

June 28, 2001

Via Certified Mail No. Z 264 569 801

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

#  
3279

Re: **Quarterly Progress Report**  
**March through May 2001**  
**Safety-Kleen Systems, Inc., Service Center**  
**400 Market Street**  
**Oakland, California**

Dear Ms. Baker:

Enclosed are two copies of the Quarterly Progress Report, which presents the groundwater monitoring data for the above-referenced facility. This report covers the period of March through May 2001. Safety-Kleen Systems, Inc. (Safety-Kleen) is following the modified groundwater sampling schedule as described in the letter submitted on October 8, 1998. The sampling schedule was modified and approved by Alameda County Environmental Health Services in a response letter dated November 17, 1998, with the exception that monitoring well MW-9 continue to be sampled quarterly, if no sheen or product is present.

If you have any questions or require any additional information, please contact Sharon Halper with Safety-Kleen at (707) 748-7507 or myself at (925) 686-9780.

Sincerely,



Greg Hoehn

Principal Geologist  
SECOR International Incorporated

Enclosure

cc: Aaron Yue, DTSC  
Steven LuQuire, Safety-Kleen  
Heather Collins, Safety-Kleen  
Sharon Halper, Safety-Kleen  
Branch Environmental File (999)  
Larry Seto, Alameda County Environmental Health Services  
Loretta Barsamian, California Regional Water Quality Control Board



ENVIRONMENTAL  
PROTECTION

00 JUL -7 PM 3:58

June 29, 2000

Via FedEx Airbill No. 7911 0641 0143

Mr. Robert M. Senga  
California Environmental Protection Agency  
Department of Toxic Substances Control  
Southern California Region  
5796 Corporate Avenue  
Cypress, California 90630

**Re: Quarterly Progress Report  
March through May 2000  
Safety-Kleen Systems, Inc., Service Center  
400 Market Street  
Oakland, California  
EPA ID No. CAD 053044053**

Dear Mr. Senga:

Safety-Kleen Systems, Inc. (Safety-Kleen) is submitting three copies of this Quarterly Progress Report for your review for the period of **March through May 2000**. This Quarterly Progress Report has been prepared in accordance with Section IV of the Hazardous Waste Facility Permit and presents the activities conducted during the second quarter 2000 (March through May). The Quarterly Progress Report is separated into two sections presented below: (1) activities performed during the second quarter 2000, and (2) activities to be performed during the third quarter 2000.

#### **Activities Performed During Second Quarter 2000 - March through May**

On April 6, 2000, Safety-Kleen submitted the Corrective Measures Study (CMS) Work Plan. The CMS Work Plan was prepared in response to the Department of Toxic Substances Control (DTSC) request in a letter dated January 24, 2000. The DTSC requested the CMS Work Plan be prepared after reviewing the Corrective Measures Report dated December 2, 1996. The CMS Work Plan has been prepared to summarize the corrective measures that Safety-Kleen has completed to date. Included as an appendix to the CMS Work Plan is a work plan that describes the procedures to perform a site-specific risk assessment.

On April 26, 2000, Safety-Kleen received a letter from the Alameda County Health Care Services Agency (ACHCSA) regarding the sampling of well MW-9. The ACHCSA letter indicated that well MW-9 is on a quarterly sampling schedule and requested the results of the first quarter 2000 sampling of the well.

I:\Safety-Kleen\Oakland\50914\Oak 2q00 ltr rpt.doc  
June 29, 2000



Well MW-9 was not sampled during the first quarter 2000 due to the presence of a sheen in the well. In accordance with Safety-Kleen's letter dated December 18, 1998, it was agreed that "well MW-9 will be sampled quarterly, unless a sheen or separate-phase product is present in the well, in which case the well will not be sampled." A copy of the December 18, 1998 letter is attached.

On April 26, 2000, a quarterly groundwater gauging and semi-annual groundwater sampling event was performed. Wells MW-1 through MW-6, MW-8, MW-9, MW-12 and well MW-13 were sampled for TPH as mineral spirits using EPA Method 8015 (modified) and for volatile organic compounds (VOCs) using EPA Method 8260. Additionally, as part of the ongoing in-situ chemical oxidation pilot study, wells MW-8, MW-9 and MW-13 were analyzed for the presence of manganese by EPA Method 6010 and for chloride by EPA Method 9253. A copy of the laboratory report for the April 26, 2000 sampling event is attached. The results of the groundwater monitoring and sampling event will be presented on figures and summarized in tables in the next quarterly report (scheduled for submittal on or before September 30, 2000).

#### **Activities To Be Performed During Third Quarter 2000 - June through August**

The following items will be completed during the third quarter 2000:

- Measure depth to groundwater in each of the site monitoring wells in July. If no sheen is present on the water table in well MW-9, it will be sampled and analyzed for TPHms and for VOCs.
- Collect additional data to evaluate the effectiveness of the in-situ chemical oxidation pilot study.
- Prepare a quarterly progress report incorporating the sampling data from the April 26, 2000 sampling event.

If you have any questions or require additional information regarding this Quarterly Progress Report, please contact me at (505) 341-3866.

**CERTIFICATION STATEMENT**  
**Quarterly Progress Report**  
**Safety-Kleen Systems, Inc. Service Center**  
**400 Market Street**  
**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.



Sara C. Brothers, CPG  
Senior Project Manager - Remediation  
Safety-Kleen Systems, Inc.

6/29/00  
Date

Attachments

cc: Steven LuQuire, Safety-Kleen  
Heather Collins, Safety-Kleen  
Branch Environmental File (999)  
Larry Seto, Alameda County Environmental Health Services  
Loretta Barsamian, California Regional Water Quality Control Board  
Greg Hoehn, SECOR International Incorporated



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Report Number: **121258**

Project: Oakland CA, Project #007.50914.002

Prepared For:

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers

May 17, 2000

P.O. No. 101651

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Project Manager

Quality Assurance

cc: Mr. Greg Hoehn  
Secor

Analytical Services Inc., Norcross Laboratory maintains the following certifications, approvals, and accreditations: Georgia Laboratory Certification No.'s: 812/351/1301; Alabama Laboratory I.D. No.: 41090; Arkansas Certification; California Laboratory Certification No.:2290; Connecticut Laboratory I.D. No.: PH-0250; Florida Certification No.'s: 87403/E87315 and Florida QA Plan No.: 910158G; National Sanitation Foundation International Certification No.: 04180; North Carolina Certification No.: 381; North Dakota Certification No.: R-116; Oklahoma Laboratory I.D. 9907; South Carolina Laboratory I.D. No.: 98011; Tennessee Laboratory I.D. No.: 02994; United States Army Corps of Engineers-MRD Certification; USDA Soil Import License No.: S-36027; and Virginia Laboratory I.D. No.: 00026. All analysis performed by or under the supervision of a Georgia Drinking Water or Wastewater Certified Analyst. Analyst certification numbers available upon request.

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# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-1

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, EB-1, 04/26/2000, 9:30, received 04/28/2000

### Analytical Method

### Analyte

### Result

### Detection Limit

### Units

#### Volatile Organics

EPA 8260B	Acetone	6BE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	1	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	6	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit

B - Found in laboratory blank

E - Estimated concentration

## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, EB-1, 04/26/2000, 9:30, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	1	1	ug/L
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	BDL	1	ug/L

BDL - Below Detection Limit  
 B - Found in laboratory blank  
 E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, EB-1, 04/26/2000, 9:30, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	BDL	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L





# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-2

P.O. No. 101651

May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-13, 04/26/2000, 10:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>General Chemistry</b>				
EPA 9253	Chloride (Cl)	81	10	mg/L
<b>Metals</b>				
EPA 6010	Total Manganese (Mn)	0.12	0.015	mg/L
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	2	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	1	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-13, 04/26/2000, 10:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methyl methacrylate	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-13, 04/26/2000, 10:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	BDL	1	ug/L
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	BDL	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-3

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-3, 04/26/2000, 11:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	2	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-3, 04/26/2000, 11:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	BDL	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-3, 04/26/2000, 11:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	1	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-4

P.O. No. 101651

May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-1, 04/26/2000, 12:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	2	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-1, 04/26/2000, 12:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	BDL	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration



**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-1, 04/26/2000, 12:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	1	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-5

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-6, 04/26/2000, 13:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	2	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-6, 04/26/2000, 13:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	BDL	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-6, 04/26/2000, 13:00, received 04/28/2000

<b>Analytical Method</b>	<b>Analyte</b>	<b>Result</b>	<b>Detection Limit</b>	<b>Units</b>
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	1	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-6

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-5, 04/26/2000, 14:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	2	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	8	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-5, 04/26/2000, 14:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	2	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-5, 04/26/2000, 14:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	1	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-7

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-2, 04/26/2000, 14:40, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	1	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration



## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-2, 04/26/2000, 14:40, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	BDL	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-2, 04/26/2000, 14:40, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	1	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-8

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-12, 04/26/2000, 15:20, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	1	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-12, 04/26/2000, 15:20, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	1	1	ug/L
EPA 8260B	1,2-Dichloroethane	1	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	1	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L
EPA 8260B	Toluene	1	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	12	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-12, 04/26/2000, 15:20, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	BDL	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L

BDL - Below Detection Limit  
E - Estimated concentration



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-9

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-4, 04/26/2000, 16:00, received 04/28/2000

### Analytical

Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	BDLE	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	2	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	BDL	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-4, 04/26/2000, 16:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	BDL	1	ug/L
EPA 8260B	1,2-Dichloroethane	BDL	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	7	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	13	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	82	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-4, 04/26/2000, 16:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	BDL	0.5	ug/L
EPA 8260B	m+p-Xylene	1	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L





# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-10

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-8, 04/26/2000, 17:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>General Chemistry</b>				
EPA 9253	Chloride (Cl)	62	10	mg/L
<b>Metals</b>				
EPA 6010	Total Manganese (Mn)	0.26	0.015	mg/L
<b>Volatile Organics</b>				
EPA 8260B	Acetone	4E	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	2	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	BDL	1	ug/L
EPA 8260B	sec-Butylbenzene	BDL	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	2	1	ug/L
EPA 8260B	Chloroethane	BDL	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-8, 04/26/2000, 17:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	BDL	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	4	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	BDL	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	2	1	ug/L
EPA 8260B	1,2-Dichloroethane	2	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	16	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	17	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	BDL	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	BDL	1	ug/L
EPA 8260B	p-Isopropyltoluene	BDL	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methyl methacrylate	BDL	1	ug/L
EPA 8260B	Methylene chloride	BDL	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	BDL	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	BDL	1	ug/L
EPA 8260B	Naphthalene	BDL	1	ug/L
EPA 8260B	n-Propylbenzene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	2	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-8, 04/26/2000, 17:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	2	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	140	1	ug/L
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	BDL	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	5	0.5	ug/L
EPA 8260B	m+p-Xylene	1	1	ug/L
EPA 8260B	o-Xylene	BDL	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	BDL	0.050	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-11

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-9, 04/26/2000, 17:30, received 04/28/2000

### Analytical

Method	Analyte	Result	Detection Limit	Units
<b>General Chemistry</b>				
EPA 9253	Chloride (Cl)	58	10	mg/L
<b>Metals</b>				
EPA 6010	Total Manganese (Mn)	13	0.015	mg/L
<b>Volatile Organics</b>				
EPA 8260B	Acetone	170	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	16	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	5	4	ug/L
EPA 8260B	n-Butylbenzene	10	1	ug/L
EPA 8260B	sec-Butylbenzene	9	1	ug/L
EPA 8260B	tert-Butylbenzene	1	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	22	1	ug/L
EPA 8260B	Chloroethane	1	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-9, 04/26/2000, 17:30, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	14	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	75	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	3	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	21	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	45	1	ug/L
EPA 8260B	1,2-Dichloroethane	4	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	2	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	6	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	11	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	7	1	ug/L
EPA 8260B	p-Isopropyltoluene	5	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methyl methacrylate	BDL	1	ug/L
EPA 8260B	Methylene chloride	7	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	5	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	64	1	ug/L
EPA 8260B	Naphthalene	20	1	ug/L
EPA 8260B	n-Propylbenzene	13	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	BDL	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, MW-9, 04/26/2000, 17:30, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Toluene	8	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	6	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	25	1	ug/L
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	78	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	11	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	52	0.5	ug/L
EPA 8260B	m+p-Xylene	14	1	ug/L
EPA 8260B	o-Xylene	34	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	12	1	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis  
110 Technology Parkway Norcross, GA 30092  
(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-12

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, RW-1, 04/26/2000, 18:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
<b>General Chemistry</b>				
EPA 9253	Chloride (Cl)	49	10	mg/L
<b>Metals</b>				
EPA 6010	Total Manganese (Mn)	11	0.015	mg/L
<b>Volatile Organics</b>				
EPA 8260B	Acetone	12E	4	ug/L
EPA 8260B	Acetonitrile	33E	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	4	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	BDL	4	ug/L
EPA 8260B	n-Butylbenzene	4	1	ug/L
EPA 8260B	sec-Butylbenzene	2	1	ug/L
EPA 8260B	tert-Butylbenzene	BDL	1	ug/L
EPA 8260B	Carbon disulfide	BDL	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	7	1	ug/L
EPA 8260B	Chloroethane	2	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, RW-1, 04/26/2000, 18:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	7	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	64	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	3	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	19	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	16	1	ug/L
EPA 8260B	1,2-Dichloroethane	0.7	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	5	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	2	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	2	1	ug/L
EPA 8260B	p-Isopropyltoluene	3	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methyl methacrylate	BDL	1	ug/L
EPA 8260B	Methylene chloride	25	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	10	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	460	1	ug/L
EPA 8260B	Naphthalene	55	1	ug/L
EPA 8260B	n-Propylbenzene	2	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	4	1	ug/L

BDL - Below Detection Limit

E - Estimated concentration



**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, RW-1, 04/26/2000, 18:00, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Toluene	2	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	1	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	1	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	2	1	ug/L
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	79	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	29	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	4	0.5	ug/L
EPA 8260B	m+p-Xylene	8	1	ug/L
EPA 8260B	o-Xylene	18	1	ug/L
<b>Hydrocarbons</b>				
EPA 8015M	Hydrocarbons (as Mineral Spirits)	1.0	0.25	mg/L



# ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis

110 Technology Parkway Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

## Laboratory Report

Safety-Kleen Corporation  
2720 Girard Blvd, N.E.  
Albuquerque, NM 87107

Attention: Ms. Sara Brothers  
Report No. 121258-13

P.O. No. 101651  
May 17, 2000

### Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, DUP, 04/26/2000, received 04/28/2000

### Analytical

Method	Analyte	Result	Detection Limit	Units
<b>Volatile Organics</b>				
EPA 8260B	Acetone	180	4	ug/L
EPA 8260B	Acetonitrile	BDLE	10	ug/L
EPA 8260B	Acrylonitrile	BDLE	3	ug/L
EPA 8260B	Allyl chloride	BDL	2	ug/L
EPA 8260B	Benzene	17	1	ug/L
EPA 8260B	Benzyl chloride	BDL	1	ug/L
EPA 8260B	Bromobenzene	BDL	1	ug/L
EPA 8260B	Bromochloromethane	BDL	1	ug/L
EPA 8260B	Bromodichloromethane	BDL	1	ug/L
EPA 8260B	Bromoform	BDL	1	ug/L
EPA 8260B	Bromomethane	BDL	2	ug/L
EPA 8260B	2-Butanone	8	4	ug/L
EPA 8260B	n-Butylbenzene	8	1	ug/L
EPA 8260B	sec-Butylbenzene	7	1	ug/L
EPA 8260B	tert-Butylbenzene	1	1	ug/L
EPA 8260B	Carbon disulfide	2	1	ug/L
EPA 8260B	Carbon tetrachloride	BDL	0.5	ug/L
EPA 8260B	Chlorobenzene	22	1	ug/L
EPA 8260B	Chloroethane	1	1	ug/L
EPA 8260B	Chloroform	BDL	1	ug/L
EPA 8260B	Chloromethane	BDL	1	ug/L
EPA 8260B	2-Chlorotoluene	14	1	ug/L
EPA 8260B	4-Chlorotoluene	BDL	1	ug/L
EPA 8260B	2-Chloroethylvinyl ether	BDL	4	ug/L
EPA 8260B	Dibromochloromethane	BDL	1	ug/L
EPA 8260B	1,2-Dibromo-3-chloropropane	BDLE	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

## Sample Description

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, DUP, 04/26/2000, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	1,2-Dibromoethane	BDL	1	ug/L
EPA 8260B	Dibromomethane	BDL	1	ug/L
EPA 8260B	1,2-Dichlorobenzene	84	1	ug/L
EPA 8260B	1,3-Dichlorobenzene	3	1	ug/L
EPA 8260B	1,4-Dichlorobenzene	22	1	ug/L
EPA 8260B	1,4-Dichloro-2-butene	BDL	1	ug/L
EPA 8260B	Dichlorodifluoromethane	BDL	1	ug/L
EPA 8260B	1,1-Dichloroethane	45	1	ug/L
EPA 8260B	1,2-Dichloroethane	4	0.5	ug/L
EPA 8260B	1,1-Dichloroethene	BDL	1	ug/L
EPA 8260B	cis-1,2-Dichloroethene	6	1	ug/L
EPA 8260B	trans-1,2-Dichloroethene	BDL	1	ug/L
EPA 8260B	1,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	1,3-Dichloropropane	BDL	1	ug/L
EPA 8260B	2,2-Dichloropropane	BDL	1	ug/L
EPA 8260B	cis-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	trans-1,3-Dichloropropene	BDL	0.5	ug/L
EPA 8260B	Ethylbenzene	11	1	ug/L
EPA 8260B	Ethyl methacrylate	BDL	1	ug/L
EPA 8260B	Hexachlorobutadiene	BDL	1	ug/L
EPA 8260B	2-Hexanone	BDL	3	ug/L
EPA 8260B	Iodomethane	BDL	1	ug/L
EPA 8260B	Isobutyl alcohol	BDL	100	ug/L
EPA 8260B	Isopropylbenzene	6	1	ug/L
EPA 8260B	p-Isopropyltoluene	4	1	ug/L
EPA 8260B	Methacrylonitrile	BDL	1	ug/L
EPA 8260B	Methylene chloride	7	1	ug/L
EPA 8260B	4-Methyl-2-pentanone	6	1	ug/L
EPA 8260B	Methyl tert-butyl ether (MTBE)	66	1	ug/L
EPA 8260B	Naphthalene	24	1	ug/L
EPA 8260B	n-Propylbenzene	11	1	ug/L
EPA 8260B	Styrene	BDL	1	ug/L
EPA 8260B	1,1,1,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	1,1,2,2-Tetrachloroethane	BDL	1	ug/L
EPA 8260B	Tetrachloroethene	BDL	1	ug/L
EPA 8260B	Toluene	9	1	ug/L
EPA 8260B	1,2,3-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,2,4-Trichlorobenzene	BDL	1	ug/L
EPA 8260B	1,1,1-Trichloroethane	7	1	ug/L
EPA 8260B	1,1,2-Trichloroethane	BDL	1	ug/L
EPA 8260B	Trichloroethene	19	1	ug/L

BDL - Below Detection Limit  
E - Estimated concentration

**Sample Description**

Safety-Kleen Corporation

Water, Oakland CA, Project #007.50914.002, DUP, 04/26/2000, received 04/28/2000

Analytical Method	Analyte	Result	Detection Limit	Units
EPA 8260B	Trichlorofluoromethane	BDL	1	ug/L
EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2	ug/L
EPA 8260B	1,2,3-Trichloropropane	BDL	1	ug/L
EPA 8260B	1,2,4-Trimethylbenzene	74	1	ug/L
EPA 8260B	1,3,5-Trimethylbenzene	10	1	ug/L
EPA 8260B	Vinyl acetate	BDL	1	ug/L
EPA 8260B	Vinyl chloride	48	0.5	ug/L
EPA 8260B	m+p-Xylene	14	1	ug/L
EPA 8260B	o-Xylene	35	1	ug/L
	<b>Hydrocarbons</b>			
EPA 8015M	Hydrocarbons (as Mineral Spirits)	12	2	mg/L

Analytical Services Inc. Batch QC  
 For Report Number :121258  
 Volatile Organics

Matrix : Aqueous

Batch # 57487

Method : EPA 8260

Lab Control Information Analyte	LC %Rec	LCD %Rec	LC RPD	%Recovery Range	RPD Range
Benzene	96	99	3	79 - 113	0 - 16
Chlorobenzene	101	102	1	76 - 115	0 - 18
1,1-Dichloroethene	91	96	5	72 - 119	0 - 18
Toluene	95	97	1	73 - 115	0 - 17
Trichloroethene	97	99	2	76 - 114	0 - 18
Matrix Spike Information Analyte	MS %Rec	MSD %Rec	MS RPD	%Recovery Range	RPD Range
Benzene	95	92	3	83 - 126	0 - 15
Chlorobenzene	98	95	3	86 - 125	0 - 14
1,1-Dichloroethene	91	90	1	61 - 122	0 - 25
Toluene	94	93	2	81 - 121	0 - 17
Trichloroethene	94	92	3	72 - 136	0 - 16

Analytical Services Inc. Batch QC  
 Surrogate Recovery  
 Volatile Organics

Matrix : Aqueous

Batch # 57487

Method : EPA 8260

## % Recovery Objectives

S1	Dibromofluoromethane	78 - 128
S2	1,2-Dichloroethane-d4	82 - 129
S3	Toluene-d8	85 - 112
S4	4-Bromofluorobenzene	82 - 113

Sample	File	S1	S2	S3	S4	S5	S6
57487BLK	A0970	95	101	93	95		
57487LCS	A0979	97	99	97	96		
57487LCSD	A0980	96	100	95	95		
121025	A0981	95	99	99	95		
121025MS	A0982	94	99	98	96		
121025MSD	A0983	92	96	99	97		
DAYBLK 05/01	A0991	93	97	88	92		
120953-1	A0992	94	102	87	89		
120953-2	A0993	94	103	89	91		
DAYBLK 05/02	A1024	101	102	101	101		
121417-1	A1039	100	109	103	106		
121417-2	A1040	102	108	104	109		
^^Note: 1:2500 DILUTION							
121417-3	A1041	105	108	101	104		
121417-4	A1042	104	111	100	105		
121304	A1043	105	107	103	103		
^^Note: 1:200 DILUTION							
DAYBLK 05/03	C1482	98	99	95	86		
121417-1D	C1483	97	98	96	101		
^^Note: 1:5 DILUTION							
121417-2D2	C1495	95	98	99	93		
^^Note: 1:200 DILUTION							
121417-2D	C1494	95	98	101	93		
^^Note: 1:500 DILUTION							
DAYBLK 05/04	C1546	100	101	94	88		
121304D	C1568	102	99	96	86		
^^Note: 1:5000 DILUTION							
DAYBLK 05/09	A1239	96	105	105	98		
121598D	A1240	109	118	63	55		
^^Note: 1:50 DILUTION MATRIX EFFECT							

Analytical Services Inc. Batch QC  
 Surrogate Recovery  
 Volatile Organics

Matrix : Aqueous

Batch # 57487

Method : EPA 8260

## % Recovery Objectives

S1	Dibromofluoromethane	78 - 128
S2	1,2-Dichloroethane-d4	82 - 129
S3	Toluene-d8	85 - 112
S4	4-Bromofluorobenzene	82 - 113

Sample	File	S1	S2	S3	S4	S5	S6
DAYBLK 05/08	A1212	100	112	92	96		
121598	A1220	102	112	68	56		
^^Note: 1:100 DILUTION MATRIX EFFECT							
DAYBLK 05/08	A1212	100	112	92	96		
121258-1	A1221	99	113	92	101		
121258-2	A1222	101	113	91	98		
121258-3	A1224	98	109	89	95		
121258-4	A1225	98	112	91	95		
121258-5	A1226	100	112	92	95		
121258-6	A1227	100	113	92	94		
121258-7	A1228	98	112	90	94		
121258-8	A1229	99	112	91	96		
121258-9	A1230	99	111	91	93		
121258-10	A1231	99	113	91	97		
DAYBLK05/09	A1255	98	109	89	94		
121258-1DUP	A1256	95	108	88	93		
121258-2DUP	A1257	98	111	89	96		
121258-3DUP	A1258	94	112	89	95		
121258-4DUP	A1259	99	113	90	96		
DAYBLK 05/10	A1277	97	113	88	93		
121258-5DUP	A1278	97	113	90	96		
121258-6DUP	A1279	100	112	91	93		
121258-7DUP	A1280	100	114	90	97		
121258-8DUP	A1281	102	114	90	97		
121258-9DUP	A1282	98	115	90	93		
121258-10DUP	A1283	100	112	89	94		
121258-11	A1284	96	108	94	126		
^^Note: MATRIX EFFECT							

Blank Results Information  
Volatile Organics Method : EPA 8260

Analyte	Blank Result	Detection Limit
Acetone	9E	4
Acetonitrile	BDLE	10
Acrylonitrile	BDLE	3
Allyl chloride	BDL	2
Benzene	BDL	1
Benzyl chloride	BDL	1
Bromobenzene	BDL	1
Bromochloromethane	BDL	1
Bromodichloromethane	BDL	1
Bromoform	BDL	1
Bromomethane	BDL	2
2-Butanone	BDL	4
n-Butylbenzene	BDL	1
sec-Butylbenzene	BDL	1
tert-Butylbenzene	BDL	1
Carbon disulfide	BDL	1
Carbon tetrachloride	BDL	0.5
Chlorobenzene	BDL	1
Chloroethane	BDL	1
Chloroform	BDL	1
Chloromethane	BDL	1
2-Chlorotoluene	BDL	1
4-Chlorotoluene	BDL	1
2-Chloroethylvinyl ether	BDL	4
Dibromochloromethane	BDL	1
1,2-Dibromo-3-chloropropane	BDLE	1
1,2-Dibromoethane	BDL	1
Dibromomethane	BDL	1
1,2-Dichlorobenzene	BDL	1
1,3-Dichlorobenzene	BDL	1
1,4-Dichlorobenzene	BDL	1
1,4-Dichloro-2-butene	BDL	1
Dichlorodifluoromethane	BDL	1
1,1-Dichloroethane	BDL	1
1,2-Dichloroethane	BDL	0.5
1,1-Dichloroethene	BDL	1
cis-1,2-Dichloroethene	BDL	1
trans-1,2-Dichloroethene	BDL	1
1,2-Dichloropropane	BDL	1
1,3-Dichloropropane	BDL	1
2,2-Dichloropropane	BDL	1
cis-1,3-Dichloropropene	BDL	0.5
trans-1,3-Dichloropropene	BDL	0.5
Ethylbenzene	BDL	1
Ethyl methacrylate	BDL	1
Hexachlorobutadiene	BDL	1
2-Hexanone	BDL	3
Iodomethane	BDL	1
Isobutyl alcohol	BDL	100



Blank Results Information  
Volatile Organics Method : EPA 8260

Analyte	Blank Result	Detection Limit
Isopropylbenzene	BDL	1
p-Isopropyltoluene	BDL	1
Methacrylonitrile	BDL	1
Methylene chloride	BDL	1
4-Methyl-2-pentanone	BDL	1
Methyl tert-butyl ether	BDL	1
Naphthalene	BDL	1
n-Propylbenzene	BDL	1
Styrene	BDL	1
1,1,1,2-Tetrachloroethane	BDL	1
1,1,2,2-Tetrachloroethane	BDL	1
Tetrachloroethene	BDL	1
Toluene	BDL	1
1,2,3-Trichlorobenzene	BDL	1
1,2,4-Trichlorobenzene	BDL	1
1,1,1-Trichloroethane	BDL	1
1,1,2-Trichloroethane	BDL	1
Trichloroethene	BDL	1
Trichlorofluoromethane	BDL	1
1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2
1,2,3-Trichloropropane	BDL	1
1,2,4-Trimethylbenzene	BDL	1
1,3,5-Trimethylbenzene	BDL	1
Vinyl acetate	BDL	1
Vinyl chloride	BDL	0.5
m+p-Xylene	BDL	1
o-Xylene	BDL	1
Methyl methacrylate	BDL	1

Sample Batch Information  
Volatile Organics Method : EPA 8260

Sample ID	Preparation		Preparation Notes	Analysis			Inst #
	Date	Time By		Date	Time	By	
57487BLK	/	/		04/28/00	1813	DR	VOA1
57487LCS	/	/		04/28/00	2212	DR	VOA1
57487LCSD	/	/		04/28/00	2238	DR	VOA1
121025	/	/		04/28/00	2304	DR	VOA1
121025MS	/	/		04/28/00	2331	DR	VOA1
121025MSD	/	/		04/28/00	2357	DR	VOA1
DAYBLK 05/01	/	/		05/01/00	1238	LLP	VOA1
120953-1	/	/		05/01/00	1304	LLP	VOA1
120953-2	/	/		05/01/00	1331	LLP	VOA1
DAYBLK 05/02	/	/		05/02/00	1035	DR	VOA1
121417-1	/	/		05/02/00	1908	DR	VOA1
121417-2	/	/		05/02/00	1935	DR	VOA1
121417-3	/	/		05/02/00	2001	DR	VOA1
121417-4	/	/		05/02/00	2028	DR	VOA1
121304	/	/		05/02/00	2054	DR	VOA1
DAYBLK 05/03	/	/		05/03/00	1124	DR	VOA3
121417-1D	/	/		05/03/00	1150	DR	VOA3
121417-2D2	/	/		05/03/00	1714	SMW	VOA3
121417-2D	/	/		05/03/00	1643	DR	VOA3
DAYBLK 05/04	/	/		05/04/00	1753	DR	VOA3
121304D	/	/		05/05/00	0335	DR	VOA3
DAYBLK 05/09	/	/		05/09/00	0912	DR	VOA1
121598D	/	/		05/09/00	0939	DR	VOA1
DAYBLK 05/08	/	/		05/08/00	1803	DR	VOA1
121598	/	/		05/08/00	2136	DR	VOA1
121258-1	/	/		05/08/00	2202	DR	VOA1
121258-2	/	/		05/08/00	2229	DR	VOA1
121258-3	/	/		05/08/00	2321	DR	VOA1
121258-4	/	/		05/08/00	2348	DR	VOA1
121258-5	/	/		05/09/00	0014	DR	VOA1
121258-6	/	/		05/09/00	0041	DR	VOA1
121258-7	/	/		05/09/00	0107	DR	VOA1
121258-8	/	/		05/09/00	0133	DR	VOA1
121258-9	/	/		05/09/00	0200	DR	VOA1
121258-10	/	/		05/09/00	0226	DR	VOA1
DAYBLK05/09	/	/		05/09/00	1631	DR	VOA1
121258-1DUP	/	/		05/09/00	1714	DR	VOA1
121258-2DUP	/	/		05/09/00	1740	DR	VOA1
121258-3DUP	/	/		05/09/00	1807	DR	VOA1
121258-4DUP	/	/		05/09/00	1833	DR	VOA1
DAYBLK 05/10	/	/		05/10/00	1105	DR	VOA1
121258-5DUP	/	/		05/10/00	1141	DR	VOA1
121258-6DUP	/	/		05/10/00	1207	DR	VOA1
121258-7DUP	/	/		05/10/00	1234	DR	VOA1
121258-8DUP	/	/		05/10/00	1300	DR	VOA1
121258-9DUP	/	/		05/10/00	1327	DR	VOA1
121258-10DUP	/	/		05/10/00	1353	DR	VOA1
121258-11	/	/		05/10/00	1420	DR	VOA1

Analytical Services Inc. Batch QC  
For Report Number :121258  
Volatile Organics

Matrix : Aqueous

Batch # 57817

Method : EPA 8015

Lab Control Information Analyte	LC %Rec	LCD %Rec	LC RPD	%Recovery Range	RPD Range
Mineral Spirits	108	110	2	50 - 150	0 - 50
Matrix Spike Information Analyte	MS %Rec	MSD %Rec	MS RPD	%Recovery Range	RPD Range
Mineral Spirits	112	123	10	50 - 150	0 - 50

Analytical Services Inc. Batch QC  
 Surrogate Recovery  
 Volatile Organics

Matrix : Aqueous

Batch # 57817

Method : EPA 8015

## % Recovery Objectives

		50 - 150					
		Fluorobenzene					
		S1	S2	S3	S4	S5	S6
Sample	File	S1	S2	S3	S4	S5	S6
57817BLK	A1055	94					
57817LCS	A1056	91					
57817LCSD	A1057	101					
121258-1	A1058	87					
121258-2	A1059	89					
121258-3	A1061	104					
121258-4	A1062	101					
121258-5	A1063	93					
121258-6	A1064	90					
121258-7	A1065	94					
121258-8	A1066	90					
121258-9	A1067	82					
121258-10	A1068	88					
DAYBLK 05/03	A1073	87					
121258-2MS	A1074	87					
121258-2MSD	A1075	94					
121258-11	A1076	73					
^^Note: 1:20 DILUTION							
121258-12	A1077	92					
^^Note: 1:20 DILUTION							
121258-11D	A1078	87					
^^Note: 1:40 DILUTION							
121258-12D	A1079	78					
^^Note: 1:5 DILUTION							
121258-13	A1080	84					
^^Note: 1:40 DILUTION							
121258-3DUP	A1081	84					

Blank Results Information  
Volatile Organics Method : EPA 8015

Analyte	Blank Result	Detection Limit
Hydrocarbons	BDL	0.050

Sample Batch Information  
Volatile Organics Method : EPA 8015

Sample ID	Preparation		Preparation Notes	Analysis			Inst #
	Date	Time By		Date	Time	By	
57817BLK	/	/		05/03/00	0212	DR	VOA1
57817LCS	/	/		05/03/00	0238	DR	VOA1
57817LCSD	/	/		05/03/00	0305	DR	VOA1
121258-1	/	/		05/03/00	0331	DR	VOA1
121258-2	/	/		05/03/00	0357	DR	VOA1
121258-3	/	/		05/03/00	0942	DR	VOA1
121258-4	/	/		05/03/00	1008	DR	VOA1
121258-5	/	/		05/03/00	1035	DR	VOA1
121258-6	/	/		05/03/00	1120	DR	VOA1
121258-7	/	/		05/03/00	1147	DR	VOA1
121258-8	/	/		05/03/00	1213	DR	VOA1
121258-9	/	/		05/03/00	1240	DR	VOA1
121258-10	/	/		05/03/00	1306	DR	VOA1
DAYBLK 05/03	/	/		05/03/00	1546	DR	VOA1
121258-2MS	/	/		05/03/00	1623	DR	VOA1
121258-2MSD	/	/		05/03/00	1649	DR	VOA1
121258-11	/	/		05/03/00	1716	DR	VOA1
121258-12	/	/		05/03/00	1742	DR	VOA1
121258-11D	/	/		05/03/00	1809	DR	VOA1
121258-12D	/	/		05/03/00	1835	DR	VOA1
121258-13	/	/		05/03/00	1902	DR	VOA1
121258-3DUP	/	/		05/03/00	1928	DR	VOA1

Analytical Services Inc. Batch QC  
 For Report Number :121258  
 Volatile Organics

Matrix : Aqueous

Batch # 57943

Method : EPA 8260

Lab Control Information Analyte	LC %Rec	LCD %Rec	LC RPD	%Recovery Range	RPD Range
Benzene	90	88	2	79 - 113	0 - 16
Chlorobenzene	97	93	5	76 - 115	0 - 18
1,1-Dichloroethene	84	89	6	72 - 119	0 - 18
Toluene	88	87	2	73 - 115	0 - 17
Trichloroethene	92	91	2	76 - 114	0 - 18

  

Matrix Spike Information Analyte	MS %Rec	MSD %Rec	MS RPD	%Recovery Range	RPD Range
Benzene	95	93	2	83 - 126	0 - 15
Chlorobenzene	101	99	2	86 - 125	0 - 14
1,1-Dichloroethene	95	88	8	61 - 122	0 - 25
Toluene	94	93	0	81 - 121	0 - 17
Trichloroethene	101	97	4	72 - 136	0 - 16

Analytical Services Inc. Batch QC  
 Surrogate Recovery  
 Volatile Organics

Matrix : Aqueous

Batch # 57943

Method : EPA 8260

## % Recovery Objectives

S1	Dibromofluoromethane	78 - 128
S2	1,2-Dichloroethane-d4	82 - 129
S3	Toluene-d8	85 - 112
S4	4-Bromofluorobenzene	82 - 113

Sample	File	S1	S2	S3	S4	S5	S6
57943BLK	A1239	96	105	100	98		
57493LCS	A1247	99	107	98	100		
57493LCSD	A1248	99	109	98	96		
DAYBLK 05/10	A1277	99	112	96	97		
121258-12	A1285	93	107	92	97		
121258-13	A1286	102	115	93	117		
^^Note: MATRIX EFFECT							
121258-12D	A1290	100	111	88	96		
^^Note: 1:5 DILUTION							
121444MS	A1288	95	104	96	99		
121444MSD	A1289	98	106	97	98		
121444	A1287	101	111	99	101		
DAYBLK 05/10	A1277	99	112	96	97		
121644	A1298	100	107	98	101		
^^Note: 1:2500 DILUTION							
121644D	A1299	101	107	98	100		
^^Note: 1:200 DILUTION							
DAYBLK 05/11	A1317	98	106	96	97		
121644D2	A1320	100	106	100	103		
^^Note: 1:12,500 DILUTION							
DAYBLK 05/12	A1347	98	108	88	92		
121601-1	A1348	100	110	112	102		
121601-1D	A1353	96	111	87	96		
^^Note: 1:5 DILUTION							
121601-2	A1349	98	112	91	103		
121601-2D	A1356	102	117	87	94		
^^Note: 1:5 DILUTION							
121601-3	A1350	97	111	89	91		
121601-4	A1351	99	109	89	94		
121601-5	A1352	98	112	88	96		



Analytical Services Inc. Batch QC  
 Surrogate Recovery  
 Volatile Organics

Matrix : Aqueous

Batch # 57943

Method : EPA 8260

## % Recovery Objectives

S1	Dibromofluoromethane	78 - 128
S2	1,2-Dichloroethane-d4	82 - 129
S3	Toluene-d8	85 - 112
S4	4-Bromofluorobenzene	82 - 113

Sample	File	S1	S2	S3	S4	S5	S6
121603-1	A1360	97	110	90	106		
121624-1	A1361	105	111	99	99		
121624-2	A1362	58	112	100	101		
^^Note: MATRIX EFFECT							
121624-3	A1363	55	112	101	102		
^^Note: MATRIX EFFECT							
121624-4	A1364	103	112	100	103		
121624-5	A1413	105	111	98	94		
^^Note: 1:20 DILUTION							
DAYBLK 05/12	A1412	92	105	94	92		
121606-3DUP	A1416	97	112	97	95		
121624-6	A1417	94	109	97	95		
DAYBLK 05/15	A1412	92	105	94	92		
121695-1	A1423	93	109	95	98		
121695-2	A1424	96	110	96	96		
DAYBLK 05/16	A1444	92	102	96	97		
121695-3	A1450	94	104	99	99		
^^Note: 1:50 DILUTION							
121695-4	A1451	93	104	97	96		
^^Note: 1:50 DILUTION							
121695-4D	A1461	93	101	94	92		
^^Note: 1:10 DILUTION							

Blank Results Information  
Volatile Organics Method : EPA 8260

Analyte	Blank Result	Detection Limit
Acetone	BDLE	4
Acetonitrile	BDLE	10
Acrylonitrile	BDLE	3
Allyl chloride	BDL	2
Benzene	BDL	1
Benzyl chloride	BDL	1
Bromobenzene	BDL	1
Bromochloromethane	BDL	1
Bromodichloromethane	BDL	1
Bromoform	BDL	1
Bromomethane	BDL	2
2-Butanone	BDL	4
n-Butylbenzene	BDL	1
sec-Butylbenzene	BDL	1
tert-Butylbenzene	BDL	1
Carbon disulfide	BDL	1
Carbon tetrachloride	BDL	0.5
Chlorobenzene	BDL	1
Chloroethane	BDL	1
Chloroform	BDL	1
Chloromethane	BDL	1
2-Chlorotoluene	BDL	1
4-Chlorotoluene	BDL	1
2-Chloroethylvinyl ether	BDL	4
Dibromochloromethane	BDL	1
1,2-Dibromo-3-chloropropane	BDLE	1
1,2-Dibromoethane	BDL	1
Dibromomethane	BDL	1
1,2-Dichlorobenzene	BDL	1
1,3-Dichlorobenzene	BDL	1
1,4-Dichlorobenzene	BDL	1
1,4-Dichloro-2-butene	BDL	1
Dichlorodifluoromethane	BDL	1
1,1-Dichloroethane	BDL	1
1,2-Dichloroethane	BDL	0.5
1,1-Dichloroethene	BDL	1
cis-1,2-Dichloroethene	BDL	1
trans-1,2-Dichloroethene	BDL	1
1,2-Dichloropropane	BDL	1
1,3-Dichloropropane	BDL	1
2,2-Dichloropropane	BDL	1
cis-1,3-Dichloropropene	BDL	0.5
trans-1,3-Dichloropropene	BDL	0.5
Ethylbenzene	BDL	1
Ethyl methacrylate	BDL	1
Hexachlorobutadiene	BDL	1
2-Hexanone	BDL	3
Iodomethane	BDL	1
Isobutyl alcohol	BDL	100

Blank Results Information  
Volatile Organics Method : EPA 8260

Analyte	Blank Result	Detection Limit
Isopropylbenzene	BDL	1
p-Isopropyltoluene	BDL	1
Methacrylonitrile	BDL	1
Methyl methacrylate	BDL	1
Methylene chloride	BDL	1
4-Methyl-2-pentanone	BDL	1
Methyl tert-butyl ether	BDL	1
Naphthalene	BDL	1
n-Propylbenzene	BDL	1
1,1,1,2-Tetrachloroethane	BDL	1
1,1,2,2-Tetrachloroethane	BDL	1
Tetrachloroethene	BDL	1
Toluene	BDL	1
1,2,3-Trichlorobenzene	BDL	1
1,2,4-Trichlorobenzene	BDL	1
1,1,1-Trichloroethane	BDL	1
1,1,2-Trichloroethane	BDL	1
Trichloroethene	BDL	1
Trichlorofluoromethane	BDL	1
1,1,2-Trichloro-1,2,2-trifluoroethane	BDL	2
1,2,3-Trichloropropane	BDL	1
1,2,4-Trimethylbenzene	BDL	1
1,3,5-Trimethylbenzene	BDL	1
Vinyl acetate	BDL	1
Vinyl chloride	BDL	0.5
m+p-Xylene	BDL	1
o-Xylene	BDL	1
Styrene	BDL	1

Sample Batch Information  
Volatile Organics Method : EPA 8260

Sample ID	Preparation		Preparation Notes	Analysis			Inst #
	Date	Time By		Date	Time	By	
57943BLK	/	/		05/09/00	0912	DR	VOA1
57493LCS	/	/		05/09/00	1247	DR	VOA1
57493LCSD	/	/		05/09/00	1314	DR	VOA1
DAYBLK 05/10	/	/		05/10/00	1105	DR	VOA1
121258-12	/	/		05/10/00	1446	DR	VOA1
121258-13	/	/		05/10/00	1513	DR	VOA1
121258-12D	/	/		05/10/00	1711	DR	VOA1
121444MS	/	/		05/10/00	1618	DR	VOA1
121444MSD	/	/		05/10/00	1644	DR	VOA1
121444	/	/		05/10/00	1539	DR	VOA1
121644	/	/		05/10/00	2118	DR	VOA1
121644D	/	/		05/10/00	2145	DR	VOA1
DAYBLK 05/11	/	/		05/11/00	1040	DR	VOA1
121644D2	/	/		05/11/00	1202	DR	VOA1
DAYBLK 05/12	/	/		05/15/00	1234	DR	VOA1
121601-1	/	/		05/12/00	1210	DR	VOA1
121601-1D	/	/		05/12/00	1423	DR	VOA1
121601-2	/	/		05/12/00	1237	DR	VOA1
121601-2D	/	/		05/12/00	1542	DR	VOA1
121601-3	/	/		05/12/00	1303	DR	VOA1
121601-4	/	/		05/12/00	1330	DR	VOA1
121601-5	/	/		05/12/00	1356	DR	VOA1
121603-1	/	/		05/12/00	1729	DR	VOA1
121624-1	/	/		05/12/00	1755	DR	VOA1
121624-2	/	/		05/12/00	1822	DR	VOA1
121624-3	/	/		05/12/00	1849	DR	VOA1
121624-4	/	/		05/12/00	1916	DR	VOA1
121624-5	/	/		05/15/00	1311	DR	VOA1
121606-3DUP	/	/		05/15/00	1430	DR	VOA1
121624-6	/	/		05/15/00	1457	DR	VOA1
DAYBLK 05/15	/	/		05/15/00	1234	DR	VOA1
121695-1	/	/		05/15/00	1739	DR	VOA1
121695-2	/	/		05/15/00	1805	DR	VOA1
DAYBLK 05/16	/	/		05/16/00	1210	DR	VOA1
121695-3	/	/		05/16/00	1503	DR	VOA1
121695-4	/	/		05/16/00	1530	DR	VOA1
121695-4D	/	/		05/16/00	1954	DR	VOA1

Analytical Services Inc. Batch QC  
For Report Number :121258

QC Batch General Information							
Batch Number	Analyte	Analysis Method	Matrix		Blank Result		Prep. Method
56568	Mn	EPA 6010	Aqueous <		0.0150		
57834	Cl	EPA 9253	Aq/Solid <		1.0000		
Lab Control Information							
Batch Number	Analyte	Method	LC %Rec	LCD %Rec	LC RPD	%Recovery Range	RPD Range
56568	Mn	EPA 6010	96	96	0	76 - 124	0 - 20
57834	Cl	EPA 9253	101	103	2	75 - 125	0 - 30
Matrix Spike Information							
Batch Number	Analyte	Method	MS %Rec	MSD %Rec	MS RPD	%Recovery Range	RPD Range
56568	Mn	EPA 6010	93	96	3	73 - 109	0 - 18
57834	Cl	EPA 9253	100	100	0	82 - 110	0 - 5
Post Digestion Spike Information							
Batch Number	Analyte	Method	PDS %Rec			%Recovery Range	
56568	Mn	EPA 6010	161			76 - 124	
Unspiked Sample Duplicate Information							
Batch Number	Analyte	Method	Sample 1 RPD	Sample 2 RPD			RPD Range
57834	Cl	EPA 9253	0	0			0 - 5

Sample Batch Information  
Analysis : Mn

Sample ID	Preparation			Preparation Notes	Analysis			Inst
	Tag	Date	Time By		Date	Time	By	
56568BLANK		05/01/00	0915 SER	TRACE	05/01/00	1437	MLR	ICP2
56568LCS		05/01/00	0915 SER	TRACE	05/01/00	1441	MLR	ICP2
56568LCSD		05/01/00	0915 SER	TRACE	05/01/00	1444	MLR	ICP2
121258-2MS		05/01/00	0915 SER	TRACE	05/01/00	1448	MLR	ICP2
121258-2MSD		05/01/00	0915 SER	TRACE	05/01/00	1451	MLR	ICP2
121258-12PDS		05/01/00	0915 SER	TRACE	05/01/00	1455	MLR	ICP2
121258-12DUP		05/01/00	0915 SER	TRACE	05/01/00	1459	MLR	ICP2
121233		05/01/00	0915 SER	TRACE	05/01/00	1430	MLR	ICP2
121234		05/01/00	0915 SER	TRACE	05/01/00	1434	MLR	ICP2
121235-1		05/01/00	0915 SER	TRACE	05/01/00	1355	MLR	ICP2
121235-2		05/01/00	0915 SER	TRACE	05/01/00	1358	MLR	ICP2
121201-1		05/01/00	0915 SER	TRACE	05/01/00	1516	MLR	ICP2
121201-2		05/01/00	0915 SER	TRACE	05/01/00	1520	MLR	ICP2
121201-3		05/01/00	0915 SER	TRACE	05/01/00	1523	MLR	ICP2
121201-4		05/01/00	0915 SER	TRACE	05/01/00	1527	MLR	ICP2
121201-5		05/01/00	0915 SER	TRACE	05/01/00	1530	MLR	ICP2
121201-6		05/01/00	0915 SER	TRACE	05/01/00	1534	MLR	ICP2
121201-7		05/01/00	0915 SER	TRACE	05/01/00	1538	MLR	ICP2
121201-8		05/01/00	0915 SER	TRACE	05/01/00	1541	MLR	ICP2
121201-9		05/01/00	0915 SER	TRACE	05/01/00	1545	MLR	ICP2
121201-10		05/01/00	0915 SER	TRACE	05/01/00	1555	MLR	ICP2
121201-12		05/01/00	0915 SER	NEAT	05/01/00	1437	MLR	ICP2
121258-2		05/01/00	0915 SER	TRACE	05/01/00	1502	MLR	ICP2
121258-10		05/01/00	0915 SER	TRACE	05/01/00	1602	MLR	ICP2
121258-11		05/01/00	0915 SER	TRACE	05/01/00	1606	MLR	ICP2
121258-12		05/01/00	0915 SER	TRACE	05/01/00	1513	MLR	ICP2

Q.C. Information for Batch # 57834

For Report Number :121258

Sample Batch Information  
Analysis : Cl

Sample ID	Tag	Preparation			Preparation Notes	Analysis			Inst
		Date	Time	By		Date	Time	By	
57834BLK		/	/			05/03/00	1330	LA	
57834LCS		/	/			05/03/00	1330	LA	
57834LCSD		/	/			05/03/00	1330	LA	
121190-11MS		/	/			05/03/00	1330	LA	
121190-11MSD		/	/			05/03/00	1330	LA	
121308		/	/			05/03/00	1330	LA	
121237-3		/	/			05/03/00	1330	LA	
121237-5		/	/			05/03/00	1330	LA	
121237-6		/	/			05/03/00	1330	LA	
121237-7		/	/			05/03/00	1330	LA	
121237-8		/	/			05/03/00	1330	LA	
121237-9		/	/			05/03/00	1330	LA	
121258-2		/	/			05/03/00	1330	LA	
121258-10		/	/			05/03/00	1330	LA	
121258-11		/	/			05/03/00	1330	LA	
121258-12		/	/			05/03/00	1330	LA	
121190-2		/	/			05/03/00	1330	LA	
121190-4		/	/			05/03/00	1330	LA	
121190-5		/	/			05/03/00	1330	LA	
121190-5DUP		/	/			05/03/00	1330	LA	
121190-6		/	/			05/03/00	1330	LA	
121190-8		/	/			05/03/00	1330	LA	
121190-8DUP		/	/			05/03/00	1330	LA	
121190-9		/	/			05/03/00	1330	LA	
121190-11		/	/			05/03/00	1330	LA	
121190-12		/	/			05/03/00	1330	LA	

4. V CH  
Chain-of Custody Number: 121258

# SECOR Chain-of Custody Record

Field Office: Concord  
Address: 1390 Willow Pass Rd. Ste. 360  
Concord, CA 94520

Additional documents are attached, and are a part of this Record.  
Job Name: Safety Klean  
Location: 400 Market St.  
Oakland, CA

Project # 007.50914.002 Task # \_\_\_\_\_  
Project Manager Greg Hoehn  
Laboratory ASI  
Turnaround Time Standard

### Analysis Request

Sampler's Name Charles Melancon  
Sampler's Signature [Signature]

Sample ID	Date	Time	Matrix	Asbestos (EPA Method 8210)	PCBs (EPA Method 8060)	TPH (EPA Method 8015)	TPH (EPA Method 8015 (modified))	TPH (EPA Method 8015 (modified))	TPH 418.1/WTPH 418.1	Aromatic Volatiles (EPA Method 8210)	Volatile Organics (EPA Method 8210)	Halogenated Volatiles (EPA Method 8210)	Semi-volatile Organics (EPA Method 8210)	Pesticides/PCBs (EPA Method 8060)	Total Lead (EPA Method 7421)	Priority Pollutant Metals (13)	TCLP Metals	Comments/Instructions	Number of Containers
EB-1	4-26-00	9:30	Water	X							X								6
MW-13		10:00		X							X								8
MW-3		11:00		X							X								6
MW-1		12:00		X							X								6
MW-6		13:00		X							X								6
MW-5		14:00		X							X								6
MW-2		14:40		X							X								6
MW-12		15:20		X							X								6
MW-4		16:00		X							X								6
MW-8		17:00		X							X								8

Special Instructions/Comments:

Relinquished by: [Signature]  
Sign [Signature]  
Print Charles Melancon  
Company SECOR  
Time 20:30 Date 4-26-00

Received by: \_\_\_\_\_  
Sign \_\_\_\_\_  
Print \_\_\_\_\_  
Company \_\_\_\_\_  
Time \_\_\_\_\_ Date \_\_\_\_\_

Received by: [Signature]  
Sign [Signature]  
Print \_\_\_\_\_  
Company ASI  
Time 9:00a Date 4/28

Sample Receipt

Total no. of containers: \_\_\_\_\_  
Chain of custody seals: NO ice  
Rec'd in good condition/cold: [Initials]  
Conforms to record: [Initials]

Client: \_\_\_\_\_  
Client Contact: \_\_\_\_\_  
Client Phone: \_\_\_\_\_



H V C4

Chain-of Custody Number:

121258

# SECOR Chain-of Custody Record

Field Office: Concord  
 Address: 1390 Willow Pass Rd., Ste. 360  
Concord, CA 94520

Additional documents are attached, and are a part of this Record.  
 Job Name: Safety Kleen  
 Location: 400 Market St.  
Oakland, CA

Project # 007.50914.002 Task # \_\_\_\_\_  
 Project Manager Greg Hopfn  
 Laboratory ASE  
 Turnaround Time Standard

Sampler's Name Charles Melancon  
 Sampler's Signature [Signature]

### Analysis Request

Sample ID	Date	Time	Matrix	TPH 418.1/WTPH 418.1	Aromatic Volatiles 602/8020	Volatiles Organics 8260B	Halogenated Volatiles 601/8010	Semi-volatile Organics 625/8270 (GC/MS)	Pesticides/PCBs 608/8080	Total Lead 7421	Priority Pollutant Metals (13)	TCLP Metals	Comments/Instructions	Number of Containers
MW-9	4-26-00	17:30	Water	X		X						X		8
RW-1		18:00		X		X						X		8
Dup				X		X						X		6

-11  
-12  
-13

Special Instructions/Comments:

Relinquished by: [Signature]  
 Sign \_\_\_\_\_  
 Print Charles Melancon  
 Company SECOR  
 Time 20:30 Date 4-26-00

Received by: \_\_\_\_\_  
 Sign \_\_\_\_\_  
 Print \_\_\_\_\_  
 Company \_\_\_\_\_  
 Time \_\_\_\_\_ Date \_\_\_\_\_

Sample Receipt  
 Total no. of containers: \_\_\_\_\_  
 Chain of custody seals: \_\_\_\_\_  
 Rec'd in good condition/cold: \_\_\_\_\_  
 Conforms to record: \_\_\_\_\_

Relinquished by: \_\_\_\_\_  
 Sign \_\_\_\_\_  
 Print \_\_\_\_\_  
 Company \_\_\_\_\_  
 Time \_\_\_\_\_ Date \_\_\_\_\_

Received by: [Signature]  
 Sign \_\_\_\_\_  
 Print ASE  
 Company ASE  
 Time 9:00 a Date 4/28

Client: \_\_\_\_\_  
 Client Contact: \_\_\_\_\_  
 Client Phone: \_\_\_\_\_

Umm 4/28/00