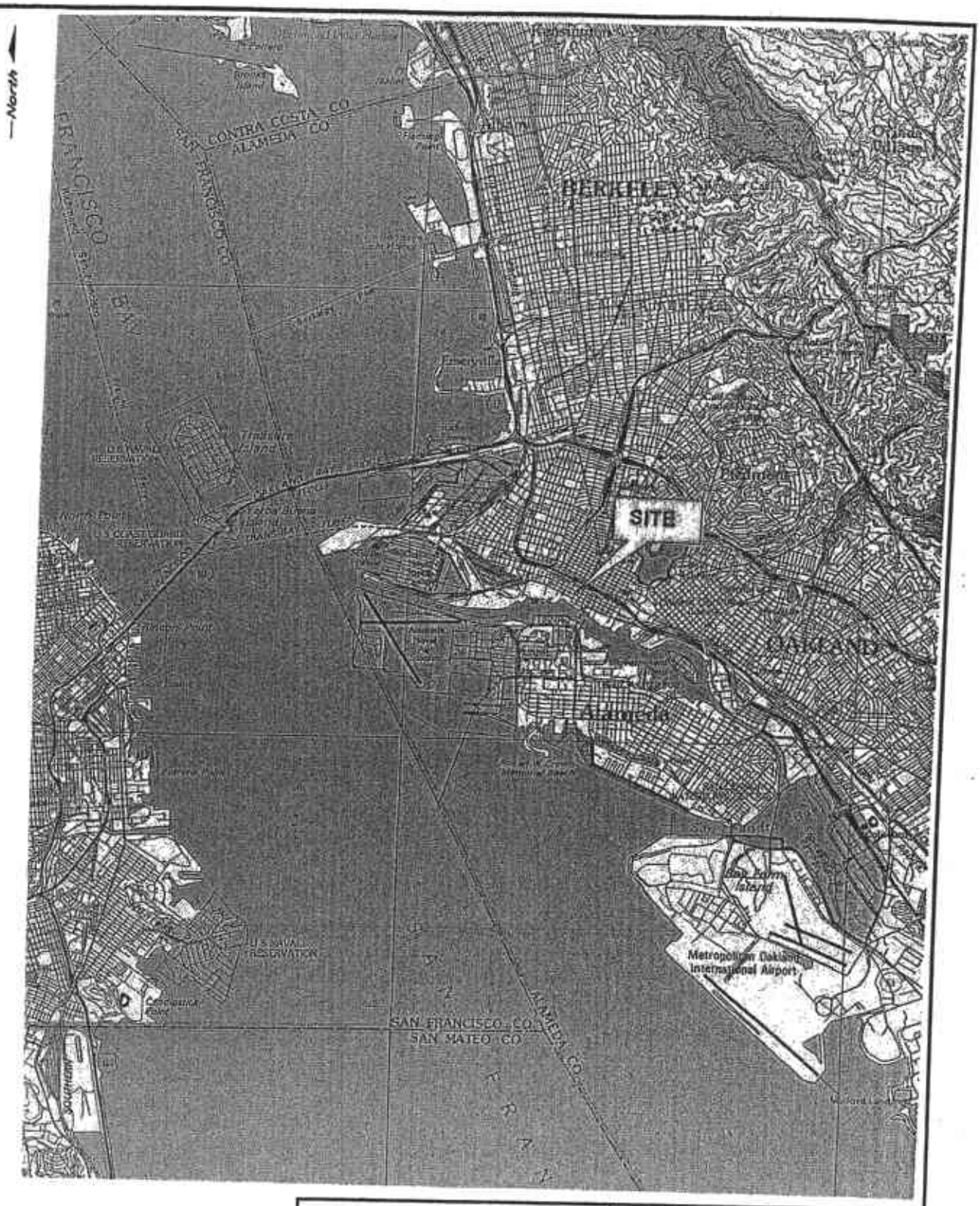
Table 4
Historical Groundwater Analytical Results (ppb)
Safety-Kleen (Oakland)

Well No.	Date	sec-Butyl-benzene	tert-Butyl benzene	Carbon Disulfide	Iodo-methane	Isopropyl-benzene	p-Isopropyl-toluene	Methylene Chloride	4-Methyl-2-pentanone	Hexachloro-butadiene	Aceto-nitrile
MCL		*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*NE*	*1.0*	*NE*
RW-1	Oct-99	1.9	-	-	-	2.1	3.3				11.1
	Feb-00	2.0	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	2.0	<1.0	<10
	Apr-00	2.0	<1.0	<1.0	<1.0	2.0	3.0	25	10	2.0	33
	Oct-00	3.0	2.0	<1.0	<1.0	3.0	2.0	<1.0	<1.0	<1.0	<10
	May-01	<5.0	<5.0	<1.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<10
	Oct-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
Concentrations of compounds detected equal to or greater than the primary drinking water MCL are shaded.
Only compounds detected in one or more samples are included. See the laboratory reports for a complete list of analytes.

TPHms	= Total Petroleum Hydrocarbons as mineral spirits
DCE	= Dichloroethene
DCA	= Dichloroethane
TCA	= Trichloroethane
NA	= Not Analyzed
MCL	= Maximum contaminant level for primary drinking water constituents
NS	= Not Sampled
-	= Not Detected

* The TPHms result is the result of an unknown hydrocarbon consisting of a single peak.
** This sample was collected prior to purging the monitor well.



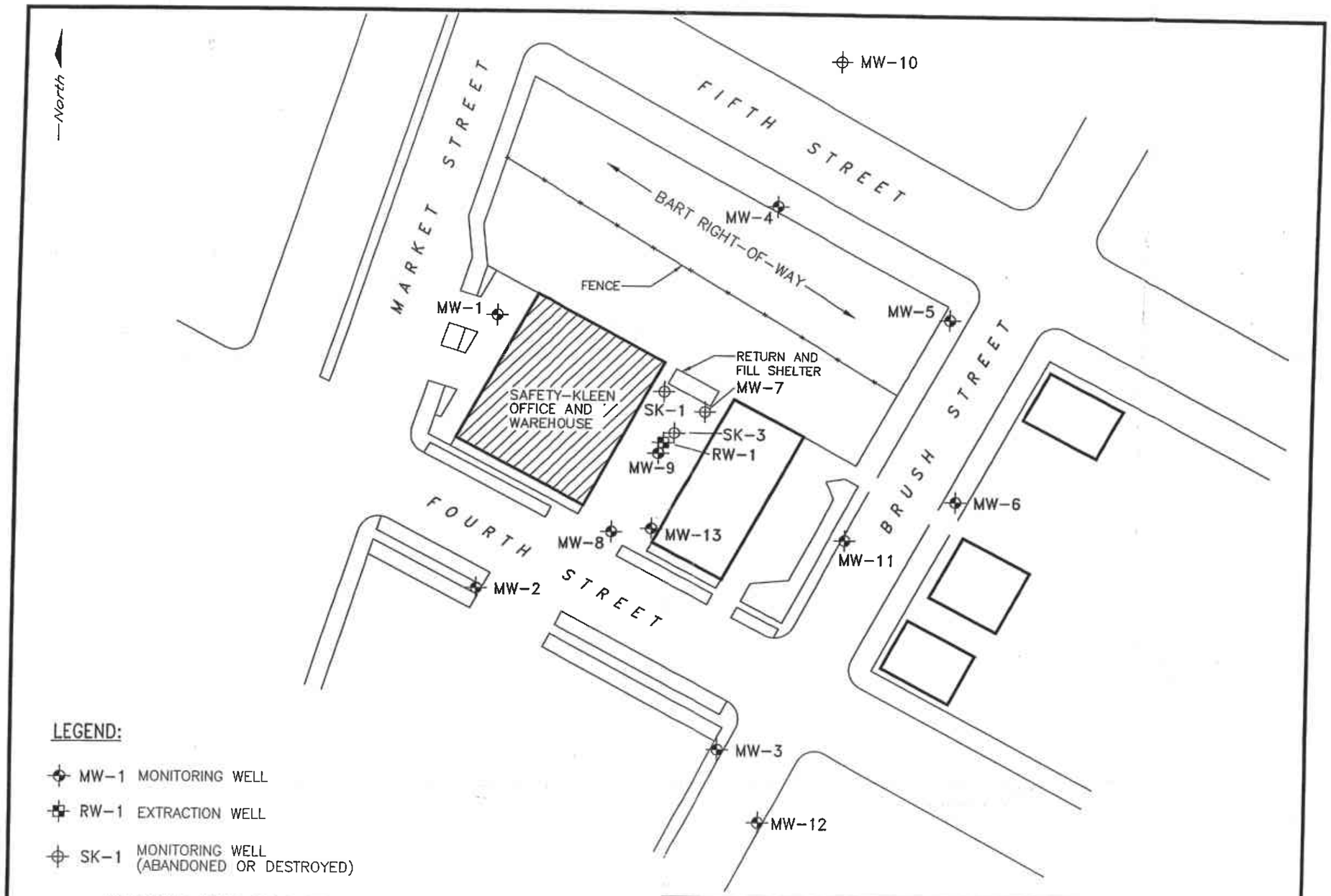
CAMERON-COLE

SAFETY-KLEEN, (OAKLAND), INC.

FIGURE 1
SITE LOCATION MAP

DATE: 12-13-01

DWG NO.: 2208-01



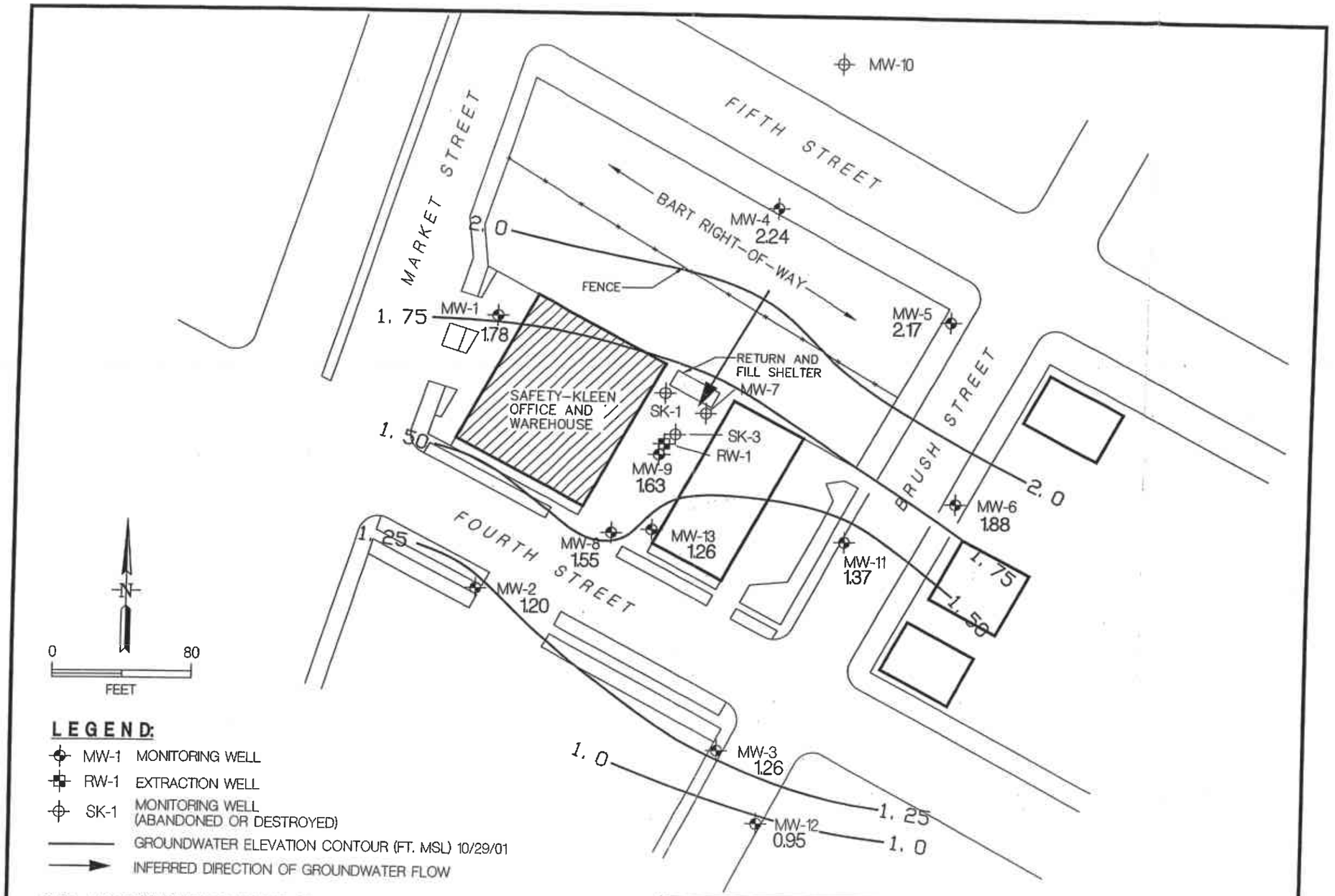
NOTES: MONITORING WELLS SK-1 AND SK-3 AND SOIL BORING SB-1 WERE DRILLED IN MAY 1986. MONITORING WELLS MW-1 THROUGH MW-9 WERE INSTALLED IN JULY 1988. MONITORING WELLS MW-10 THROUGH MW-13 WERE INSTALLED IN AUGUST AND SEPTEMBER 1989. EXTRACTION WELL RW-1 WAS INSTALLED IN JUNE 1990.

CAMERON-COLE

SAFETY-KLEEN SERVICE CENTER

FIGURE 2
400 MARKET ST. - OAKLAND, CA.
SITE PLAN

SCALE	DATE	DWG NO.
1" = 80'	1-04-01	2208-02



LEGEND:

- MW-1 MONITORING WELL
- RW-1 EXTRACTION WELL
- SK-1 MONITORING WELL (ABANDONED OR DESTROYED)
- GROUNDWATER ELEVATION CONTOUR (FT. MSL) 10/29/01
- INFERRED DIRECTION OF GROUNDWATER FLOW

NOTES: MONITORING WELLS SK-1 AND SK-3 AND SOIL BORING SB-1 WERE DRILLED IN MAY 1986. MONITORING WELLS MW-1 THROUGH MW-9 WERE INSTALLED IN JULY 1988. MONITORING WELLS MW-10 THROUGH MW-13 WERE INSTALLED IN AUGUST AND SEPTEMBER 1989. EXTRACTION WELL RW-1 WAS INSTALLED IN JUNE 1990.

CAMERON-COLE

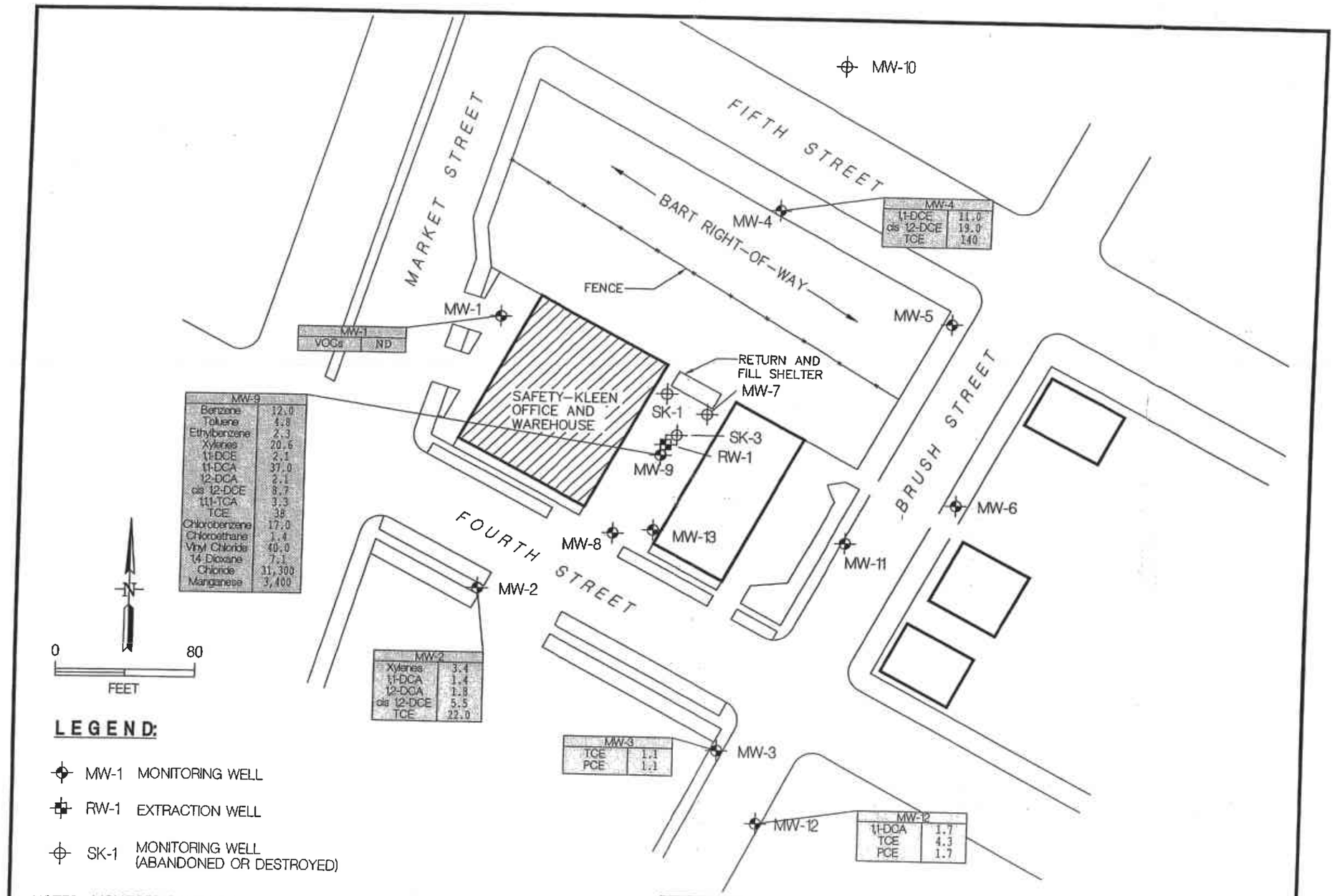
SK (OAKLAND) SERVICE CENTER

FIGURE 3

400 MARKET ST. - OAKLAND, CA.

POTENTIOMETRIC SURFACE ELEVATION CONTOURS

SCALE	DATE	DWG NO.
1" = 80'	1/16/02	2208-04



LEGEND:

- MW-1 MONITORING WELL
- RW-1 EXTRACTION WELL
- SK-1 MONITORING WELL (ABANDONED OR DESTROYED)

NOTES: MONITORING WELLS SK-1 AND SK-3 AND SOIL BORING SB-1 WERE DRILLED IN MAY 1986. MONITORING WELLS MW-1 THROUGH MW-9 WERE INSTALLED IN JULY 1988. MONITORING WELLS MW-10 THROUGH MW-13 WERE INSTALLED IN AUGUST AND SEPTEMBER 1989. EXTRACTION WELL RW-1 WAS INSTALLED IN JUNE 1990.

CAMERON-COLE

SAFETY-KLEEN SERVICE CENTER

FIGURE 4

400 MARKET ST. - OAKLAND, CA.

GROUNDWATER CHEMICAL CONCENTRATIONS (ppb)

SCALE	DATE	DWG NO.
1" = 80'	1/16/02	2208-03

APPENDIX A

SAMPLING EVENT DATA SHEETS / HYDRO DATA SHEET

SAFETY-KLEEN, OAKLAND
FOURTH QUARTER, 2001

DEPTH TO WATER

TECHNICIAN EG/KA

DATE: 10/29/01

NO.	WELL OR LOCATION	DATE	TIME	MEASUREMENT	CODE	COMMENTS
1	MW-1	10/29/01	0925	6.21	SWL	
2	MW-2	↓	0930	7.00	SWL	
3	MW-3		0935	5.40	SWL	
4	MW-4		1005	8.08	SWL	
5	MW-5		1000	8.11	SWL	
6	MW-6		1010	7.09	SWL	
7	MW-8		1015	6.25	SWL	
8	MW-9		1030	6.58	SWL	No oil sheen
9	MW-11		0945	6.54	SWL	
10	MW-12		1045	5.79	SWL	
11	MW-13	↓	1035	6.82	SWL	
12						
13						
14						
15						
17						
20						

CODES: SWL - Static Water Level
OIL - Oil Level
OWI - Oil/Water Interface
MTD - Measured Total Depth

Sampling Event Data Sheet

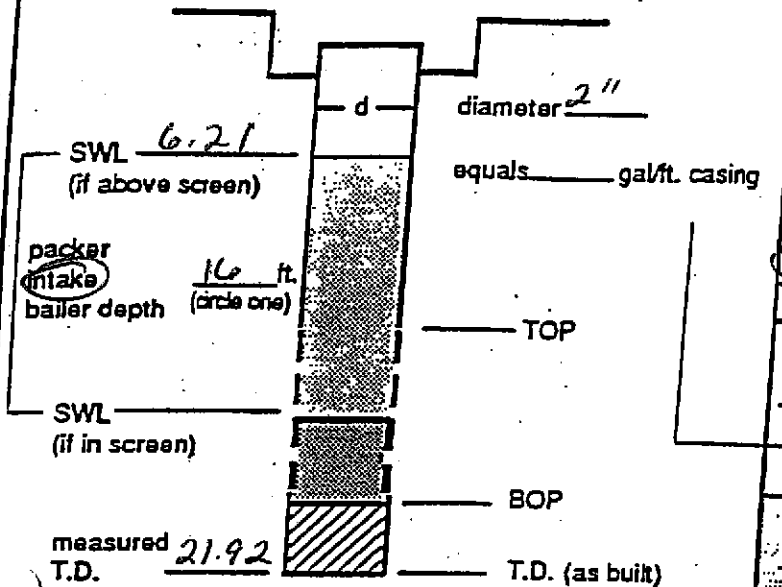
(fill out completely)

WELL OR LOCATION MW-1

PROJECT SK (Oakland) Semi-Annual SAMPLER EG/KA DATE 10-29-01

Well / Hydrologic statistics

Well type MW (MW, EW, etc.)



Action	Time	Pump rate	IWL (pw yield)
Start pump / Begin	1107	0.3 L/min	
Stop			
Sampled	1140		
(Final IWL)			

Purge calculation

____ gal/ft. * ____ ft. = ____ gals x 3 = ____ gals.
(SWL to BOP or packer to BOP) (one volume) (purge volume - 3 casings)

Head purge calculation (Airlift only)

____ gal/ft. * ____ ft. = ____ gals.
packer to SWL

Actual gallons purged ____

Actual volumes purged ____

Well yield ⊕ ____
(see below)

Equipment Used / Sampling Method / Description of Event/Comments:
2" submersible pump to purge and sample by low flow (minimal drawdown) technique

O.R.P. 80 mV

Gallons purged / Water level	TIME (2400hr)	TEMP °C/°F (circle one)	EC (µs/cm)	pH	D.O.	TURBIDITY (NTU)
1. 1.0 / 6.61	1012	20.0	577	6.17	15.12	168
2. 1.1 / 6.61	1015	20.8	556	6.85	15.82	176
3. 1.2 / 6.61	1020	20.9	555	6.96	10.92	124
4. 1.3 / 6.61	1025	20.8	565	6.99	14.6	124
5. 1.4 / 6.61	1030	21.0	561	6.99	9.75	123
6. 1.5 / 6.61	1032	21.2	562	7.01	5.43	140
7. 1.7 / 6.61	1035	21.4	565	7.05	3.36	142
8.						
9.						
1.						
2.						

ake measurement at approximately each

⊕ HY - Minimal W.L drop MY - WL drop - able to purge 3 volumes during one sitting LY - Able to purge 3 VLY - Minimal recharge -

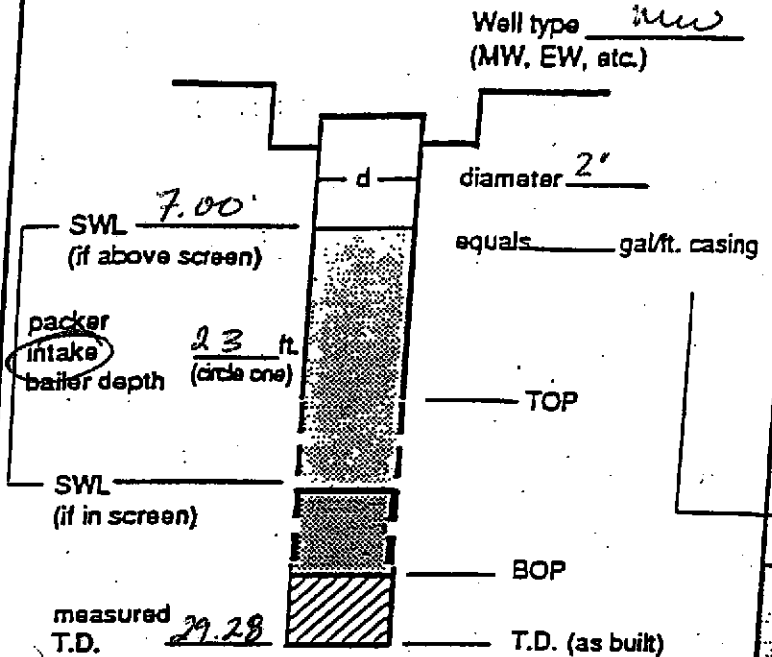
Sampling Event Data Sheet

(fill out completely)

WELL OR LOCATION MW-2

PROJECT St. Oakland, City SAMPLER EG/KA DATE 10-29-01

Well / Hydrologic statistics



Action	Time	Pump rate	IWL (low yield)
Start pump / Begin	1535	0.28 L/min	
Stop			
Sampled	1415	↓	
(Final IWL)			

Purge calculation

_____ gal/ft. * _____ ft. = _____ gals x 3 = _____ gals.

SWL to BOP or packer to BOP | one volume | purge volume - 3 casings

Head purge calculation (Airlift only)

_____ gal/ft. * _____ ft. = _____ gals.

packer to SWL

Actual gallons purged _____

Actual volumes purged _____

Well yield ⊕ _____
(see below)

Equipment Used / Sampling Method / Description of Event/Comments:
2" submersible pump used to purge and sample by low flow (minimal drawdown) recharge

Optimal Hz = 67.3 Hz O.R.P. 130 mV

Gallons purged / DTW	TIME (2400hr)	TEMP °C / °F (circle one)	EC (µs / cm)	pH	D.O. mg/L	TURBIDITY (NTU)
1. 1.0 / 7.40	1540	20.4	744	7.19	12.66	12.01
2. 1.2 / 7.40	1542	21.3	694	7.06	17.55	16.84
3. 1.3 / 7.40	1545	21.3	742	7.03	7.06	13.31
4. 1.5 / 7.4	1548	21.7	742	6.97	10.37	8.24
5. 1.6 / 7.4	1550	21.43	741	6.99	2.87	5.26
6. 1.65 / 7.4	1552	21.5	720	6.96	9.83	7.62
7. 1.7 / 7.4	1554	21.0	741	7.06	2.12	486
8. 1.8 / 7.40	1556	21.5	743	7.06	3.71	5.21
9. 1.9 / 7.40	1558	21.1	748	7.06	2.86	8.45
2.0 / 7.40	1400	21.4	741	7.05	3.41	12.70
1. 2.1 / 7.40	1403	21.5	739	7.05	3.44	10.81
2.						

Take measurement at approximately each

⊕ HY - Minimal W.L. drop | MY - WL drop - able to purge 3 volumes during one sitting | LY - Able to purge 3 volumes by returning | VLY - Minimal recharge -

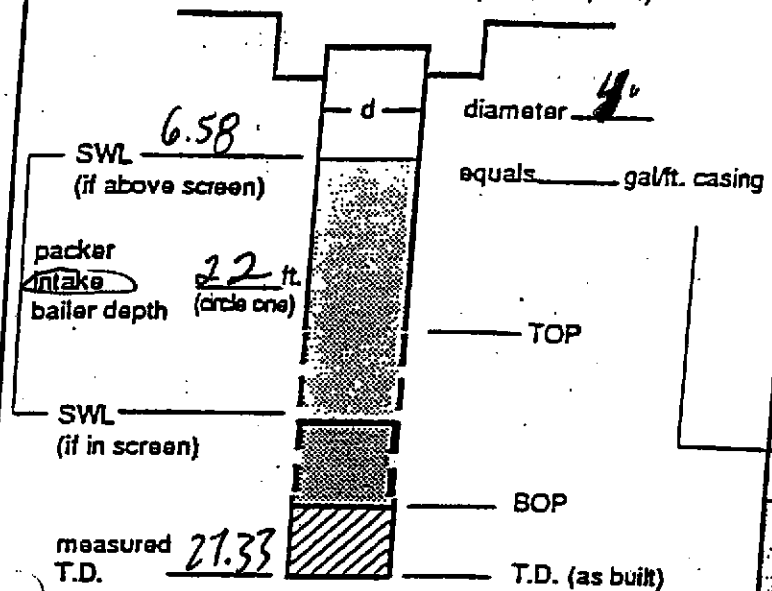
Sampling Event Data Sheet

(fill out completely)

WELL OR LOCATION MW-9

PROJECT SK (OAKLAND) SAMPLER BH DATE 11.01.01

Well / Hydrologic statistics



Action	Time	Pump rate	WL (low yield)
Start pump / Begin	1130	0.26 L/min	
Stop			
Sampled	1150	↓	
(Final IWL)			

Purge calculation

____ gal/ft. * ____ ft. = ____ gals x 3 = ____ gals.

SWL to BOP or packer to BOP | one volume | purge volume- 3 casings

Head purge calculation (Airlift only)

____ gal/ft. * ____ ft. = ____ gals.

packer to SWL

Actual gallons purged ____

Actual volumes purged ____

Well yield ⊕ ____
(see below)

Equipment Used / Sampling Method / Description of Event/Comments:

2" SUBMERSIBLE TO PURGE & SAMPLE
Low-flow purge technique (minimum drawdown)

O.R.P. 60 mV

Gallons purged *	TIME (2400hr)	TEMP °C/°F (circle one)	EC (µs / cm)	pH	D.O.	TURBIDITY (NTU)
1. 1.0 / 5.52'	1140	19.9	1312	6.86	12.26	177
2. 1.1 / 5.52'	1143	20.1	1255	6.87	13.11	168
3. 1.2 / 5.52'	1146	20.0	1278	6.85	12.88	155
4. 1.3 / 5.52'	1149	20.0	1301	6.86	12.76	161
5.						
6.						
7.						
8.						

* Take measurement at approximately each

⊕ HY - Minimal W.L. drop | MY - WL drop - able to purge 3 volumes during one sitting | LY - Able to purge 3 volumes by ____ | VLY - Minimal recharge -

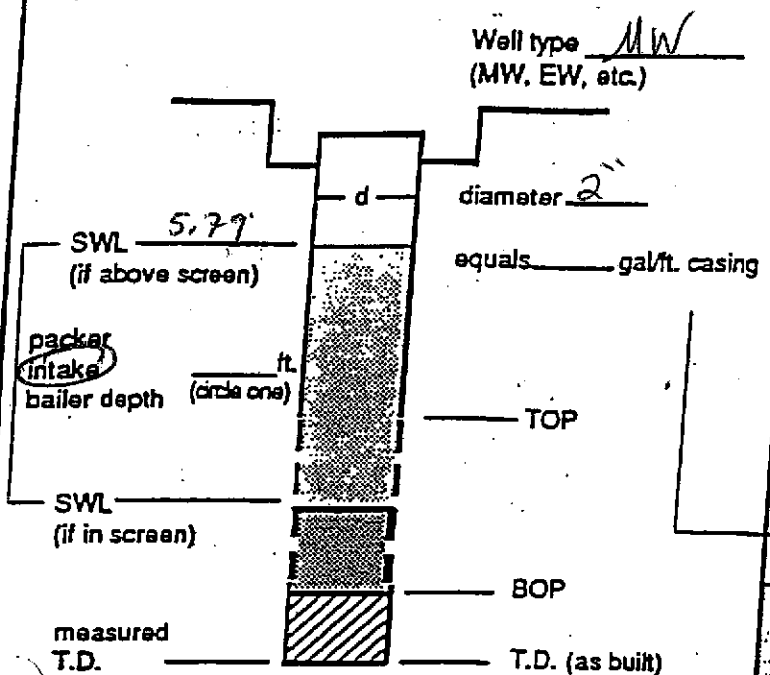
Sampling Event Data Sheet

(fill out completely)

WELL OR LOCATION MW-12

PROJECT SK (Oakland) Semi-Annual / SAMPLER KA, BH DATE 10-30-01

Well / Hydrologic statistics



Action	Time	Pump rate	IWL (bw yield)
Start pump / Begin	1305	0.26 L/m	
Stop			
Sampled	1335		
(Final IWL)			

Purge calculation

____ gal/ft. * ____ ft. = ____ gals x 3 = ____ gals.
SWL to BOP or packer to BOP; one volume; purge volume-3 casings

Head purge calculation (Airlift only)

____ gal/ft. * ____ ft. = ____ gals.
packer to SWL

Actual gallons purged ____

Actual volumes purged ____

Well yield ⊕ ____
(see below)

Equipment Used / Sampling Method / Description of Event/Comments:

Low-flow purge technique (minimum drawdown)
2" submersible pump to purge & sample

O.R.P. 55 mV

Gallons purged / DTW	TIME (2400hr)	TEMP °C/°F (circle one)	EC (µs/cm)	pH	D.O.	TURBIDITY (NTU)
1. 1.0 / 5.41'	1316	19.0	702	6.96	13.43	95
2. 1.1 / 5.41'	1318	19.3	695	6.87	17.89	108
3. 1.2 / 5.41'	1320	19.2	714	6.86	18.42	89
4. 1.3 / 5.41'	1322	19.3	704	6.87	17.95	79
5. 1.4 / 5.41'	1324	19.3	710	6.85	16.98	84
6.						
7.						
8.						
9.						
1.						
2.						

Take measurement at approximately each

⊕ HY - Minimal W.L. drop; MY - WL drop - able to purge 3 volumes during one sitting; LY - Able to purge 3 [illegible]; VLY - Minimal recharge -

APPENDIX B

LABORATORY ANALYTICAL DATA SHEETS AND CHAIN-OF-CUSTODY RECORDS

SEVERN TRENT SERVICES

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605-1500

Tel: 916 373 5600
Fax: 916 371 8420
www.stl-inc.com

November 29, 2001

STL SACRAMENTO PROJECT NUMBER: G1J310264
PO/CONTRACT: 102931

Chris Walsh
Cameron-Cole LLC
101 West Atlantic Avenue
Building #90
Alameda, CA 94501

Dear Mr. Walsh,

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on October 30, 2001. These samples are associated with your SK Oakland project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4414.

Sincerely,

Bonnie J. McNeill
Project Manager

TABLE OF CONTENTS

STL SACRAMENTO PROJECT NUMBER G1J310264

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G1J310264

General Comments

Samples were received at 2 degrees Centigrade.

WATER, 8260B, Volatile Organics, GC/MS

The method blank for batch 1316567 demonstrated high surrogate recovery for 4-bromofluorobenzene. There were no positive hits in this QC sample and thus the data remains unaffected.

Sample(s): 5

High surrogate recoveries for this sample were confirmed by re-analysis and thus attributed to sample matrix.

WATER, 8270C SIM, 1,4-Dioxane
Sample(s): 7

Insufficient volume was available for MS/MSD. An LCS/LCSD was prepared instead.

There were no other anomalies associated with this project.

STL Sacramento

Quality Control Definitions

QC Parameter	Definition
QC Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Duplicate Control Sample (DCS)	Consist of a pair of LCSs analyzed within the same QC batch to monitor precision and accuracy independent of sample matrix effects. This QC is performed only if required by client or when insufficient sample is available to perform MS/MSD.
Duplicate Sample (DU)	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Laboratory Control Sample (LCS)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. An LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried through the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank (MB)	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate Spike	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.

Source: STL Sacramento Laboratory Quality Manual

STL Sacramento Certifications:
Alaska (UST-055), Arizona (#AZ00616), Arkansas, California (NELAP # 01119CA) (ELAP #I-2439), Connecticut (#PH-0691), Florida (E87570), Hawaii, Louisiana (AI # 30612), New Jersey (Lab ID 44005), Nevada (#CA 044), New York (LAB ID 11666 serial # 107407), Oregon (LAB ID CA 044), South Carolina (LAB ID 87014, Cert. # 870140), Utah (E-168), Virginia (#00178), Washington (# C087), West Virginia (# 9930C), Wisconsin (Lab 998204680), USNAVY, USACE, USDA Foreign Plant (Permit # 37-82605), USDA Foreign Soil (Permit # S-46613)..

Sample Summary
G1J310264

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
EM5L1	1	TRIP BLANK	10/29/01 10:00 AM	10/30/01 04:30 PM
EM5MD	2	MW-1	10/29/01 11:40 AM	10/30/01 04:30 PM
EM5MH	3	MW-3	10/29/01 01:10 PM	10/30/01 04:30 PM
EM5MK	4	MW-4	10/29/01 02:30 PM	10/30/01 04:30 PM
EM5MN	5	MW-201	10/29/01 02:40 PM	10/30/01 04:30 PM
EM5MV	6	RB-01	10/29/01 02:45 PM	10/30/01 04:30 PM
EM5M0	7	MW-2	10/29/01 04:15 PM	10/30/01 04:30 PM
EM5M6	9	MW-12	10/30/01 01:35 PM	10/30/01 04:30 PM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must no be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weigh

[redacted]

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-Sacramento

STL-4124 (1200)

Client: Cameron-Cole	Project Manager: Chris Walsh	Date: 10-29-01	Chain of Custody Number: 071557
Address: 101 W. Atlantic Ave Bldg 90	Telephone Number (Area Code)/Fax Number: (510) 337-8660 (Ext. 19)	Lab Number:	Page 1 of 1
City: Alameda / State: CA / Zip Code: 94501	Site Contact: Heather Collins	Lab Contact: Bonnie McNeil	
Project Name and Location (State): Stk (Oakland)	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: STL P.O.# 102931			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8260B	TPH (MS)	8260 SIM	Special Instructions/ Conditions of Receipt
Trip Blank	10-29-01	1000		X						X			X			good
MW-1		1140								X			X			
1		1					X							X		
MW-3		1310								X			X			
1		1					X							X		
MW-4		1430								X			X			
1		1					X							X		
MW-201		1440								X			X			
RB-01		1445								X			X			
MW-2		1615								X			X			
1		1					X							X		
1	1	1					X								X	

As 10-30-01

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Lisa C. Almeda	10-30-01	1500	1. Received By: Brett Broadbelt	10-30-01	1500
2. Relinquished By: Brett Broadbelt	10-30-01	1630	2. Received By: [signature]	10-30-01	1630
3. Relinquished By:	Date	Time	3. Received By:	Date	Time

Comments: Please send invoice and copy of COC to Ms. Sharon Halper @ PO BOX 1471 Benecia, CA 94510

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

(916) 373-5600

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STL-Sacramento

[redacted]

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (1200)

Client	Project Manager	Date	Chain of Custody Number
Cameron-Cole, LLC	Chris Walsh	10-30-01	071559
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
101 W. Atlanta Ave, Bldg #90	(510) 337-8660 ext. 19		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Alameda / CA / 94501	Heather Collins	Bonnie McNeill	
Project Name and Location (State)	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	NH_4Cl	Analysis: 8260 B	TPH (CUS)	8260 SIM*	Manganese	Chloride	Special Instructions/ Conditions of Receipt
* Trip Blank	10-30-01	1000		X						X				X					* 1,4-dioxane only.
MW-12		1335		X						X				X					
				X			X								X				
MW-9		1230		X						X				X					
				X			X								X				
				X			X									X			
				X														KCA	
				X									X				X		
				X			X												
* Trial with larger than 6mm bubble on 10-30-01																			

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☒ 21 Days ☐ Other _____

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Rena C. Abraham	10-30-01	@ 1500	Bret Burkett	10-30-01	1500
2.	Bret Burkett	10-30-01	1630	Cliff Hightower	10-30-01	1730
3.						

Comments

Please send invoice and copy of COC to Ms. Sharon Halpern PO Box 1471 Benicia, CA 94510

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

(916) 373-5600

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WATER, 8260B, Volatile Organics, GC/MS

CAMERON-COLE LLC

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: G1J310264-001 Work Order #...: EM5L11AA Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/07/01 Analysis Date..: 11/07/01
Prep Batch #...: 1313450
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: G1J310264-001 Work Order #...: EM5L11AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	110	(76 - 112)
1,2-Dichloroethane-d4	104	(76 - 118)
Toluene-d8	106	(79 - 115)

CAMERON-COLE LLC

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...: G1J310264-002 Work Order #...: EM5MD1AC Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/08/01 Analysis Date..: 11/08/01
Prep Batch #...: 1313494
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	**1.3**	**1.0**	**ug/L**
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: MW-1

GC/MS Volatiles

Lot-Sample #...: G1J310264-002 Work Order #...: EM5MD1AC Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	112	(76 - 112)
1,2-Dichloroethane-d4	113	(76 - 118)
Toluene-d8	109	(79 - 115)

CAMERON-COLE LLC

Client Sample ID: MW-3

GC/MS Volatiles

Lot-Sample #...: G1J310264-003 Work Order #...: EM5MH1AC Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/08/01 Analysis Date..: 11/08/01
Prep Batch #...: 1313494
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
Trichloroethene	**1.1**	**1.0**	**ug/L**
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	**1.1**	**1.0**	**ug/L**
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: MW-3

GC/MS Volatiles

Lot-Sample #...: G1J310264-003 Work Order #...: EM5MH1AC Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	111	(76 - 112)
1,2-Dichloroethane-d4	113	(76 - 118)
Toluene-d8	108	(79 - 115)

CAMERON-COLE LLC

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: G1J310264-004 Work Order #...: EM5MK2AC Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/09/01 Analysis Date..: 11/09/01
Prep Batch #...: 1316567
Dilution Factor: 10 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND Q	10	ug/L
Vinyl chloride	ND	10	ug/L
Bromomethane	ND	10	ug/L
Chloroethane	ND	10	ug/L
1,1-Dichloroethene	**11**	**10**	**ug/L**
Acetone	ND	20	ug/L
Carbon disulfide	ND	20	ug/L
Methylene chloride	ND	10	ug/L
trans-1,2-Dichloroethene	ND	10	ug/L
1,1-Dichloroethane	ND	10	ug/L
Vinyl acetate	ND	20	ug/L
Chloroform	ND	10	ug/L
1,1,1-Trichloroethane	ND	10	ug/L
Carbon tetrachloride	ND	10	ug/L
Benzene	ND	10	ug/L
1,2-Dichloroethane	ND	10	ug/L
Trichloroethene	**140**	**10**	**ug/L**
1,2-Dichloropropane	ND	10	ug/L
Bromodichloromethane	ND	10	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
4-Methyl-2-pentanone (MIBK)	ND	20	ug/L
Toluene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	ug/L
1,1,2-Trichloroethane	ND	10	ug/L
Tetrachloroethene	ND	10	ug/L
2-Hexanone	ND	20	ug/L
Dibromochloromethane	ND	10	ug/L
Chlorobenzene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
Ethylbenzene	ND	10	ug/L
o-Xylene	ND	10	ug/L
m-Xylene & p-Xylene	ND	10	ug/L
Styrene	ND	10	ug/L
Bromoform	ND	10	ug/L
cis-1,2-Dichloroethene	**19**	**10**	**ug/L**
2-Butanone (MEK)	ND	20	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: G1J310264-004 Work Order #...: EM5MK2AC Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	101	(76 - 112)
1,2-Dichloroethane-d4	103	(76 - 118)
Toluene-d8	97	(79 - 115)

NOTE(S):

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

CAMERON-COLE LLC

Client Sample ID: MW-201

GC/MS Volatiles

Lot-Sample #...: G1J310264-005 Work Order #...: EM5MN2AA Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/09/01 Analysis Date..: 11/09/01
Prep Batch #...: 1316567
Dilution Factor: 10 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND Q	10	ug/L
Vinyl chloride	ND	10	ug/L
Bromomethane	ND	10	ug/L
Chloroethane	ND	10	ug/L
1,1-Dichloroethene	**11**	**10**	**ug/L**
Acetone	ND	20	ug/L
Carbon disulfide	ND	20	ug/L
Methylene chloride	ND	10	ug/L
trans-1,2-Dichloroethene	ND	10	ug/L
1,1-Dichloroethane	ND	10	ug/L
Vinyl acetate	ND	20	ug/L
Chloroform	ND	10	ug/L
1,1,1-Trichloroethane	ND	10	ug/L
Carbon tetrachloride	ND	10	ug/L
Benzene	ND	10	ug/L
1,2-Dichloroethane	ND	10	ug/L
Trichloroethene	**120**	**10**	**ug/L**
1,2-Dichloropropane	ND	10	ug/L
Bromodichloromethane	ND	10	ug/L
cis-1,3-Dichloropropene	ND	10	ug/L
4-Methyl-2-pentanone (MIBK)	ND	20	ug/L
Toluene	ND	10	ug/L
trans-1,3-Dichloropropene	ND	10	ug/L
1,1,2-Trichloroethane	ND	10	ug/L
Tetrachloroethene	ND	10	ug/L
2-Hexanone	ND	20	ug/L
Dibromochloromethane	ND	10	ug/L
Chlorobenzene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
Ethylbenzene	ND	10	ug/L
o-Xylene	ND	10	ug/L
m-Xylene & p-Xylene	ND	10	ug/L
Styrene	ND	10	ug/L
Bromoform	ND	10	ug/L
cis-1,2-Dichloroethene	**16**	**10**	**ug/L**
2-Butanone (MEK)	ND	20	ug/L

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CAMERON-COLE LLC

Client Sample ID: MW-201

GC/MS Volatiles

Lot-Sample #...: G1J310264-005 Work Order #...: EM5MN2AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	115 *	(76 - 112)
1,2-Dichloroethane-d4	119 *	(76 - 118)
Toluene-d8	111	(79 - 115)

NOTE(S):

* Surrogate recovery is outside stated control limits.

The surrogate recovery in the sample is outside control limits due to confirmed matrix effect.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

CAMERON-COLE LLC

Client Sample ID: RB-01

GC/MS Volatiles

Lot-Sample #...: G1J310264-006 Work Order #...: EM5MV1AA Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/07/01 Analysis Date..: 11/07/01
Prep Batch #...: 1313450
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: RB-01

GC/MS Volatiles

Lot-Sample #...: G1J310264-006 Work Order #...: EM5MV1AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	108	(76 - 112)
1,2-Dichloroethane-d4	109	(76 - 118)
Toluene-d8	110	(79 - 115)

CAMERON-COLE LLC

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...: G1J310264-007 Work Order #...: EM5M01AC Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/08/01 Analysis Date..: 11/08/01
Prep Batch #...: 1313494
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	**1.4**	**1.0**	**ug/L**
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
1,2-Dichloroethane	**1.8**	**1.0**	**ug/L**
Trichloroethene	**22**	**1.0**	**ug/L**
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	**1.0**	**1.0**	**ug/L**
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
o-Xylene	**1.1**	**1.0**	**ug/L**
m-Xylene & p-Xylene	**2.3**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	**5.5**	**1.0**	**ug/L**
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...: G1J310264-007 Work Order #...: EM5M01AC Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	110	(76 - 112)
1,2-Dichloroethane-d4	112	(76 - 118)
Toluene-d8	110	(79 - 115)

CAMERON-COLE LLC

Client Sample ID: MW-12

GC/MS Volatiles

Lot-Sample #...: G1J310264-009 Work Order #...: EM5M62AC Matrix.....: WATER
Date Sampled...: 10/30/01 Date Received..: 10/30/01
Prep Date.....: 11/09/01 Analysis Date..: 11/09/01
Prep Batch #...: 1316567
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	**1.7**	**1.0**	**ug/L**
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
Trichloroethene	**4.3**	**1.0**	**ug/L**
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	**1.7**	**1.0**	**ug/L**
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: MW-12

GC/MS Volatiles

Lot-Sample #...: G1J310264-009 Work Order #...: EM5M62AC Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	107	(76 - 112)
1,2-Dichloroethane-d4	116	(76 - 118)
Toluene-d8	103	(79 - 115)

QC DATA ASSOCIATION SUMMARY

G1J310264

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		1313450	
002	WATER	SW846 8260B		1313494	
003	WATER	SW846 8260B		1313494	
004	WATER	SW846 8260B		1316567	
005	WATER	SW846 8260B		1316567	
006	WATER	SW846 8260B		1313450	
007	WATER	SW846 8260B		1313494	
009	WATER	SW846 8260B		1316567	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENNWD1AA Matrix.....: WATER
MB Lot-Sample #: G1K090000-450

Prep Date.....: 11/07/01
Analysis Date..: 11/07/01 Prep Batch #...: 1313450
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Carbon disulfide	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	2.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	111	(76 - 112)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENNWD1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichloroethane-d4	108	(76 - 118)		
Toluene-d8	108	(79 - 115)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENN8V1AA Matrix.....: WATER
MB Lot-Sample #: G1K090000-494

Prep Date.....: 11/08/01
Analysis Date..: 11/08/01 Prep Batch #...: 1313494
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Carbon disulfide	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	2.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	110	(76 - 112)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENN8V1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichloroethane-d4	103	(76 - 118)		
Toluene-d8	109	(79 - 115)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENRPL1AA Matrix.....: WATER
MB Lot-Sample #: G1K120000-567

Prep Date.....: 11/09/01
Analysis Date..: 11/09/01 Prep Batch #...: 1316567
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Carbon disulfide	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	2.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	124 *	(76 - 112)

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 **Work Order #...:** ENRPL1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichloroethane-d4	116	(76 - 118)		
Toluene-d8	115	(79 - 115)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENNWD1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K090000-450 ENNWD1AD-LCSD
Prep Date.....: 11/07/01 Analysis Date..: 11/07/01
Prep Batch #...: 1313450
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	10.0	**9.94**	**ug/L**	**99**	**7.6**	**SW846 8260B**
Benzene	**10.0**	**9.60**	**ug/L**	**96**		**SW846 8260B**
	10.0	**9.38**	**ug/L**	**94**	**2.3**	**SW846 8260B**
Trichloroethene	**10.0**	**9.97**	**ug/L**	**100**		**SW846 8260B**
	10.0	**9.81**	**ug/L**	**98**	**1.6**	**SW846 8260B**
Toluene	**10.0**	**9.68**	**ug/L**	**97**		**SW846 8260B**
	10.0	**9.45**	**ug/L**	**94**	**2.4**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.39**	**ug/L**	**94**		**SW846 8260B**
	10.0	**8.98**	**ug/L**	**90**	**4.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	110	(76 - 112)
	112	(76 - 112)
1,2-Dichloroethane-d4	104	(76 - 118)
	109	(76 - 118)
Toluene-d8	106	(79 - 115)
	108	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENN8V1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K090000-494 ENN8V1AD-LCSD
Prep Date.....: 11/08/01 Analysis Date..: 11/08/01
Prep Batch #...: 1313494
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	10.0	9.86	ug/L	99		SW846 8260B
	10.0	10.1	ug/L	101	2.0	SW846 8260B
Benzene	10.0	9.43	ug/L	94		SW846 8260B
	10.0	9.79	ug/L	98	3.8	SW846 8260B
Trichloroethene	10.0	9.48	ug/L	95		SW846 8260B
	10.0	10.3	ug/L	103	8.7	SW846 8260B
Toluene	10.0	9.48	ug/L	95		SW846 8260B
	10.0	10.0	ug/L	100	5.7	SW846 8260B
Chlorobenzene	10.0	9.16	ug/L	92		SW846 8260B
	10.0	9.42	ug/L	94	2.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	108	(76 - 112)
	110	(76 - 112)
1,2-Dichloroethane-d4	104	(76 - 118)
	110	(76 - 118)
Toluene-d8	105	(79 - 115)
	107	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENRPL1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K120000-567 ENRPL1AD-LCSD
Prep Date.....: 11/09/01 Analysis Date..: 11/09/01
Prep Batch #...: 1316567
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**10.0**	**10.3**	**ug/L**	**103**		**SW846 8260B**
	10.0	**10.2**	**ug/L**	**102**	**0.42**	**SW846 8260B**
Benzene	**10.0**	**9.59**	**ug/L**	**96**		**SW846 8260B**
	10.0	**9.69**	**ug/L**	**97**	**0.96**	**SW846 8260B**
Trichloroethene	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	10.0	**10.1**	**ug/L**	**101**	**0.040**	**SW846 8260B**
Toluene	**10.0**	**9.79**	**ug/L**	**98**		**SW846 8260B**
	10.0	**9.96**	**ug/L**	**100**	**1.7**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.71**	**ug/L**	**97**		**SW846 8260B**
	10.0	**9.91**	**ug/L**	**99**	**2.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	113 *	(76 - 112)
	110	(76 - 112)
1,2-Dichloroethane-d4	115	(76 - 118)
	108	(76 - 118)
Toluene-d8	112	(79 - 115)
	107	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENNWD1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K090000-450 ENNWD1AD-LCSD
Prep Date.....: 11/07/01 Analysis Date..: 11/07/01
Prep Batch #...: 1313450
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**107**	**(79 - 115)**			**SW846 8260B**
	99	**(79 - 115)**	**7.6**	**(0-26)**	**SW846 8260B**
Benzene	**96**	**(85 - 120)**			**SW846 8260B**
	94	**(85 - 120)**	**2.3**	**(0-14)**	**SW846 8260B**
Trichloroethene	**100**	**(78 - 118)**			**SW846 8260B**
	98	**(78 - 118)**	**1.6**	**(0-20)**	**SW846 8260B**
Toluene	**97**	**(82 - 121)**			**SW846 8260B**
	94	**(82 - 121)**	**2.4**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**94**	**(86 - 117)**			**SW846 8260B**
	90	**(86 - 117)**	**4.4**	**(0-15)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	110	(76 - 112)
	112	(76 - 112)
1,2-Dichloroethane-d4	104	(76 - 118)
	109	(76 - 118)
Toluene-d8	106	(79 - 115)
	108	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENN8V1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K090000-494 ENN8V1AD-LCSD
Prep Date.....: 11/08/01 Analysis Date..: 11/08/01
Prep Batch #...: 1313494
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	99	(79 - 115)			SW846 8260B
	101	(79 - 115)	2.0	(0-26)	SW846 8260B
Benzene	94	(85 - 120)			SW846 8260B
	98	(85 - 120)	3.8	(0-14)	SW846 8260B
Trichloroethene	95	(78 - 118)			SW846 8260B
	103	(78 - 118)	8.7	(0-20)	SW846 8260B
Toluene	95	(82 - 121)			SW846 8260B
	100	(82 - 121)	5.7	(0-30)	SW846 8260B
Chlorobenzene	92	(86 - 117)			SW846 8260B
	94	(86 - 117)	2.9	(0-15)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	108	(76 - 112)
	110	(76 - 112)
1,2-Dichloroethane-d4	104	(76 - 118)
	110	(76 - 118)
Toluene-d8	105	(79 - 115)
	107	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G1J310264 Work Order #...: ENRPL1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K120000-567 ENRPL1AD-LCSD
Prep Date.....: 11/09/01 Analysis Date..: 11/09/01
Prep Batch #...: 1316567
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**103**	**(79 - 115)**			**SW846 8260B**
	102	**(79 - 115)**	**0.42**	**(0-26)**	**SW846 8260B**
Benzene	**96**	**(85 - 120)**			**SW846 8260B**
	97	**(85 - 120)**	**0.96**	**(0-14)**	**SW846 8260B**
Trichloroethene	**101**	**(78 - 118)**			**SW846 8260B**
	101	**(78 - 118)**	**0.040**	**(0-20)**	**SW846 8260B**
Toluene	**98**	**(82 - 121)**			**SW846 8260B**
	100	**(82 - 121)**	**1.7**	**(0-30)**	**SW846 8260B**
Chlorobenzene	**97**	**(86 - 117)**			**SW846 8260B**
	99	**(86 - 117)**	**2.0**	**(0-15)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	113 *	(76 - 112)
	110	(76 - 112)
1,2-Dichloroethane-d4	115	(76 - 118)
	108	(76 - 118)
Toluene-d8	112	(79 - 115)
	107	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

WATER, TEPH Mineral Spirits

CAMERON-COLE LLC

Client Sample ID: MW-1

GC Semivolatiles

Lot-Sample #...: G1J310264-002	Work Order #...: EM5MD1AA	Matrix.....: WATER	
Date Sampled...: 10/29/01	Date Received..: 10/30/01		
Prep Date.....: 11/01/01	Analysis Date..: 11/28/01		
Prep Batch #...: 1305409			
Dilution Factor: 1	Method.....: SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Mineral Spirits)	ND	50	ug/L
Unknown Hydrocarbon	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	100	(57 - 147)

CAMERON-COLE LLC

Client Sample ID: MW-3

GC Semivolatiles

Lot-Sample #...: G1J310264-003 Work Order #...: EM5MH1AA Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/01/01 Analysis Date..: 11/28/01
Prep Batch #...: 1305409
Dilution Factor: 1 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Mineral Spirits)	ND	50	ug/L
Unknown Hydrocarbon	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	102	(57 - 147)

CAMERON-COLE LLC

Client Sample ID: MW-4

GC Semivolatiles

Lot-Sample #...: G1J310264-004	Work Order #...: EM5MK1AA	Matrix.....: WATER	
Date Sampled...: 10/29/01	Date Received..: 10/30/01		
Prep Date.....: 11/01/01	Analysis Date..: 11/28/01		
Prep Batch #...: 1305409			
Dilution Factor: 1	Method.....: SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Mineral Spirits)	ND	50	ug/L
Unknown Hydrocarbon	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	103	(57 - 147)

CAMERON-COLE LLC

Client Sample ID: MW-2

GC Semivolatiles

Lot-Sample #...: G1J310264-007 Work Order #...: EM5M01AA Matrix.....: WATER
Date Sampled...: 10/29/01 Date Received..: 10/30/01
Prep Date.....: 11/01/01 Analysis Date..: 11/28/01
Prep Batch #...: 1305409
Dilution Factor: 1 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Mineral Spirits)	ND	50	ug/L
Unknown Hydrocarbon	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	101	(57 - 147)

CAMERON-COLE LLC

Client Sample ID: MW-12

GC Semivolatiles

Lot-Sample #...: G1J310264-009 Work Order #...: EM5M61AA Matrix.....: WATER
Date Sampled...: 10/30/01 Date Received..: 10/30/01
Prep Date.....: 11/01/01 Analysis Date..: 11/28/01
Prep Batch #...: 1305409
Dilution Factor: 1 Method.....: SW846 8015 MOD

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Mineral Spirits)	ND	50	ug/L
Unknown Hydrocarbon	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	107	(57 - 147)

QC DATA ASSOCIATION SUMMARY

G1J310264

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
002	WATER	SW846 8015 MOD		1305409	
003	WATER	SW846 8015 MOD		1305409	
004	WATER	SW846 8015 MOD		1305409	
007	WATER	SW846 8015 MOD		1305409	
009	WATER	SW846 8015 MOD		1305409	

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G1J310264 Work Order #...: EM66P1AA Matrix.....: WATER
MB Lot-Sample #: G1K010000-409

Prep Date.....: 11/01/01
Analysis Date..: 11/28/01 Prep Batch #...: 1305409
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Mineral Spirits)	ND	50	ug/L	SW846 8015 MOD
Unknown Hydrocarbon	ND	50	ug/L	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	102	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G1J310264 Work Order #...: EM66P1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K010000-409 EM66P1AD-LCSD
Prep Date.....: 11/01/01 Analysis Date..: 11/28/01
Prep Batch #...: 1305409
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**300**	**219**	**ug/L**	**73**		**SW846 8015 MOD**
	300	**241**	**ug/L**	**80**	**9.5**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	119	(57 - 147)
	124	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G1J310264 **Work Order #...:** EM66P1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G1K010000-409 EM66P1AD-LCSD
Prep Date.....: 11/01/01 **Analysis Date..:** 11/28/01
Prep Batch #...: 1305409
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**73**	**(39 - 125)**			**SW846 8015 MOD**
	80	**(39 - 125)**	**9.5**	**(0-44)**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	119	(57 - 147)
	124	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

WATER, 8270C SIM, 1,4-Dioxane

CAMERON-COLE LLC

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...: G1J310264-007	Work Order #...: EM5M01AD	Matrix.....: WATER	
Date Sampled...: 10/29/01	Date Received..: 10/30/01		
Prep Date.....: 11/05/01	Analysis Date..: 11/15/01		
Prep Batch #...: 1309487			
Dilution Factor: 1.02	Method.....: SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	48	(30 - 120)
Nitrobenzene-d5	60	(30 - 120)

QC DATA ASSOCIATION SUMMARY

G1J310264

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
007	WATER	SW846 8270C SIM		1309487	

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G1J310264 Work Order #...: ENDQX1AA Matrix.....: WATER
MB Lot-Sample #: G1K050000-487

Prep Date.....: 11/05/01
Analysis Date..: 11/15/01 Prep Batch #...: 1309487
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	1.0	ug/L	SW846 8270C SIM

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(30 - 120)
Nitrobenzene-d5	76	(30 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G1J310264 Work Order #...: ENDQX1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K050000-487 ENDQX1AD-LCSD
Prep Date.....: 11/05/01 Analysis Date..: 11/15/01
Prep Batch #...: 1309487
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dioxane	10.0	4.44	ug/L	44		SW846 8270C SIM
	10.0	4.35	ug/L	44	1.9	SW846 8270C SIM

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(30 - 120)
	53	(30 - 120)
Nitrobenzene-d5	71	(30 - 120)
	69	(30 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G1J310264 Work Order #...: ENDQX1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K050000-487 ENDQX1AD-LCSD
Prep Date.....: 11/05/01 Analysis Date..: 11/15/01
Prep Batch #...: 1309487
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	**44**	**(30 - 120)**			**SW846 8270C SIM**
	44	**(30 - 120)**	**1.9**	**(0-35)**	**SW846 8270C SIM**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(30 - 120)
	53	(30 - 120)
Nitrobenzene-d5	71	(30 - 120)
	69	(30 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

SEVERN TRENT SERVICES

STL Sacramento
880 Riverside Parkway
West Sacramento, CA 95605-1500

Tel: 916 373 5600
Fax: 916 371 8420
www.stl-inc.com

December 28, 2001

STL SACRAMENTO PROJECT NUMBER: G1K020111

Chris Walsh
Cameron-Cole LLC
101 West Atlantic Avenue
Building #90
Alameda, CA 94501

Dear Mr. Walsh,

This report contains the analytical results for the samples received under chain of custody by STL Sacramento on November 1, 2001. These samples are associated with your SK Oakland project.

The test results in this report meet all NELAC requirements for parameters that accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The case narrative is an integral part of this report.

If you have any questions, please feel free to call me at (916) 374-4414.

Sincerely,

Bonnie McNeill

Bonnie J. McNeill
Project Manager

Cc: Sharon Halper, Safety Kleen

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STL SACRAMENTO PROJECT NUMBER G1K020111

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STL SACRAMENTO PROJECT NUMBER G1K020111

CASE NARRATIVE

STL SACRAMENTO PROJECT NUMBER G1K020111

General Comments

Samples were received at 2 degrees Centigrade.

WATER, TEPH Mineral Spirits
Sample(s): 1

There was insufficient sample volume to prepare an MS/MSD pair with this batch. A second LCS was prepared instead.

The LCS2 extract has high diesel fuel and surrogate recovery (diesel fuel at 130% versus the 125% upper control limit, surrogate at 186% versus the 147% upper control limit). The extracts were reanalyzed and the high recoveries were confirmed. The sample also has high surrogate recovery (161%). The sample was re-extracted outside of holding times. In the re-extracted batch all QC is within control limits in the QC and sample extracts. Both sets of data have been reported since the RX was outside of holding times. Unknown hydrocarbon results verify each other.

WATER, 8270C SIM, 1,4-Dioxane
Sample(s): 1

There was insufficient sample volume to prepare an MS/MSD pair with this batch. A second LCS was prepared instead.

There were no other anomalies associated with this project.

STL Sacramento

Quality Control Definitions

QC Parameter	Definition
QC Batch	A set of up to 20 field samples plus associated laboratory QC samples that are similar in composition (matrix) and that are processed within the same time period with the same reagent and standard lots.
Duplicate Control Sample (DCS)	Consist of a pair of LCSs analyzed within the same QC batch to monitor precision and accuracy independent of sample matrix effects. This QC is performed only if required by client or when insufficient sample is available to perform MS/MSD.
Duplicate Sample (DU)	A second aliquot of an environmental sample, taken from the same sample container when possible, that is processed independently with the first sample aliquot. The results are used to assess the effect of the sample matrix on the precision of the analytical process. The precision estimated using this sample is not necessarily representative of the precision for other samples in the batch.
Laboratory Control Sample (LCS)	A volume of reagent water for aqueous samples or a contaminant-free solid matrix (Ottawa sand) for soil and sediment samples which is spiked with known amounts of representative target analytes and required surrogates. An LCS is carried through the entire analytical process and is used to monitor the accuracy of the analytical process independent of potential matrix effects.
Matrix Spike and Matrix Spike Duplicate (MS/MSD)	A field sample fortified with known quantities of target analytes that are also added to the LCS. Matrix spike duplicate is a second matrix spike sample. MSs/MSDs are carried through the entire analytical process and are used to determine sample matrix effect on accuracy of the measurement system. The accuracy and precision estimated using MS/MSD is only representative of the precision of the sample that was spiked.
Method Blank (MB)	A sample composed of all the reagents (in the same quantities) in reagent water carried through the entire analytical process. The method blank is used to monitor the level of contamination introduced during sample preparation steps.
Surrogate Spike	Organic constituents not expected to be detected in environmental media and are added to every sample and QC at a known concentration. Surrogates are used to determine the efficiency of the sample preparation and the analytical process.

Source: STL Sacramento Laboratory Quality Manual

STL Sacramento Certifications:
Alaska (UST-055), Arizona (#AZ00616), Arkansas, California (NELAP # 01119CA) (ELAP #I-2439), Connecticut (#PH-0691), Florida (E87570), Hawaii, Louisiana (AI # 30612), New Jersey (Lab ID 44005), Nevada (#CA 044), New York (LAB ID 11666 serial # 107407), Oregon (LAB ID CA 044), South Carolina (LAB ID 87014, Cert. # 870140), Utah (E-168), Virginia (#00178), Washington (# C087), West Virginia (# 9930C), Wisconsin (Lab 998204680), USNAVY, USACE, USDA Foreign Plant (Permit # 37-82605), USDA Foreign Soil (Permit # S-46613)..

Sample Summary
G1K020111

WO#	Sample #	Client Sample ID	Sampling Date	Received Date
EM8H5	1	MW-9	11/1/01 11:50 AM	11/1/01 05:30 PM
EM8H7	2	TRIP BLANK	11/1/01 08:00 AM	11/1/01 05:30 PM

Notes(s):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must no be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity, pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weigh

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (1200)

Client: CAMERON - COLE	Project Manager: Chris Walsh	Date: 11-1-01	Chain of Custody Number:
Address: 101 W. ATLANTIC Ave. Bldg. 90	Telephone Number (Area Code)/Fax Number: 510-337-8660 ext. 19	Lab Number:	Page 1 of 1
City: Alameda / State: CA / Zip Code: 94501	Site Contact: Heather Collins	Lab Contact: Bonnie M'Neil	
Project Name and Location (State): SK (OAKLAND)	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: STL P.O. # 102931			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	HNO3	Analysis: 8260 B	TPH (MS)	8270 SIM *	Chloride	Manganese										Special Instructions/ Conditions of Receipt
MW-9	11-1-01	1150		X			X							X	X	X	X	X										* 1,4-Dioxane Only
							X																					
							X																					
													X															
										X				X														
TRIP BLANK		0800		X						X				X														
																										GC		

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [ ] 14 Days [X] 21 Days [ ] Other ____

QC Requirements (Specify):

1. Relinquished By: Brady A Hanna	Date: 11-1-01	Time: 1520	1. Received By: Brit Brockett	Date: 11-1-01	Time: 1520
2. Relinquished By: Brit Brockett	Date: 11-1-01	Time: 1730	2. Received By: Cheryl Clyde	Date: 11-1-01	Time: 1800
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

STL-0201-1

STL Sacramento (916) 373-5600

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WATER, 8260B, Volatile Organics, GC/MS

CAMERON-COLE LLC

Client Sample ID: MW-9

GC/MS Volatiles

Lot-Sample #...: G1K020111-001 Work Order #...: EM8H51AC Matrix.....: WATER
Date Sampled...: 11/01/01 Date Received..: 11/01/01
Prep Date.....: 11/13/01 Analysis Date..: 11/13/01
Prep Batch #...: 1318488
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	**40**	**1.0**	**ug/L**
Bromomethane	ND	1.0	ug/L
Chloroethane	**1.4**	**1.0**	**ug/L**
1,1-Dichloroethene	**2.1**	**1.0**	**ug/L**
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	**37**	**1.0**	**ug/L**
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	**3.3**	**1.0**	**ug/L**
Carbon tetrachloride	ND	1.0	ug/L
Benzene	**12**	**1.0**	**ug/L**
1,2-Dichloroethane	**2.1**	**1.0**	**ug/L**
Trichloroethene	**38**	**1.0**	**ug/L**
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	**4.8**	**1.0**	**ug/L**
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	**17**	**1.0**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	**2.3**	**1.0**	**ug/L**
o-Xylene	**17**	**1.0**	**ug/L**
m-Xylene & p-Xylene	**3.6**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	**8.7**	**1.0**	**ug/L**
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: MW-9

GC/MS Volatiles

Lot-Sample #...: G1K020111-001 Work Order #...: EM8H51AC Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	104	(76 - 112)
1,2-Dichloroethane-d4	113	(76 - 118)
Toluene-d8	103	(79 - 115)

CAMERON-COLE LLC

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: G1K020111-002 Work Order #...: EM8H71AA Matrix.....: WATER
Date Sampled...: 11/01/01 Date Received..: 11/01/01
Prep Date.....: 11/13/01 Analysis Date..: 11/14/01
Prep Batch #...: 1318488
Dilution Factor: 1 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chloromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Acetone	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Methylene chloride	**5.7**	**1.0**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
Vinyl acetate	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L
Toluene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	2.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
o-Xylene	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
2-Butanone (MEK)	ND	2.0	ug/L

(Continued on next page)

CAMERON-COLE LLC

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: G1K020111-002 Work Order #...: EM8H71AA Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	98	(76 - 112)
1,2-Dichloroethane-d4	99	(76 - 118)
Toluene-d8	103	(79 - 115)

QC DATA ASSOCIATION SUMMARY

G1K020111

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		1318488	
002	WATER	SW846 8260B		1318488	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1K020111 **Work Order #...:** EN0G81AA **Matrix.....:** WATER
MB Lot-Sample #: G1K140000-488

Prep Date.....: 11/13/01
Analysis Date..: 11/13/01 **Prep Batch #...:** 1318488
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloromethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	2.0	ug/L	SW846 8260B
Carbon disulfide	ND	2.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Vinyl acetate	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone (MIBK)	ND	2.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	2.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	105	(76 - 112)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: G1K020111 Work Order #...: EN0G81AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2-Dichloroethane-d4	104	(76 - 118)		
Toluene-d8	107	(79 - 115)		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: G1K020111 Work Order #...: EN0G81AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K140000-488 EN0G81AD-LCSD
Prep Date.....: 11/13/01 Analysis Date..: 11/13/01
Prep Batch #...: 1318488
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1-Dichloroethene	**10.0**	**9.21**	**ug/L**	**92**		**SW846 8260B**
	10.0	**10.0**	**ug/L**	**100**	**8.5**	**SW846 8260B**
Benzene	**10.0**	**9.71**	**ug/L**	**97**		**SW846 8260B**
	10.0	**10.5**	**ug/L**	**105**	**7.6**	**SW846 8260B**
Trichloroethene	**10.0**	**9.28**	**ug/L**	**93**		**SW846 8260B**
	10.0	**10.4**	**ug/L**	**104**	**11**	**SW846 8260B**
Toluene	**10.0**	**9.52**	**ug/L**	**95**		**SW846 8260B**
	10.0	**10.1**	**ug/L**	**101**	**5.8**	**SW846 8260B**
Chlorobenzene	**10.0**	**9.71**	**ug/L**	**97**		**SW846 8260B**
	10.0	**10.3**	**ug/L**	**103**	**5.6**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(76 - 112)
	107	(76 - 112)
1,2-Dichloroethane-d4	107	(76 - 118)
	113	(76 - 118)
Toluene-d8	95	(79 - 115)
	103	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: G1K020111 Work Order #...: EN0G81AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K140000-488 EN0G81AD-LCSD
Prep Date.....: 11/13/01 Analysis Date..: 11/13/01
Prep Batch #...: 1318488
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	92	(79 - 115)			SW846 8260B
	100	(79 - 115)	8.5	(0-26)	SW846 8260B
Benzene	97	(85 - 120)			SW846 8260B
	105	(85 - 120)	7.6	(0-14)	SW846 8260B
Trichloroethene	93	(78 - 118)			SW846 8260B
	104	(78 - 118)	11	(0-20)	SW846 8260B
Toluene	95	(82 - 121)			SW846 8260B
	101	(82 - 121)	5.8	(0-30)	SW846 8260B
Chlorobenzene	97	(86 - 117)			SW846 8260B
	103	(86 - 117)	5.6	(0-15)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(76 - 112)
	107	(76 - 112)
1,2-Dichloroethane-d4	107	(76 - 118)
	113	(76 - 118)
Toluene-d8	95	(79 - 115)
	103	(79 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

WATER, TEPH *Mineral Spirits*

CAMERON-COLE LLC

Client Sample ID: MW-9

GC Semivolatiles

Lot-Sample #...: G1K020111-001	Work Order #...: EM8H51AA		Matrix.....: WATER
Date Sampled...: 11/01/01	Date Received..: 11/01/01		
Prep Date.....: 11/05/01	Analysis Date..: 11/28/01		
Prep Batch #...: 1309332			
Dilution Factor: 5	Method.....: SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Mineral Spirits)	ND Q	250	ug/L
Unknown Hydrocarbon	2100	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	161 *	(57 - 147)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

The unknown from n-C09 to n-C19 is quantitated based on a mineral spirits standard from n-C08 to n-C13.

CAMERON-COLE LLC

Client Sample ID: MW-9

GC Semivolatiles

Lot-Sample #...: G1K020111-001	Work Order #...: EM8H52AA	Matrix.....: WATER	
Date Sampled...: 11/01/01	Date Received..: 11/01/01		
Prep Date.....: 11/29/01	Analysis Date..: 12/03/01		
Prep Batch #...: 1333255			
Dilution Factor: 5	Method.....: SW846 8015 MOD		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Mineral Spirits)	ND Q	250	ug/L
Unknown Hydrocarbon	1800	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	118	(57 - 147)

NOTE(S):

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

The unknown from n-C09 to n-C19 is quantitated based on a mineral spirits standard from n-C08 to n-C13.

QC DATA ASSOCIATION SUMMARY

G1K020111

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 300.0A		1316603	1316266
	WATER	SW846 8270C SIM		1309487	
	WATER	SW846 8015 MOD		1309332	
	WATER	SW846 8015 MOD		1333255	
	WATER	SW846 8260B		1318488	
	WATER	SW846 6010B		1313425	1313221
002	WATER	SW846 8260B		1318488	

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G1K020111 Work Order #...: ENDGG1AA Matrix.....: WATER
MB Lot-Sample #: G1K050000-332

Prep Date.....: 11/05/01
Analysis Date..: 11/28/01 Prep Batch #...: 1309332
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Mineral Spirits)	ND	50	ug/L	SW846 8015 MOD
Unknown Hydrocarbon	ND	50	ug/L	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	106	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: G1K020111 Work Order #...: EPMX21AA Matrix.....: WATER
MB Lot-Sample #: G1K290000-255

Prep Date.....: 11/29/01
Analysis Date..: 12/03/01 Prep Batch #...: 1333255
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Mineral Spirits)	ND	50	ug/L	SW846 8015 MOD
Unknown Hydrocarbon	ND	50	ug/L	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	97	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G1K020111 Work Order #...: ENDGG1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: G1K050000-332 ENDGG1AD-LCSD
Prep Date.....: 11/05/01 Analysis Date..: 11/28/01
Prep Batch #...: 1309332
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	300	266	ug/L	89		SW846 8015 MOD
	300	391 a	ug/L	130	38	SW846 8015 MOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	114	(57 - 147)
	186 *	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: G1K020111 **Work Order #...:** EPMX21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G1K290000-255 EPMX21AD-LCSD
Prep Date.....: 11/29/01 **Analysis Date..:** 12/03/01
Prep Batch #...: 1333255
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
TPH (as Diesel)	**300**	**240**	**ug/L**	**80**		**SW846 8015 MOD**
	300	**249**	**ug/L**	**83**	**3.7**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	109	(57 - 147)
	113	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G1K020111 **Work Order #...:** ENDGG1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G1K050000-332 ENDGG1AD-LCSD
Prep Date.....: 11/05/01 **Analysis Date..:** 11/28/01
Prep Batch #...: 1309332
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**89**	**(39 - 125)**			**SW846 8015 MOD**
	130 a	**(39 - 125)**	**38**	**(0-44)**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	114	(57 - 147)
	186 *	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: G1K020111 **Work Order #...:** EPMX21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G1K290000-255 EPMX21AD-LCSD
Prep Date.....: 11/29/01 **Analysis Date..:** 12/03/01
Prep Batch #...: 1333255
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Diesel)	**80**	**(39 - 125)**			**SW846 8015 MOD**
	83	**(39 - 125)**	**3.7**	**(0-44)**	**SW846 8015 MOD**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	109	(57 - 147)
	113	(57 - 147)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

WATER, 8270C SIM, 1,4-Dioxane

CAMERON-COLE LLC

Client Sample ID: MW-9

GC/MS Semivolatiles

Lot-Sample #...: G1K020111-001	Work Order #...: EM8H51AD	Matrix.....: WATER	
Date Sampled...: 11/01/01	Date Received..: 11/01/01		
Prep Date.....: 11/05/01	Analysis Date..: 11/15/01		
Prep Batch #...: 1309487			
Dilution Factor: 0.95	Method.....: SW846 8270C SIM		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,4-Dioxane	7.1	0.95	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	64	(30 - 120)
Nitrobenzene-d5	69	(30 - 120)

QC DATA ASSOCIATION SUMMARY

G1K020111

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 300.0A		1316603	1316266
	WATER	SW846 8270C SIM		1309487	
	WATER	SW846 8015 MOD		1309332	
	WATER	SW846 8260B		1318488	
	WATER	SW846 6010B		1313425	1313221
002	WATER	SW846 8260B		1318488	

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: G1K020111 Work Order #...: ENDQX1AA Matrix.....: WATER
MB Lot-Sample #: G1K050000-487

Prep Date.....: 11/05/01
Analysis Date..: 11/15/01 Prep Batch #...: 1309487
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,4-Dioxane	ND	1.0	ug/L	SW846 8270C SIM

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(30 - 120)
Nitrobenzene-d5	76	(30 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: G1K020111 **Work Order #...:** ENDQX1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G1K050000-487 ENDQX1AD-LCSD
Prep Date.....: 11/05/01 **Analysis Date..:** 11/15/01
Prep Batch #...: 1309487
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dioxane	10.0	4.44	ug/L	44		SW846 8270C SIM
	10.0	4.35	ug/L	44	1.9	SW846 8270C SIM

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(30 - 120)
	53	(30 - 120)
Nitrobenzene-d5	71	(30 - 120)
	69	(30 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: G1K020111 **Work Order #...:** ENDQX1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: G1K050000-487 ENDQX1AD-LCSD
Prep Date.....: 11/05/01 **Analysis Date..:** 11/15/01
Prep Batch #...: 1309487
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dioxane	44	(30 - 120)			SW846 8270C SIM
	44	(30 - 120)	1.9	(0-35)	SW846 8270C SIM

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(30 - 120)
	53	(30 - 120)
Nitrobenzene-d5	71	(30 - 120)
	69	(30 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

WATER, Manganese, 6010B

CAMERON-COLE LLC

Client Sample ID: MW-9

TOTAL Metals

Lot-Sample #...: G1K020111-001 Matrix.....: WATER
Date Sampled...: 11/01/01 Date Received..: 11/01/01

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 1313425						
Manganese	3.4	0.015	mg/L	SW846 6010B	11/09-11/10/01	KM8H51AE

QC DATA ASSOCIATION SUMMARY

G1K020111

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 6010B		1313425	1313221

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: G1K020111 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: G1K090000-425 **Prep Batch #...:** 1313425						
Manganese	ND	0.015	mg/L	SW846 6010B	11/09-11/10/01	ENNR01AU

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G1K020111 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G1K090000-425 **Prep Batch #...:** 1313425							
Manganese	0.500	0.524	mg/L	105	SW846 6010B	11/09-11/10/01	ENNR01CP

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G1K020111 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: G1K090000-425 **Prep Batch #...:** 1313425					
Manganese	105	(87 - 113)	SW846 6010B	11/09-11/10/01	ENNR01CP

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: G1K020111 **Matrix.....:** WATER
Date Sampled...: 10/31/01 **Date Received..:** 11/02/01

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G1K020294-021 **Prep Batch #...:** 1313425									
Manganese									
	ND	0.500	0.509	mg/L	102		SW846 6010B	11/09-11/10/01	EM99X1DE
	ND	0.500	0.516	mg/L	103	1.4	SW846 6010B	11/09-11/10/01	EM99X1DF

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: G1K020111 **Matrix.....:** WATER
Date Sampled...: 10/31/01 **Date Received..:** 11/02/01

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: G1K020294-021 **Prep Batch #...:** 1313425							
Manganese	102	(87 - 113)			SW846 6010B	11/09-11/10/01	EM99X1DE
	103	(87 - 113)	1.4	(0-20)	SW846 6010B	11/09-11/10/01	EM99X1DF

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

WATER, 300.0A, Chloride

CAMERON-COLE LLC

Client Sample ID: MW-9

General Chemistry

Lot-Sample #...: G1K020111-001 Work Order #...: EM8H5 Matrix.....: WATER
Date Sampled...: 11/01/01 11:50 Date Received..: 11/01/01 17:30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	31.3 Q	5.0	mg/L	MCAWW 300.0A	11/09/01	1316603

Analysis Time..: 17:03

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

QC DATA ASSOCIATION SUMMARY

G1K020111

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 300.0A		1316603	1316266

METHOD BLANK REPORT

General Chemistry

Client Lot #...: G1K020111 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: ENRWK1AA		MB Lot-Sample #:	G1K120000-603	
	ND	1.0	mg/L	MCAWW 300.0A	11/09/01	1316603
		Analysis Time..: 12:30				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: G1K020111 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			Work Order #: ENRWK1AC		LCS Lot-Sample#:	G1K120000-603	
	10.0	9.75	mg/L	98	MCAWW 300.0A	11/09/01	1316603
			Analysis Time..: 12:16				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: G1K020111 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: ENRWK1AC	LCS Lot-Sample#: G1K120000-603		
	98	(90 - 110)	MCAWW 300.0A	11/09/01	1316603
		Analysis Time..: 12:16			

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: G1K020111 **Matrix.....:** WATER
Date Sampled...: 11/01/01 11:50 **Date Received..:** 11/01/01 17:30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride			WO#: EM8H51AG-MS/EM8H51AH-MSD				MS Lot-Sample #: G1K020111-001		
	31.3	100	133	mg/L	102		MCAWW 300.0A	11/09/01	1316603
	31.3	100	132	mg/L	101	0.91	MCAWW 300.0A	11/09/01	1316603

Analysis Time..: 18:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: G1K020111 **Matrix.....:** WATER
Date Sampled...: 11/01/01 11:50 **Date Received..:** 11/01/01 17:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		WO#: EM8H51AG-MS/EM8H51AH-MSD				MS Lot-Sample #: G1K020111-001	
	102	(90 - 110)			MCAWW 300.0A	11/09/01	1316603
	101	(90 - 110)	0.91	(0-10)	MCAWW 300.0A	11/09/01	1316603

Analysis Time..: 18:28

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

APPENDIX C
ACCEPTANCE-REJECTION CRITERIA

ACCEPTANCE - REJECTION CRITERIA

The EPA has established acceptance-rejection criteria for duplicate and replicate samples for the analysis of inorganic compounds ("Laboratory Data Validation - Functional Guidelines for Evaluating Inorganic Analyses", 1988). These criteria were then modified for the analysis of VOCs. To determine whether duplicate or replicate sample results are acceptable, the relative percent difference (RPD) is calculated.

The RPD is defined as: $(|X - Y| / \text{Average of X and Y}) * 100$; or

$(|X - Z| / \text{Average of X and Z}) * 100$

X = primary sample result

Y = duplicate sample result

Z = replicate sample result

A duplicate or replicate sample result meets the acceptance criteria if:

- the relative percent difference (RPD) is below 20 percent. (If the RPD falls between 20 and 50 percent, the data is accepted but the percent difference is noted. If the RPD exceeds 50 percent the data is rejected.); and

- the sample concentration is five times higher than the quantitation limit. (The quantitation limit is provided by the analytical laboratory for each compound and is typically 2 to 5 times the method detection limit of the specific analysis.)

Since relatively small differences between low VOC concentrations will result in high RPDs, the criteria is not applied to concentrations below 10 parts per billion.