57313

TECHNICAL REPORT:

REVIEW OF EFFECTIVENESS OF SELECTED REMEDY CRYOCHEM OU 1: RESIDENTIAL WELL MONITORING

Work Assignment No.: 90-41-3NM9
(WAF No. 252)

Prepared for

U.S. Environmental Protection Agency
Region III
841 Chestnut Street
Philadelphia Pennsylvania 19107

Prepared by

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Reston, Virginia

July 1996

MDREV252.DOC

AR000140

Introduction

This memorandum presents the results of a review of the effectiveness of the selected remedy for Operable Unit 1 at the Cryochem site in Boyertown, Pennsylvania. CH2M HILL has managed six residential well monitoring events at the Cryochem site for the OU1 task under the supervision of USEPA Region III. Activities have been conducted according to the Record of Decision (ROD), September 29, 1989, and the Explanation of Significant Differences (ESD), September 22, 1994.

The memorandum summarizes the existing data and reviews the information available. Conclusions and recommendations provide suggested measures for upcoming work.

Appendix A includes a copy of the statement of the scope of work for this document. Responses to each of EPA's questions, as stated in the WAF, are discussed in a later section titled *Review of Existing Information.*

Current Residential Sampling and Monitoring Program

Nineteen residences and one business (Mike's Service Station) were selected for the monitoring program. At each location, a dual granular activated carbon (GAC) filter system was installed. UV lamps to protect against coliforms, are installed at all 19 residences. Periodic sampling was scheduled according to the work plan and also included Kountry Kitchen, where no GAC filters were installed.

Samples were collected at the wellhead, the midpoint between the two filters, and at the tap. If concentrations of the contaminants of concern (COC) were detected at the midpoint, then the GAC filter closest to the well (lead filter) was replaced with the GAC filter closest to the tap (lag filter). The GAC in the lead filter was replaced with fresh GAC and the lead filter was configured as the lag filter. If concentrations of contaminants were detected in the tap sample, GAC in both filters was replaced. Resampling after each carbon replacement confirmed that the filter changeout had successfully eliminated contaminant breakthrough.

Ultraviolet (UV) lamps have been changed out once a year, or whenever they burn out. Coliform testing of the tap water confirms that no coliforms appear in the water as a result of biological growth on the GAC filters when the UV lamps are on.

Recommendations for changes to the sampling and monitoring schedules are presented in later sections of this memorandum.

Requirements of the Explanation of Significant Differences

The main provisions of the ESD are as follows:

- Continue operation and maintenance (O&M) of dual GAC units and UV systems at 19 residences and 1 business, already known to be affected by the site.
- Install, operate and maintain dual GAC units at residences and business that become affected by the contamination from the site.
- Monitor the GAC units of the new wells affected by the site.
- Conduct periodic reviews on the effectiveness of the selected remedy.
  The estimated present worth cost of the remedy is $400,000[1], for 20 affected wells and 6 potentially affected wells.

The ROD indicates that the selected remedy (Alternative 3C) is protective of human health and the environment because the GAC filters remove the contamination from the groundwater with technology proven to reduce concentrations of volatile organic chemicals (VOCs) to acceptable levels. No unacceptable short-term or long-term risks will be caused by the implementation of the selected remedy.

[1] Present worth cost based on a 10% discount factor for 30 years i.e. through 9/22/2024. Annual costs estimated at $42,500.

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Summary of Existing Data

This section summarizes the existing data collected from October 1992 through May, 1996.

Appendix B provides copies of the validated laboratory analytical data for the residential sampling. The rounds marked "resample" are the confirmatory samples after a filter changeout. Most homes have needed a filter changeout at least once since installation; four homes (P.O. Box numbers 82, 88, 100, 101) have needed a filter changeout every time. Analytical results are included for the residences that do not have EPA-installed filter systems but are being monitored periodically for contaminants. There is insufficient historical data for installing new GAC systems.

Appendix C is a table summarizing the dates when each residence was sampled and the date of GAC filter changeout. Also listed is the well-yield and the design flowrate of the installed pump[2]. Some notes are provided for each household, to relate water usage rates with GAC filter changeout.

Appendix D is an excerpt from the JACA RI-FS report for the Cryochem site. The well data provided include depth of wells, the exposed borehole depth, and the well yields as recorded by C.S. Garber.

[2] Pump flowrate information was obtained from C.S. Garber.

Review Of Existing Information

This section reviews the existing information and data. Responses to EPA's questions in the WAF are also presented here.

Analytical Data

Appendix E summarizes the analytical results of the samples collected at the wellhead and shows the maximum concentration detected in each of the six monitoring events (includes duplicates and resamples) for the five COCs. Four of the five COCs are regulated and have MCLs which are listed at the end of the table. Concentrations in the wells that exceed the MCLs have been shaded. This table indicates:

1. 1,1- dichloroethene (DCE) concentrations have exceeded its MCL more times than any other COC. This is because it appears more often than any other COC with a low MCL. A map of the residences in the program with the house numbers shown in boxes, is included in **Appendix F.** Using DCE as an indicator chemical, concentrations of DCE from the last sampling event have been shown for the each residence.

2. Concentrations have decreased over the sampling period in five residences and have increased in three residences. The map marks the houses with increased concentrations (+) and decreased concentrations (-), or marks an (o) for houses that show no trend. Of the seven houses in the program south of Fancy Hill Road, concentrations are remaining steady or decreasing.

3. Trichloroethene (TCE), however, has been detected in this year's sampling rounds for the first time at three residences. Concentrations have been below the MCL of 5 micrograms per liter (μg/L). A (T) on the map marks the houses where TCE has recently appeared. The MCL is very low for TCE, and a slight increase in the present concentration may exceed the regulatory allowance. TCE is also a breakdown product of tetrachloroethene (PCE). Over time, TCE will form other breakdown products, and eventually may produce vinyl chloride (see attached chart in **Appendix E**), which has an MCL of 2 μg/L.

All the collected data indicate a need for continuing OU1. The presence of TCE and the possible presence of vinyl chloride requires continued sampling and monitoring to check the appropriateness of the remedy.

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Cost Effectiveness of the Selected Remedy

Is the existing methodology cost-effective?

Yes, the existing methodology is cost-effective. The estimated present worth cost in the ESD (dated 9/22/94) is $400,000 for the remedy versus $640,000 for the alternative viz. public water supply hookup. The cost of the remedy assumed 20 affected wells and 6 potentially affected wells. The recommendations of this memorandum include reducing sample collection and coliform analyses. Upcoming OU-2 activity and OU-3 activity is expected to reduce offsite migration of COCs. All of this is expected to reduce the annual costs of running OU1 while shortening the time for the remedy. Additional cost-saving measures are discussed in later sections of this memorandum.

A more thorough evaluation of costs can be conducted to check the latest costs for putting in a public water supply for the homes. However, the costs are not expected to change from the September 1994 date when the ESD was issued.

Coliform Testing Requirements

Is it necessary to continue with the coliform testing, especially when the UV lights are replaced on an annual basis?

No, coliform testing does not appear to be necessary. Except for a few occasions, all coliform tests were negative, indicating that coliforms do not pose a significant health problem if the UV lamps are working. We suggest that the coliform testing be discontinued after the April 1996 sampling event. Instead, the UV-lamps should be changed out once a year, regardless of their condition. Residents should be given instructions when to call if their lamps burn out. A telephone call should be made every six months to confirm with the residents that their UV-lamps are in good operating condition. If a residence is part of a sampling program, the CH2M HILL field-sampler visiting the home can do a visual check of the UV lamp.

Residences to be Taken Off the Program

Are there homes that could be removed from the program?

As **Appendix C** indicates, the following residences and Kountry Kitchen could be taken off the program:

Fleck	Box 268
Witman	Box 71
Hallman	Box 100

The Kountry Kitchen (marked with K on the map) has been sampled at the tap in each of the six monitoring rounds. This restaurant does not have an EPA-installed filter system. No site-related compounds have been detected in any of the tap samples, although disinfection byproducts (chloroform, bromodichloromethane) have been detected. It is recommended that monitoring be continued because Kountry Kitchen is a commercial establishment with higher water usage than the homes.

AR000145

GAC Filter Sizing Issues

Would it be possible to calculate the necessary change-out frequency, and reduce/eliminate the residential sampling?

As **Appendix C** indicates, the carbon filter changeout frequency for each home is different. Calculations for sizing the carbon adsorbers, based on typical per capita water usage rates of 45 gpcd (gallons/capita/day) are presented in **Appendix G.** The conclusions are as follows:

- Residences with 3 gpm pumps have carbon beds that are adequately sized for typical flux rates of 5 gpm/ft^2 to 8 gpm/ft^2. Six residences have 10 gpm pumps with the same size carbon adsorbers. The diameter of the adsorbers for these homes is undersized resulting in possible higher headloss through the system. However, the carbon bed size is dependent on several factors including COC concentrations, and type of carbon. Calculations are provided in **Appendix G.**

- The design concentrations at parts per billion, are too low to estimate bed life reliably. Predicted bed lives are high, using conventional methods. (The estimated carbon usage rate is 0.5 lbs per 1,000 gallons treated.)

- The controlling COC for adsorption is DCA which is the lead contaminant i.e. it breaks through first.

- Additional flowrate data, that can be obtained with a flow totalizer, will provide a better basis for predicting the bed life.

Are the filter sizes adequate for those residences where there has been frequent break-through?

The GAC filters appear to be inadequate for the homes with frequent breakthrough. The homes with frequent breakthrough are:

- Box 82 (Pump capacity 10 gpm)
- Box 88 (Pump capacity not known, but expected to be 3 gpm)
- Box 100 (Pump capacity 10 gpm)
- Box 101 (Pump capacity 3 gpm)

Long's Water Technology indicated that all units were sized for a flow-rate of 4 gpm. Historical information indicates that some of these homes have pumps with capacities 10 gpm. However, it is not known if the water usage rates are higher for these residences. Discussions with Barry Long indicate that the sizing of the GAC filters does not appear to be based on multi-component adsorption. Sizing for multi-component adsorption involves using the COC that is least adsorbable to size the unit. All these factors indicate that some homes may continue to experience frequent breakthrough, unless larger carbon adsorbers are installed.

Protectiveness of the Selected Remedy

Are there any changes required to ensure that the selected remedy is protective?

There are no changes required to ensure that the selected remedy is protective. The changes proposed include taking some homes off the program, reducing the sampling effort, changing the criteria for sampling at the mid-point, and discontinuing the confirmatory sampling. These are calculated risks which are not expected to compromise the protectiveness of the remedy.

It should be noted that vinyl chloride is a poorly adsorbing constituent and not a site-related COC. However, it is a degradation product of the COCs and has been detected on site. Its low MCL (2 μg/L) indicates that it can be a concern. Carbon usage will be high if vinyl chloride is detected. We suggest that vinyl chloride activity be closely observed during OU1 and OU2 monitoring programs. Carbon adsorption is typically not the preferred technology for vinyl chloride removal.

TCE has also been detected recently farther offsite. It is a degradation compound with a low MCL and needs to be monitored so that the appropriateness of the remedy can be checked.

Conclusions and Recommendations

The review of Operable Unit 1 indicates that the remedy is necessary, is protective of human health and the environment, and is cost-effective when compared with the alternative public water supply hook-up presented in the ESD.

The following is a proposed scope-of-work and revised schedule for monitoring:

1. Three residents -- the Flecks, the Witmans, and the Hallmans -- will be off the regular monitoring program. The Whitmans will be sampled at the three locations (well, midpoint, and tap) for one more event to confirm past data and because the number of residents at their home have changed.

2. Seven residents who do not have EPA-installed carbon filters will be monitored at the tap only every six months per the requirements of the ESD. When 5 rounds are completed the results will be evaluated to determine if the residents should be added to the regular program. We recommend that Kountry Kitchen continue to be monitored since it has a high water usage and because it is a commercial establishment.

3. Sixteen residents and Mike's Service Station will continue to be sampled at the three locations as part of the regular program, as required in the ESD. The six-month sampling may be modified after adequate flowrate data has been obtained for each resident, and after Operable Unit 2 has been operational for at least 12 months. (We expect changes to occur in offsite concentrations when OU-2 is operational.)

A revised schedule for each of the residential homes is presented in **Appendix H**.

We propose that the present sampling program be modified as indicated:

- No confirmatory sampling and analyses will be done after carbon filters are changed out. Historical data indicates that almost all results were non-detect for the contaminants of concern.

- All carbon filters will be kept operational. No bypass will be installed. However, flowmeters, with digital readouts of flow rate and total flow, will be installed to relate frequency of carbon changeout to concentration and water usage. It is expected that this data will be useful in deciding when to remove the carbon filters.

- The criteria for changeout of carbon will be modified. Instead of changing out the carbon when any contaminant of concern (COC) is detected in the midpoint sample, the changeout will be done only when half the MCL of any COC is exceeded. This will extend the bed life and will still be protective of health because of the presence of the lag carbon filter with relatively unused capacity.

- We propose midpoint sampling instead of sampling at the tap for residents who are off the regular program. This will provide a margin of safety if COCs are detected. The Witmans, the Hallmans, and the Flecks will be removed from the regular program, but we will sample one last round at the Witmans and the Hallmans. We will maintain tap sampling at Kountry Kitchen.

- Coliform testing will be discontinued because results have shown that as long as the ultraviolet lamps are working, there is no bacteria in the treated water.

- The ultraviolet lamps will be replaced annually and whenever they burn out. The condition of the lamps will be checked during sampling events. Signs will be posted near the lamps requesting the residents to call for a lamp replacement when necessary. CH2M HILL can conduct phone surveys to determine the condition of the lamps.

- The configuration of the carbon filters, i.e. two units in series, will not be modified.

- Flow meters, specifically flow totalizers, will be useful in predicting the bed life of the carbon filters. We propose that meters with digital readout be used because they are easier to read, and residents can provide us with the information.

- UV lamps will be replaced annually and whenever they burn out.

- We propose that the carbon maintenance subcontract include a scope of work that requires product specifications of the carbon used in each filter change to be submitted to CH2M HILL. A checklist for maintenance items will be prepared by CH2M HILL and will need to be submitted by the subcontractor after every visit. Residents will be required to sign-off when the subcontractor leaves. We expect this will reduce complaints regarding the subcontractor's housekeeping practices during his visit.

AR000149

Appendix A: Copy of WAF No. 252 with Scope of Work

Appendix B: Tables of Validated Analytical Results

Appendix C: Table of Filter Changeouts

Appendix D: Residential Well Installation Details (from JACA Report of RI-FS)

Appendix E: Comparison of Wellwater with MCLs

Appendix F: Map of Contaminant Trends

Appendix G: Carbon Adsorber Sizing Calculations

Appendix H: Schedule for Sampling of Residential Homes

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Appendix A

Copy of WAF No. 252 with Scope of Work

USEPA

WORK ASSIGNMENT FORM

1. WORK ASSIGNMENT INFORMATION

PROJECT NAME: Cryo Chem OU1 CONTRACTOR: CH2M HILL WORK ASSIGNMENT NO: 90-31-3NM9

ACTIVITY: RD/NZA EPA CONTRACT NO: 68-W9-0090 REVISION NO: 17

DATE: 2/7/96 CONTRACTOR CONTROL NO: _____ MODIFICATION NO: Ø252 (Contracting Officer Use Only)

2. DESCRIPTION OF ACTION:	[ ] INTERIM AMENDMENT	[ ] PARTIAL WORK PLAN APPROVAL	[ ] TECHNICAL DIRECTION MEMORANDUM	[ ] WORK ASSIGNMENT COMPLETION NOTIFICATION
[ ] NEW WORK ASSIGNMENT • Interim SOW, Schedule, and LOE • Complete SOW estimated budget and schedules	• Change in LOE, Scope by task • Add additional tasks or funds [ ] INCREMENTAL FUNDING	FINAL WORK PLAN APPROVAL [ ] Approval of work plan • Add funds AMENDMENT TO FINAL [X] WORK PLAN APPROVAL • Change in LOE, scope or budget by task • Add additional task or funds (include OF 60 or SF 1411)	• Detailed scope, budget and schedule • Revise expenditure • Minor shift within SOW (All changes must be within overall scope, budget, and LOE approved by EPA CO)	(NO ATTACHMENTS) • Contractor originate • Regional determination • When signed by CO, this constitutes a stop work order
REQUIRED APPROVAL EPA REGION HEADQUARTERS	EPA REGION HEADQUARTERS	EPA REGION HEADQUARTERS	EPA REGION	CONTRACTOR

3. BUDGET INFORMATION	TOTAL FUNDING RECEIVED $*	INTERIM BUDGET (TECHNICAL LOE)	INTERIM BUDGET ($)*	APPROVED WORK PLAN BUDGET (TECHNICAL LOE)	APPROVED WORK PLAN BUDGET ($)	EXPENDITURE LIMIT (EL) * (TECHNICAL LOE)	EXPENDITURE LIMIT (EL) * ($)
CURRENT	460,000	,000	,000	4089	429,200	4089	429,200
THIS ACTION	0,000	,000	,000	25	7,500	25	7,500
TOTAL	460,000	,000	,000	4114	436,700	4114	436,700

*Option - dollar estimate may be [redacted]ked regionally in [redacted]diture limit block. EPA [redacted]mated LOE hours of entire WA _____

* INCLUDES FEES

* ESTABLISHED BY RPM/RPO

4. WA COMPLETION DATE CURRENT: 6/30/96 REVISED: 12/30/96

5. EPA COMMENTS:

See Attached

6. APPROVALS

CONTRACTOR SIGNATURES:

SITE MANAGER/FIRM _____ DATE _____

PHONE: _____

REGIONAL MANAGER/FIRM _____ DATE _____

EPA SIGNATURES:

REMEDIAL PROJECT MANAGER _____ DATE 2/7/96

PHONE: (215)-597-8240

REGIONAL PROJECT OFFICER _____ DATE 2/8/96

RECEIVED FEB 08 1996 EPA REGION III CONTRACTS BRANCH

[X] APPROVED AS SUBMITTED [ ] APPROVED WITH CHANGES [ ] NOT APPROVED

SIGNATURE OF CONTRACTING OFFICER _____ DATE APPROVED FEB 20 1996

EPA Project Officer
[redacted]O/RPM
Contractor
EPA Contracting Officer (when only expenditure limit column is used)

ATTACH STATEMENT OF WORK
(PER DESCRIPTION OF ACTION)

AR000152

CONTRACT NO: 68 W8 0090
MODIFICATION NO: 0 252

WA #90-21-SMND9. 17

EPA Comments

CH2M Hill is authorized to negotiate an extension for the subcontracts with WASTEX and Long's Water Technology (small purchase contracts) to coincide with the revised completion date.

In addition, CH2M shall conduct a review of the effectiveness of the selected remedy as called for in the explanation of Significant Differences dated 9/22/94. Historical sample results from each residence generated as a result of the ongoing O&M shall be reviewed, with the following criteria applied:

1. Is the existing methodology cost effective? Would it be possible to calculate the necessary change-out frequency, and reduce/eliminate the residential sampling?

2. Is it necessary to continue with the coliform testing, especially when the UV lights are replaced on an annual basis?

3. Are the filter sizes adequate for those residences where there has been frequent break-through?

4. Are there any changes required to ensure that the selected remedy is protective?

5. Are there homes which could be removed from the program?

This task should be undertaken with the existing data, and the data from the April, 1996 sampling event should be reviewed when it becomes available. A report is due within 30 days of this WAF

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EPA REGION III
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Appendix B

Tables of Validated Analytical Results

CRYOCHEM OU1

Analytical Results

Round 1

Dates Sampled:

September 29 - October 2, 1992

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 6393 Sampling Date(s): 9/29/92

SAS: 7537C-01

SDG: SC4201

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4201		SC4202		SC4203		SC4204		SC4205		SC4206		SC4207		SC4208		SC4209	
	Sample No.	SC4201		SC4202		SC4203		SC4204		SC4205		SC4206		SC4207		SC4208		SC4209	
	Dilution Factor	1		1		1		1		1		10		1		1		1	
	Location	CCS-TQ268-5		CCS-RW268M-2		CCS-RW268W-1		CCS-RW268T-3		CCD-RW105T-4		CCS-RW88M-2		CCS-RW88T-3		CCS-RW88W-1		CCS-RW71W-1	
		TRIP BLANK								DUPLICATE OF SC4210									
1	Chloromethane																	1	
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride									2	B	20	B					1	B
5	Acetone	6	B		R	5	B		R		R	44	B		R	9	B	7	B
1	Carbon Disulfide																		
1	*1,1-Dichloroethene											110							
1	1,1-Dichloroethane											16							
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone											15	B						
1	*1,1,1-Trichloroethane											220							
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

* = Required Quantitation Limit Action Level Exists SEE NARRATIVE FOR CODE DEFINITIONS

Revised 07/90

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6393 Sampling Date(s): 9/29/92

SAS 7537C-01

SDG: SC4201

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4201	SC4202	SC4203	SC4204	SC4205	SC4206	SC4207	SC4208	SC4209
	Sample No.	SC4201	SC4202	SC4203	SC4204	SC4205	SC4206	SC4207	SC4208	SC4209
	Dilution Factor	1	1	1	1	1	10	1	1	1
	Location	CCS-TQ268-5	CCS-RW268M-2	CCS-RW268W-1	CCS-RW268T-3	CCD-RW105T-4	CCS-RW88M-2	CCS-RW88T-3	CCS-RW88W-1	CCS-RW71W-1
		TRIP BLANK				DUPLICATE OF SC4210				
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropane						11			
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3chloropropane									
1	1,2-Dibromoethene									
1	Cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

*Aroclor Level Exists

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Revised 07/9

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OLC01.0

DATA SUMMARY FORM: VOLATILES 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 6393 Sampling Date(s): 9/29/92

SAS 7537C-01

G: SC4201

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

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CRQL	COMPOUND	SC4210		SC4211		SC4212		SC4213		SC4214		SC4215		SC4216		SC4218		SC4220	
	Sample No.	SC4210		SC4211		SC4212		SC4213		SC4214		SC4215		SC4216		SC4218		SC4220	
	Dilution Factor	1		1		1		1/2		1		1		1		1		1	
	Location	CCS-RW105T-3		CCS-RW105M-2		CCS-RW105W-1		CCS-RW108W-1		CCS-RW108M-2		CCS-RW71M-2		CCS-RW71T-3		CCS-RW108M-2		CCS-RQ108.4	
		DUPLICATE OF SC4205																FIELD BLANK	
1	Chloromethane					3													
1	Bromomethane					2													
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride												UJ		UJ			1	B
5	Acetone	6	B	6	B	7	B	6	B	12	B	4	B	7	B	4	B	5	B
1	Carbon Disulfide																		
1	*1,1-Dichloroethene							13											
1	1,1-Dichloroethane							3											
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone								R		R		R	2	B		R		R
1	*1,1,1-Trichloroethane							23	*										
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/9

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6393 Sampling Date(s): 9/29/92

SAS 7537C-01

SDG SC4201

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4210	SC4211	SC4212	SC4213	SC4214	SC4215	SC4216	SC4218	SC4220
	Sample No.	SC4210	SC4211	SC4212	SC4213	SC4214	SC4215	SC4216	SC4218	SC4220
	Dilution Factor	1	1	1	1/2	1	1	1	1	1
	Location	CCS-RW105T-3	CCS-RW105M-2	CCS-RW105W-1	CCS-RW108W-1	CCS-RW108M-2	CCS-RW71M-2	CCS-RW71T-3	CCS-RW108M-2	CCS-FQ108-4
		DUPLICATE OF SC4205								FIELD BLANK
1	*1,2-Dichloropropene									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene				2					
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3 chloropropane									
1	1,2-Dibromoethene									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-[illegible]ichlorobenzene									
1	1,4-[illegible]ichlorobenzene									

SEE NARRATIVE FOR [illegible] DEFINITIONS

*Ac[illegible] Level Exists

[illegible] Quantitat[illegible] Li[illegible]

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OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 6394 Sampling Date(s): 9/30/92

SAS 7537C-01

SDG: SC4217

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4217		SC4219		SC4221		SC4222		SC4223		SC4224		SC4225		SC4226		SC4227	
	Sample No.	SC4217		SC4219		SC4221		SC4222		SC4223		SC4224		SC4225		SC4226		SC4227	
	Dilution Factor	1		1		5		1		1/5		5		5		1		1	
	Location	CCS-RW188M-2		CCS-7Q188-5		CCS-RW188W-1		CCS-RW188T-3		CCS-RW188W-1		CCS-RW104W-1		CCS-RW102W-1		CCS-RW104T-3		CCS-RW104M-2	
				TRIP BLANK						DUPLICATE OF SC4221									
1	Chloromethane																		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride			2	B	40	B					7	B			1	B	1	B
5	Acetone	5	B	7	B		R	6	B	7	B	13	B			7	B	8	B
1	Carbon Disulfide																		
1	*1,1-Dichloroethene					76				72	*	63	J	40	J				
1	1,1-Dichloroethane					47				48	*	10		10					
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone		R				R		R		R								
1	*1,1,1-Trichloroethane					90				88	*	97		120					
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6394 Sampling Date(s): 9/30/92

SAS. 7537C-01

SDG. SC4217

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4217	SC4219	SC4221	SC4222	SC4223	SC4224	SC4225	SC4226	SC4227
	Sample No.	SC4217	SC4219	SC4221	SC4222	SC4223	SC4224	SC4225	SC4226	SC4227
	Dilution Factor	1	1	5	1	1/5	5	5	1	1
	Location	CCS-RW188M-2	CCS-TQ188-5	CCS-RW188-W-1	CCS-RW188T-3	CCS-RW188W-1	CCS-RW104W-1	CCS-RW102W-1	CCS-RW104T-3	CCS-RW104M-2
			TRIP BLANK			DUPLICATE OF SC4221				
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene			5		5	6	6		
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene					1				
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3 chloropropane									
1	1,2-Dibromoethene									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
	1,[illegible] Dichlorobenzene									

RR00161

SE[illegible] ARR[illegible]E FOR CODE DEFINITIONS

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6394 Sampling Date(s): 9/30/92

SAS: 7537C-01

SDG: SC4217

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4228	SC4229	SC4230	SC4231	SC4232	SC4233	SC4234	SC4235	SC4236
	Sample No.	SC4228	SC4229	SC4230	SC4231	SC4232	SC4233	SC4234	SC4235	SC4236
	Dilution Factor	1	1	10	1	1	1	1	1	1
	Location	CCS-RW102M-2	CCS-RW102T-3	CCS-RW74W-1	CCS-RW74M-2	CCS-RW74T-3	CCS-RW100W-1	CCS-RW100M-2	CCS-RW100T-3	CCS-FQ188-5
								DUPLICATE OF SC4239		FIELD BLANK
1	Chloromethane									
1	Bromomethane									
1	*Vinyl Chloride									
1	Chloroethane									
2	*Methylene Chloride		1 B	14 B	2 B	6 B	2 B	UJ	5 B	1 B
5	Acetone			64 B	3 B	R	5 B	8 B	R	6 B
1	Carbon Disulfide									
1	*1,1-Dichloroethene			73	2		3			
1	1,1-Dichloroethane			11	2		1			
1	*Trans-1,2-Dichloroethene									
1	Chloroform									
1	*1,2-Dichloroethane									
5	*2-Butanone			16 B	1 B	R	R	R	R	R
1	*1,1,1-Trichloroethane			120	17		14	2		
1	*Carbon Tetrachloride									
1	Bromodichloromethane									

Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION

AR000162

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCH2M

Case #: 6394 Sampling Date(s): 9/30/92

SAS: 7537C-01

SDG: SC4217

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000163

CRQL	COMPOUND	SC4228	SC4229	SC4230	SC4231	SC4232	SC4233	SC4234	SC4235	SC4236
	Sample No.	SC4228	SC4229	SC4230	SC4231	SC4232	SC4233	SC4234	SC4235	SC4236
	Dilution Factor	1	1	10	1	1	1	1	1	1
	Location	CCS-RW102M-2	CCS-RW102T-3	CCS-RW74W-1	CCS-RW74M-2	CCS-RW74T-3	CCS-RW100W-1	CCS-RW100M-2	CCS-RW100T-3	CCS-FQ188-5
								DUPLICATE OF SC4239		FIELD BLANK
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropane									
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane						2			
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene						2			
1	*Total Xylenes									
1	1,2-Dibromo-3chloropropane									
1	1,2-Dibromoethane									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

*Action Level Exists

SEE NARRATIVE FOR C[illegible] DEFINITIONS

revised 07/90

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 6394 Sampling Date(s): 9/30/92

SAS: 7537C-01

SDG: SC4217

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4239		SC4240	
	Sample No.	SC4239		SC4240	
	Dilution Factor	1		1	
	Location	CCS-RW100M-4		CCS-FQ74-4	
		DUPLICATE OF SC4234		FIELD BLANK	
1	Chloromethane				
1	Bromomethane				
1	*Vinyl Chloride				
1	Chloroethane				
2	*Methylene Chloride	1	B	1	B
5	Acetone	2	B	10	B
1	Carbon Disulfide				
1	*1,1-Dichloroethene				
1	1,1-Dichloroethane				
1	*Trans-1,2-Dichloroethene				
1	Chloroform				
1	*1,2-Dichloroethane				
5	*2-Butanone		R	1	B
1	*1,1,1-Trichloroethane				
1	*Carbon Tetrachloride				
1	Bromodichloromethane				

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6394 Sampling Date(s): 9/30/92

SAS: 7537C-01

SDG: SC4217

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000165

CRQL	COMPOUND	SC4239	SC4240							
	Sample No.	SC4239	SC4240							
	Dilution Factor	1	1							
	Location	CCS-RW100M-4	CCS-FQ74-4							
		DUPLICATE OF SC4234	FIELD BLANK							
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropane									
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3 chloropropane									
1	1,2-Dibromoethane									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

SEE NARRATIVE FOR CODE DEFINITIONS

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6420 Sampling Date(s): 10/1/92

SAS 7537C-01

SDG: SC4237

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	SC4237		SC4238		SC4241		SC4242		SC4243		SC4244		SC4245		SC4247		SC4251	
	Sample No.	SC4237		SC4238		SC4241		SC4242		SC4243		SC4244		SC4245		SC4247		SC4251	
	Dilution Factor	1		1		1		10		1		1		20		1		1	
	Location	CCS-TQ451-4		CCS-RW451W-1		CCS-RW451M-2		CCS-RW107W-1		CCS-RW451T-3		CCS-RW107M-2		CCS-RW73W-1		CCS-RW107T-3		CCS-RW73T-3	
		TRIP BLANK																	
1	Chloromethane																		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	9	B	6	B	8	B	10	B	9	B	6	B	22	B	7	B		UJ
5	Acetone	6	B	7	B	4	B	73	B	4	B	8	B			4	B	5	B
1	Carbon Disulfide					14													
1	*1,1-Dichloroethene			3				32						230					
1	1,1-Dichloroethane			5										47					
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone								R						UJ				UJ
1	*1,1,1-Trichloroethane			6				110						420					
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION.
revised 07/9.

AR000166

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6420 Sampling Date(s): 10/1/92

SAS: 7537C-01

SDG: SC4237

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

R0001167

CRQL	COMPOUND	SC4237	SC4238	SC4241	SC4242	SC4243	SC4244	SC4245	SC4247	SC4251
	Sample No.	SC4237	SC4238	SC4241	SC4242	SC4243	SC4244	SC4245	SC4247	SC4251
	Dilution Factor	1	1	1	10	1	1	20	1	1
	Location	CCS-TQ451-4	CCS-RW451W-1	CCS-RW451M-2	CCS-RW107W-1	CCS-RW451T-3	CCS-RW107M-2	CCS-RW73W-1	CCS-RW107T-3	CCS-RW737-3
		TRIP BLANK								
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropane							31		
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3 chloropropane									
1	1,2-Dibromoethene									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
	1,2-Dichlorobenzene									
	3-[illegible]chlorobenzene						2			
	4-[illegible]chlorobenzene									

*Re[illegible] L[illegible] Ex[illegible]

SEE NARRATIVE FOR CODE DEFINITIONS

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 6420 Sampling Date(s): 10/1/92

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

SAS: 75372-01

SDG: SC4237

R000168

CRQL	COMPOUND	SC4257		SC4258		SC4260		SC4261		SC4262		SC4263		SC4264					
	Sample No.	SC4257		SC4258		SC4260		SC4261		SC4262		SC4263		SC4264					
	Dilution Factor	10		10		1		1		1		5		1					
	Location	CCS-RW103W-1		CCS-RW103M-2		CCS-RW101T-3		CCS-RW106T-3		CCS-RW106M-2		CCS-RW106W-1		CCS-RW103T-3					
						DUPLICATE OF SC4253													
1	Chloromethane							1											
1	Bromomethane							1	J										
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	12	B	13	B	2	B	5	B	1	B	16	B		UJ				
5	Acetone					8	B	7	B	8	B	20	B	4	B				
1	Carbon Disulfide																		
1	*1,1-Dichloroethene	47		13								22							
1	1,1-Dichloroethane											5							
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone		UJ		UJ						UJ		R		UJ				
1	*1,1,1-Trichloroethane	97		130								64		3					
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

AR000169

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6420 Sampling Date(s): 10/1/92

SAS 7537C -01

SDG: SC4237

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

	Sample No.	SC4257	SC4258	SC4260	SC4261	SC4262	SC4263	SC4264		
	Dilution Factor	10	10	1	1	1	5	1		
	Location	CCS-RW103W-1	CCS-RW103M-2	CCS-RW101T-3	CCS-RW106T-3	CCS-RW106M-2	CCS-RW106W-1	CCS-RW103T-3		
				DUPLICATE OF SC4253						
CRQL	COMPOUND									
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3chloropropane									
1	1,2-Dibromoethane									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

*Ar[illegible] n L[illegible] Ex[illegible]

SEE NARRATIVE FOR C[illegible] DEFINITIONS

AR000100

OLC01.0

DATA SUMMARY FORM: VOLATILES 1

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6421 Sampling Date(s): 10/1-2/92

SAS 7537C-01

SDG: SC4246

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

	Sample No.	SC4259		SC4265		SC4266		SC4267		SC4268		SC4269		SC4270		SC4271		SC4272	
	Dilution Factor	2		5		5		1		5		5		1		1		1	
	Location	CCS-RW101M-2		CCS-RW82M-2		CCS-RW82M-3		CCS-TQ82-5		CCS-RW82W-1		CCS-RW89W-1		CCS-RW89M-2		CCS-RW89T-3		CCS-FQ89-4	
				DUPLICATE OF SC4266		DUPLICATE OF SC4265		TRIP BLANK										FIELD BLANK	
CRQL	COMPOUND																		
1	Chloromethane																		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	4	B		UJ	5	B		UJ	5	B	8	B	1	B	2	B	1	B
5	Acetone		R	24	B	36	B	7	B	32	B	31	B	4	B	18	B	3	B
1	Carbon Disulfide																		
1	*1,1-Dichloroethene	6		7						27		49							
1	1,1-Dichloroethane	4		9		9				9		7							
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone	6	B		R		R		R		R		R		R		R		
1	*1,1,1-Trichloroethane	36		63		73				68		43							
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

Action Level Exists

SEE NARRATIVE FOR CODE DEFINITI

revised 07

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6421 Sampling Date(s): 10/1-2/92

SAS. 7537C-01

SDG: SC4246

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

R000171

CRQL	COMPOUND	SC4259	SC4265	SC4266	SC4267	SC4268	SC4269	SC4270	SC4271	SC4272
	Sample No.	SC4259	SC4265	SC4266	SC4267	SC4268	SC4269	SC4270	SC4271	SC4272
	Dilution Factor	2	5	5	1	5	5	1	1	1
	Location	CCS-RW101M2	CCS-RW82M-2	CCS-RW82M-3	CCS-TQ82-5	CCS-RW82W-1	CCS-RW89W-1	CCS-RW89M-2	CCS-RW89T-3	CCS-FQ89-1
			DUPLICATE OF SC4266	DUPLICATE OF SC4265	TRIP BLANK					FIELD BLANK
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethene									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3 chloropropane									
1	1,2-Dibromoethane									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

*Re n Li Ex

SEE NARRATIVE FOR CODE DEFINITIONS

OLC01.0

DATA SUMMARY FORM: VOLATILES 1

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6421 Sampling Date(s): 10/1-2/92

SAS: 7537C-01

SDG: SC4246

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000172

CRQL	COMPOUND	SC4246		SC4248		SC4249		SC4250		SC4252		SC4253		SC4254		SC4255		SC4256	
	Sample No.	SC4246		SC4248		SC4249		SC4250		SC4252		SC4253		SC4254		SC4255		SC4256	
	Dilution Factor	1		1		10		1		1		1		1/5		1		1	
	Location	CCS-RW73M-2		CCS-RW73M-4		CCS-RW72W-1		CCS-RW72M-2		CCS-RW72T-3		CCS-RW101T-4		CCS-RW101W-1		CCS-RWK T-1		CCS-FQ72-4	
		DUPLICATE OF SC4248		DUPLICATE OF SC4246								DUPLICATE OF SC4260						FIELD BLANK	
1	Chloromethane																		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride		UJ	2	B	18	B	3	B	3	B	1	B		UJ	2	B	3	B
5	Acetone	2	B	4	B	41	B	5	B	2	B	15	B	4	B			3	B
1	Carbon Disulfide																		
1	*1,1-Dichloroethene					66								35	*				
1	1,1-Dichloroethane					36								7					
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone		UJ		UJ		R		UJ		UJ	4	B		R		UJ		UJ
1	*1,1,1-Trichloroethane					120								61	*				
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION

revised 07/9

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6421 Sampling Date(s): 10/1-2/92

SAS: 7537C-01

SDG: SC4246

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

R000173

CRQL	COMPOUND	SC4246	SC4248	SC4249	SC4250	SC4252	SC4253	SC4254	SC4255	SC4256
	Sample No.	SC4246	SC4248	SC4249	SC4250	SC4252	SC4253	SC4254	SC4255	SC4256
	Dilution Factor	1	1	10	1	1	1	1/5	1	1
	Location	CCS-RW73M-2	CCS-RW73M-4	CCS-RW72W-1	CCS-RW72M-2	CCS-RW72T-3	CCS-RW101T-4	CCS-RW101W-1	CCS-RWKT-1	CCS-FG72-4
		DUPLICATE OF SC4248	DUPLICATE OF SC4246				DUPLICATE OF SC4260			FIELD BLANK
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene							3		
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone							1		
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3 chloropropane									
1	1,2-Dibromoethane									
1	Cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

*Ac[illegible] Le[illegible] Ex[illegible]

SEE NARRATIVE FOR CODE DEFINITIONS

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6421 Sampling Date(s): 10/1-2/92

SAS: 7537C-01

SDG: SC4246

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

R000174

CRQL	COMPOUND	SC4276	
	Sample No.	SC4276	
	Dilution Factor	1	
	Location	CCS-RW82T-4	
1	Chloromethane		
1	Bromomethane		
1	*Vinyl Chloride		
1	Chloroethane		
2	*Methylene Chloride	1	B
5	Acetone	4	B
1	Carbon Disulfide		
1	*1,1-Dichloroethene		
1	1,1-Dichloroethane		
1	*Trans-1,2-Dichloroethene		
1	Chloroform		
1	*1,2-Dichloroethane		
5	*2-Butanone		R
1	*1,1,1-Trichloroethane		
1	*Carbon Tetrachloride		
1	Bromodichloromethane		

SEE NARRATIVE FOR CODE DEFINITION

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 6421 Sampling Date(s): 10/1-2/92

SAS #: 7537C-01

SDG: SC4246

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

	Sample No.	SC4276																			
	Dilution Factor	1																			
	Location	CCS-RW82T-4																			
CRQL	COMPOUND																				
1	*1,2-Dichloropropane																				
1	Cis-1,3-Dichloropropene																				
1	Trichloroethene																				
1	Dibromochloromethane																				
1	1,1,2-Trichlorethane																				
1	*Benzene																				
1	Trans-1,3-Dichloropropene																				
1	Bromoform																				
5	4-Methyl-2-pentanone																				
5	2-Hexanone																				
1	*Tetrachloroethene																				
1	1,1,2,2-Tetrachloroethane																				
1	*Toluene																				
1	*Chlorobenzene																				
1	*Ethylbenzene																				
1	*Styrene																				
1	*Total Xylenes																				
1	1,2-Dibromo-3 chloropropane																				
1	1,2-Dibromoethane																				
1	cis-1,2-Dichloroethene																				
1	Bromochloromethane																				
1	1,2-Dichlorobenzene																				
1	1,3-Dichlorobenzene																				
1	1,4-Dichlorobenzene																				

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

00175

CRYOCHEM OU1

Analytical Results

Round 2

Date Sampled: November 29, 1992

Resample

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW103T32

.b Name: CH2M HILL/LRD Contract: V34336

.al Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

.trix: (soil/water) WATER Lab Sample ID: 34336018

:ample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05260

.evel: (low/med) LOW Date Received: 11/05/92

: Moisture: not dec. ____ Date Analyzed: 11/10/92

: Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

MK

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW82W-12

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336001

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05223

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. _____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	15	
75-34-3	1,1-Dichloroethane	4	
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	37	
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	1	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

mk.

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW82M-22

b Name: CH2M HILL/LRD Contract: V34336

Code: Case No.: V34336 SAS No.: SDG No.: GC-MS

trix: (soil/water) WATER Lab Sample ID: 34336002

ample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05225

vel: (low/med) LOW Date Received: 11/05/92

Moisture: not dec. Date Analyzed: 11/09/92

Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

oil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

mk

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCD-RW82M-32

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336003

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05230

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	2	
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

MR

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.: CCS-RW82T-42

E NO.: W-12

I2M HILL/LRD Contract: V34336

Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

.l/water) WATER Lab Sample ID: 34336004

ɔol: 5.0 (g/mL) ML Lab File ID: 92M2V05231

.ow/med) LOW Date Received: 11/05/92

: not dec. ____ Date Analyzed: 11/09/92

:AP _____ ID: 0.530 (mm) Dilution Factor: 1.0

ɔt Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

NO.	COMPOUND		Q
7-3	Chloromethane	10	U
83-9	Bromomethane	10	U
01-4	Vinyl chloride	10	U
0-3	Chloroethane	10	U
9-2	Methylene chloride	1	BJ
64-1	Acetone	10	U
15-0	Carbon disulfide	10	U
5-4	1,1-Dichloroethene	1	U
4-3	1,1-Dichloroethane	1	U
-59-0	1,2-Dichloroethene (total)	1	U
66-3	Chloroform	10	U
6-2	1,2-Dichloroethane	1	U
3	2-Butanone	10	U
55-6	1,1,1-Trichloroethane	1	U
23-5	Carbon tetrachloride	10	U
7-4	Bromodichloromethane	10	U
7-5	1,2-Dichloropropane	10	U
61-01-5	cis-1,3-Dichloropropene	10	U
01-6	Trichloroethene	10	U
48-1	Dibromochloromethane	10	U
0-5	1,1,2-Trichloroethane	1	U
-43-2	Benzene	10	U
061-02-6	trans-1,3-Dichloropropene	10	U
5-2	Bromoform	10	U
78-6	2-Hexanone	10	U
3-10-1	4-Methyl-2-pentanone	10	U
7-18-4	Tetrachloroethene	10	U
4-5	1,1,2,2-Tetrachloroethane	10	U
3 88-3	Toluene	10	U
3-90-7	Chlorobenzene	10	U
0-41-4	Ethylbenzene	10	U
42-5	Styrene	10	U
3 -20-7	Xylenes (total)	10	U

AR000181

MR MR

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCSRW74W12DL

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336005DL

Sample wt/vol: 2.5 (g/mL) ML Lab File ID: 92M2V05244

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	20	U
74-83-9	Bromomethane	20	U
75-01-4	Vinyl chloride	20	U
75-00-3	Chloroethane	20	U
75-09-2	Methylene chloride	7	BDJ
67-64-1	Acetone	20	U
75-15-0	Carbon disulfide	20	U
75-35-4	1,1-Dichloroethene	180	D
75-34-3	1,1-Dichloroethane	16	D
540-59-0	1,2-Dichloroethene (total)	2	U
67-66-3	Chloroform	20	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	2-Butanone	20	U
71-55-6	1,1,1-Trichloroethane	260	D
56-23-5	Carbon tetrachloride	20	U
75-27-4	Bromodichloromethane	20	U
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
79-01-6	Trichloroethene	22	D
124-48-1	Dibromochloromethane	20	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
75-25-2	Bromoform	20	U
591-78-6	2-Hexanone	20	U
108-10-1	4-Methyl-2-pentanone	20	U
127-18-4	Tetrachloroethene	8	DJ
79-34-5	1,1,2,2-Tetrachloroethane	20	U
108-88-3	Toluene	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
100-42-5	Styrene	20	U
1330-20-7	Xylenes (total)	20	U

AR000182

M

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW74M-22

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336006

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05233

Level: (low/med) LOW Date Received: 11/05/92

Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	2	
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-TQ82-52

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336K08

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05222

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. _____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-FQ101-42

ab Name: CH2M HILL/LRD Contract: V34336

Code: Case No.: V34336 SAS No.: SDG No.: GC-MS

atrix: (soil/water) WATER Lab Sample ID: 34336K09

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05224

evel: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. Date Analyzed: 11/09/92

C Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	4	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	13	
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW101W12

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336010

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05235

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	26	
75-34-3	1,1-Dichloroethane	5	
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	70	
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	3	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

MN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW101M22

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336011

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05236

Level: (low/med) LOW Date Received: 11/05/92

Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW101T32

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336012

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05237

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. _____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

MKE

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW88W-12

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336013

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05238

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	7	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	62	
75-34-3	1,1-Dichloroethane	9	
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	130	
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	7	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

mf

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW88M-22

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336014

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05239

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	5	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW88T-32

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336015

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05240

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. _____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

mk

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW103W12

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336016

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05241

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/09/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	1	J
75-35-4	1,1-Dichloroethene	19	
75-34-3	1,1-Dichloroethane	5	
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	71	
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	3	J
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	1	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

MR

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW103M22

ab Name: CH2M HILL/LRD Contract: V34336

Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

atrix: (soil/water) WATER Lab Sample ID: 34336017

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05242

evel: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/09/92

C Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	3	BJ
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

MH

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

CCS-RW103T32

Lab Name: CH2M HILL/LRD Contract: V34336

Lab Code: _____ Case No.: V34336 SAS No.: _____ SDG No.: GC-MS

Matrix: (soil/water) WATER Lab Sample ID: 34336018

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 92M2V05260

Level: (low/med) LOW Date Received: 11/05/92

% Moisture: not dec. ____ Date Analyzed: 11/10/92

GC Column: CAP ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon disulfide	10	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (total)	1	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
591-78-6	2-Hexanone	10	U
108-10-1	4-Methyl-2-pentanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylenes (total)	10	U

CRYOCHEM OU1

Analytical Results

Round 3

Dates Sampled: March 2-3, 1993

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 19524 Sampling Date(s): 3/2/93
SAS#: 7571HQ
SDG#: CA300

To calculate sample quantitation lis
(CRQL * Dilution Fac

CRQL	COMPOUND	SCA300		SCA301		SCA302		SCA303		SCA304		SCA305		SCA306		SCA307		SCA3
	Dilution Factor	1		1		1		1		1		1		1		1		1
	Location	CCS-RW-268W-3		CCS-RW-268M-3		CCS-RW268T-3		CCS-RW100W-3		CCS-RW100M-3		CCS-RW100T-3		CCS-RW451W-3		CCS-RW451M-3		CCS-RW4
		Box 268 Well		Box 268 Midpoint		Box 268 Tap		Box 100 Well		Box 100 Midpoint		Box 100 Tap		Box 451 Well		Box 451 Midpoint		Box 451 Tap
1	Chloromethane																	
1	Bromomethane																	
1	*Vinyl Chloride																	
1	Chloroethane																	
2	*Methylene Chloride	5	B	4	B	3	B	2	B	2	B	3	B	0.9	B	0.8	B	3
5	Acetone		R		R	17	B	27	B	17	B	19	B	40	B	20	B	
1	Carbon Disulfide																	
1	*1,1-Dichloroethene							6		7				3				
1	1,1-Dichloroethane			0.6	J			1		1				2				
1	*Trans-1,2-Dichloroethene																	
1	Chloroform																	
1	*1,2-Dichloroethane													0.7	J	0.6	J	
5	*2-Butanone		R		R		R		R		R		R		R		R	
1	*1,1,1-Trichloroethane							19		18				6				
1	*Carbon Tetrachloride																	
1	Bromodichloromethane																	

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINI
revised

AR000196

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM

Case #: 19524 Sampling Date(s): 3/2/93

SAS # 7571 HQ

SDG # : CA300

WATER SAMPLES
(µg/L)

To calculate sample quantitation limi
(CRQL * Dilution Facto

CRQL	COMPOUND	SCA300		SCA301		SCA302		SCA303		SCA304		SCA305		SCA306		SCA307		SCA308
	Dilution Factor	1		1		1		1		1		1		1		1		1
	Location	CCS-RW-268W-3		CCS-RW-268M-3		CCS-RW268T-3		CCS-RW100W-3		CCS-RW100M-3		CCS-RW,00T-3		CCS-RW451W-3		CCS-RW451M-3		CCS-RW451
1	*1,2-Dichloropropane																	
1	Cis-1,3-Dichloropropene																	
1	Trichloroethene							0.6	J	0.5	J							
1	Dibromochloromethane																	
1	1,1,2-Trichlorethane																	
1	*Benzene																	
1	Trans-1,3-Dichloropropene																	
1	Bromoform																	
5	4-Methyl-2-pentanone		R		R		R		R		R		R		R		R	
5	2-Hexanone		R		R		R		R		R		R		R		R	
1	*Tetrachloroethene																	
1	1,1,2,2-Tetrachloroethane																	
1	*Toluene																	
1	*Chlorobenzene																	
1	*Ethylbenzene																	
1	*Styrene																	
1	*Total Xylenes																	
1	1,2-Dibromo-3 chloropropane		R		R		R		R		R		R		R		R	
1	1,2-Dibromoethane																	
1	cis-1,2-Dichloroethene																	
1	Bromochloromethane																	
1	1,2-Dichlorobenzene																	
1	1,3-Dichlorobenzene																	
1	1,4-Dichlorobenzene																	

CRQL Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFIN
revised

DATA SUMMARY FORM: VOLATILES 1

Site Name: CRYOCHEM

Case #: 19524 Sampling Date(s): 3/2/93 - 3/3/93

SAS #: 7571HQ

SDG #: CA300

WATER SAMPLES
(µg/L)

To calculate sample quantitation li
(CRQL * Dilution Fac

		3/2/93 →										→ 3/2/93		3/3/93		3/2/93		3/2/9
	Sample No.	SCA 309		SCA 310		SCA311		SCA312		SCA313		SCA 314		SCA315		SCA 331		SCA33
	Dilution Factor	7.8		1		1		5.6		1		1		2		1		1
	Location	CCS-RW88W-3		CCS-RW88M-3		CCS RW88T-3		CCS-RW103W-3		CCS-RW103M-3		CCS-RW103T-3		CCS-RW82W-3		CCS-TQ0302-3		CCS-FQ03
		Box 88 WELL		Box 88 MIDPOINT		Box 88 TAP		Box 103 WELL		Box 103 MIDPOINT		Box 103 TAP		Box 82 WELL		TRIP BLANK		FIELD BLANK
CRQL	COMPOUND																	
1	Chloromethane																	
1	Bromomethane																	
1	*Vinyl Chloride																	
1	Chloroethane																	
2	*Methylene Chloride	22	B	1	B	1	B		UJ		UJ		UJ	2	B	1	B	0.9
5	Acetone		R	26	B	23	B		R	16	B	14	B		R		R	6
1	Carbon Disulfide																	
1	*1,1-Dichloroethene	60						28						22				
1	1,1-Dichloroethane	7	J					7						4				
1	*Trans-1,2-Dichloroethene																	
1	Chloroform	4	J															
1	*1,2-Dichloroethane																	
5	*2-Butanone		R		R		R		R		R		R		R		R	
1	*1,1,1-Trichloroethane	99		16				85						45				
1	*Carbon Tetrachloride																	
1	Bromodichloromethane																	

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFIN
revised

AR000198

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM 1

WATER SAMPLES
(µg/L)

Case #: 19524 Sampling Date(s): 3/2 - 3/3 1993

SAS#: 7571NQ

SDG#: CA300

To calculate sample quantitation lim
(CRQL * Dilution Fact

CRQL	COMPOUND	SCA309		SCA310		SCA311		SCA312		SCA313		SCA314		SCA315		SCA331		SCA33
	Sample No.	SCA309		SCA310		SCA311		SCA312		SCA313		SCA314		SCA315		SCA331		SCA33
	Dilution Factor	7.8		1		1		5.6		1		1		2		1		1
	Location	CCS-RW88W-3		CCS-RW88M-3		CCS-RW88T-3		CCS-RW103W-3		CCS-RW103M-3		CCS-RW103T-3		CCS-RW82W-3		CCS-TQ0302-3 TRIP BLANK		CCS-FQ030 FIELD BLANK
1	*1,2-Dichloropropane																	
1	Cis-1,3-Dichloropropane																	
1	Trichloroethene	5	J					4	J					2	J			
1	Dibromochloromethane																	
1	1,1,2-Trichlorethane																	
1	*Benzene																	
1	Trans-1,3-Dichloropropene																	
1	Bromoform																	
5	4-Methyl-2-pentanone		R		R		R		R		R		R		R		R	
5	2-Hexanone		R		R		R		R		R		R		R		R	
1	*Tetrachloroethene																	
1	1,1,2,2-Tetrachloroethane																	
1	*Toluene																	
1	*Chlorobenzene																	
1	*Ethylbenzene																	
1	*Styrene																	
1	*Total Xylenes																	
1	1,2-Dibromo-3 chloropropane		R		R		R		R		R		R		R		R	
1	1,2-Dibromoethane																	
1	cis-1,2-Dichloroethene																	
1	Bromochloromethane																	
1	1,2-Dichlorobenzene																	
1	1,3-Dichlorobenzene																	
1	1,4-Dichlorobenzene																	

CRQL [redacted]ontract Required Quantitation Limit

[redacted] Action Level Exists

SEE NARRATIVE [redacted]R CODE DEFINI
[redacted] revised

AR000199

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 19524 Sampling Date(s): 3/2/93

SAS #: 7571 HQ

SDG #: CA300

To calculate sample quantitation li
(CRQL * Dilution Fac

CRQL	COMPOUND	SCA 335		SCA 336															
	Sample No.	SCA 335		SCA 336															
	Dilution Factor	1		1															
	Location	CCD-RW 100W-3		CCD-RW 88M-3															
		DUPLICATE OF SCA 303		DUPLICATE OF SCA 310															
1	Chloromethane																		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	2	B	0.6	B														
5	Acetone		R		R														
1	Carbon Disulfide																		
1	*1,1-Dichloroethene	7																	
1	1,1-Dichloroethane	1																	
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone		R		R														
1	*1,1,1-Trichloroethane	22		15															
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINI
revised

AR000200

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: CRYOCHEM

Case #: 19524 Sampling Date(s): 3/2/93

SAS #: 7571 HQ

SDG #: CA300

To calculate sample quantitation lim
(CRQL * Dilution Fact

CRQL	COMPOUND	SCA 335		SCA 336	
	Sample No.	SCA 335		SCA 336	
	Dilution Factor	1		1	
	Location	CCD-RW100W-3		CCD-RW98M-3	
		DUPLICATE OF SCA 303		DUPLICATE OF SCA 310	
1	*1,2-Dichloropropane				
1	Cis-1,3-Dichloropropene				
1	Trichloroethene	0.6	J		
1	Dibromochloromethane				
1	1,1,2-Trichlorethane				
1	*Benzene				
1	Trans-1,3-Dichloropropene				
1	Bromoform				
5	4-Methyl-2-pentanone		R		R
5	2-Hexanone		R		R
1	*Tetrachloroethene				
1	1,1,2,2-Tetrachloroethane				
1	*Toluene				
1	*Chlorobenzene				
1	*Ethylbenzene				
1	*Styrene				
1	*Total Xylenes				
1	1,2-Dibromo-3 chloropropane		R		R
1	1,2-Dibromoethane				
1	cis-1,2-Dichloroethene				
1	Bromochloromethane				
1	1,2-Dichlorobenzene				
1	1,3-Dichlorobenzene				
1	1,4-Dichlorobenzene				

CRQL Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINI
revised

AR000201

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

Case #: 19524 Sampling Date(s): 3/3/93

SAS #: 7571 HQ

SDG#: CA316

WATER SAMPLES
(µg/L)

To calculate sample quantitation li
(CRQL * Dilution Fac

	Sample No.	SCA316		SCA317		SCA318		SCA319		SCA320		SCA321		SCA322		SCA323		SCA32
	Dilution Factor	1.8		1		6.2		1		1		8.3		1		1		1
	Location	CCS-RW82M-3		CCS-RW82T-3		CCS-RW74W-3		CCS-RW74M-3		CCS-RW74T-3		CCS-RW188W-3		CCS-RW188M-3		CCS-RW188T-3		CCS-RW71
		Box 82 Midpoint		Box 82 Tap		Box 74 Well		Box 74 Midpoint		Box 74 Tap		Box 188 Well		Box 188 Midpoint		Box 188 Tap		Box 7 Wel
CRQL	COMPOUND																	
1	Chloromethane																	
1	Bromomethane																	
1	*Vinyl Chloride																	
1	Chloroethane																	
2	*Methylene Chloride	3	B	0.7	B	9	B	0.7	B	1	B	6	B		UJ	0.6	B	0.5
5	Acetone		R		R		R	13	B	18	B		R		R	20	B	16
1	Carbon Disulfide																	
1	*1,1-Dichloroethene					52						80						2
1	1,1-Dichloroethane	3				7						28						
1	*Trans-1,2-Dichloroethene																	
1	Chloroform																	
1	*1,2-Dichloroethane																	
5	*2-Butanone		R		R		R		R		R		R		R		R	
1	*1,1,1-Trichloroethane	41				110		2				110		4		2		3
1	*Carbon Tetrachloride																	
1	Bromodichloromethane																	

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFI
revised

AR000202

DATA SUMMARY FORM: VOLATILES 2

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 19524 Sampling Date(s): 3/3/93

SAS#: 7571 HQ

SDG#: CA316

To calculate sample quantitation limi
(CRQL * Dilution Facto

CRQL	COMPOUND	SCA316		SCA317		SCA318		SCA319		SCA320		SCA321		SCA322		SCA323		SCA32
	Sample No.	SCA316		SCA317		SCA318		SCA319		SCA320		SCA321		SCA322		SCA323		SCA32
	Dilution Factor	1.8		1		6.2		1		1		8.3		1		1		1
	Location	CCS-RW82M-3		CCS-RW82T-3		CCS-RW74W-3		CCS-RW74M-3		CCS-RW74T-3		CCS-RW188W-3		CCS-RW188M-3		CCS-RW188T-3		CCS-RW71
1	*1,2-Dichloropropane																	
1	Cis-1,3-Dichloropropene																	
1	Trichloroethene											5	J					
1	Dibromochloromethane																	
1	1,1,2-Trichlorethane																	
1	*Benzene																	
1	Trans-1,3-Dichloropropene																	
1	Bromoform																	
5	4-Methyl-2-pentanone		R		R		R		R		R		R		R		R	
5	2-Hexanone		R		R		R		R		R		R		R		R	
1	*Tetrachloroethene													2		0.7	J	
1	1,1,2,2-Tetrachloroethane																	
1	*Toluene													3		2		
1	*Chlorobenzene																	
1	*Ethylbenzene																	
1	*Styrene																	
1	*Total Xylenes													1		0.8	J	
1	1,2-Dibromo-3 chloropropane		R		R		R		R		R		R		R		R	
1	1,2-Dibromoethane																	
1	cis 1,2-Dichloroethene																	
1	Bromochloromethane																	
1	1,2-Dichlorobenzene																	
1	1,3-Dichlorobenzene									0.6	J							
1	1,4-Dichlorobenzene																	

CRQL Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINI
revised

AR000203

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 19524 Sampling Date(s): 3/3/93

SAS#: 7571 HQ

SDG: CA316

To calculate sample quantitation li
(CRQL * Dilution Fac

CRQL	COMPOUND	SCA325		SCA326		SCA327		SCA328		SCA329		SCA330		SCA332		SCA334		SCA33
	Sample No.	SCA325		SCA326		SCA327		SCA328		SCA329		SCA330		SCA332		SCA334		SCA33
	Dilution Factor	1		1		2.5		1		1		1		1		1		1
	Location	CCS-RW71M-3		CCS-RW71T-3		CCS-RW108W3		CCS-RW108M-3		CCS-RW108T-3		CCS-RW66T-3		CCS-TQ0303-3		CCS-FQ0303-3		CCD-RW1
		Box 71 Midpoint		Box 71 Tap		Box 108 Well		Box 108 Midpoint		Box 108 Tap		Box 66 Tap		Trip Blank		Field Blank		Duplic of SCA3
1	Chloromethane																	
1	Bromomethane																	
1	*Vinyl Chloride																	
1	Chloroethane																	
2	*Methylene Chloride	0.6	B	0.6	B	1	B	1	B	0.9	B	0.8	B	1	B	0.8	B	1
5	Acetone	20	B	21	B		R		R	25	B	33	B	23	J	27	J	46
1	Carbon Disulfide																	
1	*1,1-Dichloroethene					18												
1	1,1-Dichloroethane					3												
1	*Trans-1,2-Dichloroethene																	
1	Chloroform																	
1	*1,2-Dichloroethane																	
5	*2-Butanone		R		R		R		R		R		R		R		R	
1	*1,1,1-Trichloroethane					37												5
1	*Carbon Tetrachloride																	
1	Bromodichloromethane																	

CRQL = Contract Required Quantitation Limit

Action Level Exists

SEE NARRATIVE FOR CODE DEFIN
revised

AR000204

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM

Case #: 19524 Sampling Date(s): 3/3/93

SAS#: 7571 HQ

SDG#: CA316

WATER SAMPLES
(µg/L)

To calculate sample quantitation lim
(CRQL * Dilution Facto

CRQL	COMPOUND	SCA325		SCA326		SCA327		SCA328		SCA329		SCA330		SCA332		SCA334		SCA337
	Sample No.	SCA325		SCA326		SCA327		SCA328		SCA329		SCA330		SCA332		SCA334		SCA337
	Dilution Factor	1		1		2.5		1		1		1		1		1		
	Location	CCS-RW-71M-3		CCS-RW 71T-3		CCS-RW108M-3		CCS-RW108M-3		CCS-RW108T-3		CCSRW66T-3		CCS-TQ0303-3 TRIP BLANK		CCSFQ0303-3 FIELD BLANK		CCD-RW188 DUPLICA OF SCA33
1	*1,2-Dichloropropane																	
1	Cis-1,3-Dichloropropene																	
1	Trichloroethene					2	J											
1	Dibromochloromethane																	
1	1,1,2-Trichlorethane																	0.5
1	*Benzene																	
1	Trans-1,3-Dichloropropene																	
1	Bromoform																	
5	4-Methyl-2-pentanone		R		R		R		R		R		R		R		R	
5	2-Hexanone		R		R		R		R		R		R		R		R	
1	*Tetrachloroethene																	2
1	1,1,2,2-Tetrachloroethane																	
1	*Toluene																	5
1	*Chlorobenzene																	
1	*Ethylbenzene																	
1	*Styrene																	
1	*Total Xylenes																	2
1	1,2-Dibromo-3chloropropane		R		R		R		R		R		R		R		R	
1	1,2-Dibromoethane																	
1	cis-1,2-Dichloroethene																	
1	Bromochloromethane																	
1	1,2-Dichlorobenzene																	
1	1,3-Dichlorobenzene																	
1	1,4-Dichlorobenzene																	

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINI
revised

AR000205

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 19524 Sampling Date(s): 3/3/93

SAS#: 7571HQ

SDG#: CA316

To calculate sample quantitation li
(CRQL * Dilution Fac

CRQL	COMPOUND	SCA338																					
	Sample No.	SCA338																					
	Dilution Factor	1																					
	Location	CCD-RW108M-3																					
		DUPLICATE OF SCA328																					
1	Chloromethane																						
1	Bromomethane																						
1	*Vinyl Chloride																						
1	Chloroethane																						
2	*Methylene Chloride	0.8	B																				
5	Acetone	49	B																				
1	Carbon Disulfide																						
1	*1,1-Dichloroethene																						
1	1,1-Dichloroethane																						
1	*Trans-1,2-Dichloroethene																						
1	Chloroform																						
1	*1,2-Dichloroethane																						
5	*2-Butanone		R																				
1	*1,1,1-Trichloroethane																						
1	*Carbon Tetrachloride																						
1	Bromodichloromethane																						

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINI
revised

AR000206

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 19524 Sampling Date(s): 3/3/93

SAS # 7571HQ

SDG #: CA316

To calculate sample quantitation limi
(CRQL * Dilution Facto

CRQL	COMPOUND	SCA338	
	Sample No.	SCA338	
	Dilution Factor	1	
	Location	CCD-RW108M-3	
		Duplicate of SCA328	
1	*1,2-Dichloropropane		
1	Cis-1,3-Dichloropropene		
1	Trichloroethene		
1	Dibromochloromethane		
1	1,1,2-Trichlorethane		
1	*Benzene		
1	Trans-1,3-Dichloropropene		
1	Bromoform		
5	4-Methyl-2-pentanone		R
5	2-Hexanone		R
1	*Tetrachloroethene		
1	1,1,2,2-Tetrachloroethane		
1	*Toluene		
1	*Chlorobenzene		
1	*Ethylbenzene		
1	*Styrene		
1	*Total Xylenes		
1	1,2-Dibromo-3 chloropropane		R
1	1,2-Dibromoethene		
1	cis-1,2-Dichloroethene		
1	Bromochloromethane		
1	1,2-Dichlorobenzene		
1	1,3-Dichlorobenzene		
1	1,4-Dichlorobenzene		

CRQL - Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINI
revised

AR000207

CRYOCHEM OU1

Analytical Results

Round 4

Date Sampled: April 2, 1993

Resample

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name CRYOCHEM

Case #: 35541 Sampling Date(s): 4/2/93

SDG#:

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	CCS-RW100W-4		CCS-RW100M-4		CCS-RW100T-4		CCS-TQ0402-4		CCS-RW82W-4		CCS-RW82M-4		CCS-RW82T-4		CCS-RW82M-4		CCS-RW188W-4	
	Sample No.																		
	Dilution Factor	1		1		1		1		1		1		1		1		1	
	~~% Moisture~~																		
	Location	RW100W		RW100M		RW100T		TQ0402		RW82W		RW82M		RW82T		RW82M		RW188W	
				MS/MSD				TRIP BLANK								DUPLICATE OF CCS-RW82M-4			
10	Chloromethane																		
10	Bromomethane																		
10	*Vinyl Chloride																		
10	Chloroethane																		
10	*Methylene Chloride			1	B			1	J	1	B								
10	Acetone																		
10	Carbon Disulfide																		
1	*1,1-Dichloroethene	3		2						5								44	J
1	1,1-Dichloroethane									2								33	
1	*Total 1,2-Dichloroethene																		
10	Chloroform																		
1	*1,2-Dichloroethane																		
10	*2-Butanone																		
1	*1,1,1-Trichloroethane	14		16						16								53	
10	*Carbon Tetrachloride																		
10	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/92

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM

Case #: 35541 Sampling Date(s): 4/2/93

SDG#: _____

AR000210

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	CCS-RW100W-4		CCS-RW100M-4		CCS-RW100T-4		CCS-TQ0402-4		CCS-RW82W-4		CCS-RW82M-4		CCS-RW82T-4		CCD-RW82M-4		CCS-RW188W-4	
	Sample No.	CCS-RW100W-4		CCS-RW100M-4		CCS-RW100T-4		CCS-TQ0402-4		CCS-RW82W-4		CCS-RW82M-4		CCS-RW82T-4		CCD-RW82M-4		CCS-RW188W-4	
	Dilution Factor	1		1		1		1		1		1		1		1		1	
	Location	RW100W		RW100M		RW100T		TQ0402		RW82W		RW82M		RW82T		RW82M DUPLICATE OF CCS-RW82M-4		RW188W	
10	*1,2-Dichloropropane																		
10	Cis-1,3-Dichloropropene																		
10	Trichloroethene																	3	J
10	Dibromochloromethane																		
1	1,1,2-Trichlorethane																		
10	*Benzene																		
10	Trans-1,3-Dichloropropene																		
10	Bromoform																		
10	4-Methyl-2-pentanone																		
10	2-Hexanone																		
10	*Tetrachloroethene																	2	J
10	1,1,2,2-Tetrachloroethane																		
10	*Toluene																		
10	*Chlorobenzene																		
10	*Ethylbenzene																		
10	*Styrene																		
10	*Total Xylenes																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/92

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name CRYOCHEM

Case #: 35541 Sampling Date(s): 4/2/93

SDG#:

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

	Sample No.	CCS-RW188M-4		CCS-RW188T-4		CC3-FQ0402-4		CCS-RW74W-4		CCS-RW74M-4		CCS-RW74T-4		CCS-RW88W-4		CCS-RW88M-4		CCS-RW88T-4	
	Dilution Factor	1		1		1		1		1		1		1		1		1	
	% Moisture	RW188M		RW188T		FQ0402		RW74W		RW74M		RW74T		RW88W		RW88M		RW88T	
	Location					FIELD BLANK													
CRQL	COMPOUND																		
10	Chloromethane																		
10	Bromomethane																		
10	*Vinyl Chloride																		
10	Chloroethane																		
10	*Methylene Chloride											1	B			1	B	1	B
10	Acetone																		
10	Carbon Disulfide																		
1	*1,1-Dichloroethene	36	J					72	J					23	J				
1	1,1-Dichloroethane	29						6						7					
1	*Total 1,2-Dichloroethene																		
10	Chloroform																		
1	*1,2-Dichloroethane																		
10	*2-Butanone																		
1	*1,1,1-Trichloroethane	46						100						83					
10	*Carbon Tetrachloride																		
10	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM

Case #: 35541 Sampling Date(s): 4/2/93

SDG#: _____

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000212

CRQL	COMPOUND	CCS.RW188M-4		CCS.RW188T-4		CCS.FQ0402-4		CCS.RW74W-4		CCS.RW74M-4		CCS.RW74T-4		CCS.RW88W-4		CCS.RW88M-4		CCS.RW88T-4	
	Sample No.	1		1		1		1		1		1		1		1		1	
	Dilution Factor																		
	Location	RW188M		RW188T		FQ0402		RW74W		RW74M		RW74T		RW88W		RW88M		RW88T	
						FIELD BLANK													
10	*1,2-Dichloropropane																		
10	Cis-1,3-Dichloropropene																		
10	Trichloroethene	3	J					7	J					5	J				
10	Dibromochloromethane																		
1	1,1,2-Trichlorethane																		
10	*Benzene																		
10	Trans-1,3-Dichloropropene																		
10	Bromoform																		
10	4-Methyl-2-pentanone																		
10	2-Hexanone																		
10	*Tetrachloroethene	1	J					3	J					2	J				
10	1,1,2,2-Tetrachloroethane																		
10	*Toluene																		
10	*Chlorobenzene																		
10	*Ethylbenzene																		
10	*Styrene																		
10	*Total Xylenes																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/92

CRYOCHEM OU1

Analytical Results

Round 5

Dates Sampled: April 29-30, 1993

Resample

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 35737 Sampling Date(s): 4/29-30/93

SDG#:

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000214

Corrected Sample No — RW100T5 — RW188T5

CRQL	COMPOUND	RW100W5		RW100M5		RM100T5		RW100W5D		TB0430		FB0430		RW188W5		RW188M5		TW188T5	
	Sample No.	RW100W5		RW100M5		RM100T5		RW100W5D		TB0430		FB0430		RW188W5		RW188M5		TW188T5	
	Dilution Factor	1		1		1		1		1		1		1		1		1	
	~~% Moisture~~	RW100W-5		RW100M-5		RW100T-5		RW100W-5D		TB0436		FB0430		RW188W-5		RW188M-5		RW188T-5	
	Location							DUPLICATE OF RW100W5		TRIP BLANK		Field Blank							
10	Chloromethane																		
10	Bromomethane																		
10	*Vinyl Chloride																		
10	Chloroethane																		
10	*Methylene Chloride													2	B	2	B		
10	Acetone	11	B	9	B	9	B	12	B	12		11		9	B	14	B	13	B
10	Carbon Disulfide									1	J								
1	*1,1-Dichloroethene	3		3				2						28					
1	1,1-Dichloroethane													25					
1	*Total 1,2-Dichloroethene																		
10	Chloroform																		
1	*1,2-Dichloroethane																		
10	*2-Butanone																		
1	*1,1,1-Trichloroethane	9		9				8						34					
10	*Carbon Tetrachloride																		
10	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/92

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM

Case #: 35737 Sampling Date(s): 4/29/93 - 4/30/93

SDG#: _____

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

RW100T5 RW188T5

CRQL	COMPOUND	RW100W5		RW100M5		RW100T5		RW100W5D		TB0430		FB0430		RW188W5		RW188M5		TW188T5	
	Sample No.	RW100W5		RW100M5		RW100T5		RW100W5D		TB0430		FB0430		RW188W5		RW188M5		TW188T5	
	Dilution Factor	1		1		1		1		1		1		1		1		1	
	Location	RW100W-5		RW100M-5		RW100T-5		RW100W-5D		TB0430		FB0430		RW188W-5		RW188M-5		RW188T-5	
								DUPLICATE OF RW100W-5		Trip Blank		Field Blank							
10	*1,2-Dichloropropane																		
10	Cis-1,3-Dichloropropene																		
10	Trichloroethene													2	J				
10	Dibromochloromethane																		
1	1,1,2-Trichlorethane																		
10	*Benzene																		
10	Trans-1,3-Dichloropropene																		
10	Bromoform																		
10	4-Methyl-2-pentanone																		
10	2-Hexanone																		
10	*Tetrachloroethene	2	B	1	B	1	B	1	B	1	B	1	B	2	B	1	B	1	B
10	1,1,2,2-Tetrachloroethane																		
10	*Toluene																		
10	*Chlorobenzene																		
10	*Ethylbenzene																		
10	*Styrene																		
10	*Total Xylenes																		

AR000215

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/92

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name CRYOCHEM

WATER SAMPLES
(µg/L)

Case #: 35737 Sampling Date(s): 4/29-30/93

SDG#:

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000216

CRQL	COMPOUND																						
	Sample No.	FB0430188																					
	Dilution Factor	1																					
	% Moisture	FB0430188																					
	Location	Field Blank																					
10	Chloromethane																						
10	Bromomethane																						
10	*Vinyl Chloride																						
10	Chloroethane																						
10	*Methylene Chloride																						
10	Acetone	9	J																				
10	Carbon Disulfide																						
1	*1,1-Dichloroethene																						
1	1,1-Dichloroethane																						
1	*Total 1,2-Dichloroethene																						
10	Chloroform																						
1	*1,2-Dichloroethane																						
10	*2-Butanone																						
1	*1,1,1-Trichloroethane																						
10	*Carbon Tetrachloride																						
10	Bromodichloromethane																						

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/92

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: CRYOCHEM

Case #: 35737 Sampling Date(s): 4/29-30/93

SDG#: _____

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000217

CRQL	COMPOUND	FB0430188	FB0430188
	Sample No.	FB0430188	FB0430188
	Dilution Factor	1	
	Location	Field Blank	
10	*1,2-Dichloropropane		
10	Cis-1,3-Dichloropropene		
10	Trichloroethene		
10	Dibromochloromethane		
1	1,1,2-Trichlorethane		
10	*Benzene		
10	Trans-1,3-Dichloropropene		
10	Bromoform		
10	4-Methyl-2-pentanone		
10	2-Hexanone		
10	*Tetrachloroethene	1 B	
10	1,1,2,2-Tetrachloroethane		
10	*Toluene		
10	*Chlorobenzene		
10	*Ethylbenzene		
10	*Styrene		
10	*Total Xylenes		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

Revised 07/92

CRYOCHEM OU1

Analytical Results

Round 6

Dates Sampled: September 29-30, 1993

TA S Y FOR V O I L 1

Site Name: Cryochem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/29-30/93

To calculate sample quantitation limits
(CRDL * Dilution Factor

AR000219

CRQL	COMPOUND	SC6329		SC6334		SCA342		SCA343		SCA344		SCA345		SCA346		SCA347		SCA353	
	Dilution Factor	1.0		1.0		1.0/5.0		1.0		1.0		1.0/20.0		1.0		1.0		1.0	
	Location	CCS-TQ0929-6 TRIP BLANK		CCS-FQ0929-6 FIELD BLANK		CCS-RW72W-6		CCS-RW72M-6		CCS-RW72T-6		CCS-RW73W-6		CCS-RW73M-6		CCS-RW73T-6		CCD-RW105M- DUPLICATE OF SCA388	
1	Chloromethane									0.08	B	0.1	B			0.1	B	0.2	
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	0.2	J	0.2	J			0.04	B	0.2	B			0.1	B	0.3	B	0.4	
5	Acetone		R		R		R		R		R		R		R		R		
1	Carbon Disulfide													0.3	B				
1	*1,1-Dichloroethene					**52						**150							
1	1,1-Dichloroethane					25						**38							
1	*cis-1,2-Dichloroethene					0.08	J					0.4	J						
1	Chloroform					0.08	J					0.3	J						
1	*1,2-Dichloroethane					0.3	J												
5	*2-Butanone		R		R		R		R		R		R		R		R		
1	*1,1,1-Trichloroethane					**91						**270						0.1	
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		
1	trans-1,2-Dichloroethene																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITI

revised 07,

** Results taken from diluted analysis

Site Name: Cryochem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/29-30/93

To calculate sample quantitation limit
(CRQL * Dilution Facto

ARO00220

CRQL	COMPOUND	SC6329	SC6334	SCA342	SCA343	SCA344	SCA345	SCA346	SCA347	SCA353
	Dilution Factor	1.0	1.0	1.0/5.0	1.0	1.0	1.0/20.0	1.0	1.0	1.0
	Location	CCS-TQ0929-6 TRIP BLANK	CCS-FQ0929-6 FIELD BLANK	CCS-RW72W-6	CCS-RW72M-6	CCS-RW72I-6	CCS-RW73W-6	CCS-RW73M-6	CCS-RW73I-6	CCD-RW105M-DUPLICATE OF SCA388
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene			4			19			
1	Dibromochloromethane									
1	1,1,2-Trichloroethane			0.3 J			0.8 J			
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene			2			10			
1	Bromochloromethane									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									
1	1,2-Dibromo-3-Chloropropane									
1	1,2-Dibromoethane									
1	1,2-Dichlorobenzene									

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITI

revised 07

Site Name: Cryochem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/29-30/93

To calculate sample quantitation limi
(CRDL * Dilution Fact

	Sample No.	SCA372		SCA373		SCA387		SCA388		SCA389		SCA390		SCA391		SCA392		SCA435
	Dilution Factor	1.0		1.0		1.0/5.0		1.0		1.0/8.0		1.0/5.0		1.0		1.0		1.0
	Location	CCS-RW100W-6		CCS-RW100M-6		CCS-RW105SW-6		CCS-RW105M-6 DUPLICATE OF SCA353		CCS-RW105T-6		CCS-RW106W-6		CCS-RW106M-6		CCS-RW106T-6		CCS-RW116
CRQL	COMPOUND																	
1	Chloromethane							0.2	B			0.2	B	0.2	B	0.1	B	
1	Bromomethane																	
1	*Vinyl Chloride					0.2	J											
1	Chloroethane																	
2	*Methylene Chloride					4		0.4	B			0.07	B	0.5	B	0.9	B	
5	Acetone		R		R		R		R		R		R		R		R	
1	Carbon Disulfide																	
1	*1,1-Dichloroethene	3		2		**42				**44		**37						3
1	1,1-Dichloroethane	0.7	J	0.9	J	7				8		7						0.9
1	*cis-1,2-Dichloroethene					0.08	J			0.08	J	0.06	J					
1	Chloroform					0.1	J			0.1	J	0.1	J					0.06
1	*1,2-Dichloroethane																	
5	*2-Butanone		R		R		R		R		R		R		R		R	
1	*1,1,1-Trichloroethane	11		14		**100				**100		**95						10
1	*Carbon Tetrachloride																	
1	Bromodichloromethane																	
1	trans-1,2-Dichloroethene																	

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINIT

revised 0

** Results taken from diluted analysis

AR000221

Site Name: Cryochem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/29-30/93

To calculate sample quantitation limit
(CRDL * Dilution Facto

	Sample No.	SCA372		SCA373		SCA387		SCA388		SCA389		SCA390		SCA391		SCA392		SCA435	
	Dilution Factor	1.0		1.0		1.0/5.0		1.0		1.0/8.0		1.0/5.0		1.0		1.0		1.0	
	Location	CCS-RW100W-6		CCS-RW100M-6		CCS-RW105SW-6		CCS-RW105M-6 DUPLICATE OF SCA353		CCS-RW105T-6		CCS-RW106W-6		CCS-RW106M-6		CCS-RW106T-6		CCS-RW116W-	
CRQL	COMPOUND																		
1	*1,2-Dichloropropane																		
1	Cis-1,3-Dichloropropene																		
1	Trichloroethene	0.3	J	0.3	J	4				3		4						0.5	
1	Dibromochloromethane																		
1	1,1,2-Trichloroethane					0.2	J			0.2	J	0.2	J						
1	*Benzene																		
1	Trans-1,3-Dichloropropene																		
1	Bromoform																		
5	4-Methyl-2-pentanone																		
5	2-Hexanone																		
1	*Tetrachloroethene	0.2	J	0.2	J	1				0.7	J	2						0.3	
1	Bromochloromethane																		
1	1,1,2,2-Tetrachloroethane											0.07	J						
1	*Toluene																		
1	*Chlorobenzene																		
1	*Ethylbenzene																		
1	*Styrene																		
1	*Total Xylenes																		
1	1,3-Dichlorobenzene																		
1	1,4-Dichlorobenzene																		
1	1,2-Dibromo-3-Chloropropane																		
1	1,2-Dibromoethane																		
1	1,2-Dichlorobenzene																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITI

revised 07,

AR000022

Site Name: [illegible]ryochem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/29-30/93

To calculate sample quantitation limi
(CRDL * Dilution Fact

CRQL	COMPOUND	SCA436		SCA437	
	Sample No.	SCA436		SCA437	
	Dilution Factor	1.0		1.0	
	Location	CCS-RW116M-6		CCS-RW116I-6	
1	Chloromethane	0.3	B	0.1	B
1	Bromomethane				
1	*Vinyl Chloride				
1	Chloroethane				
2	*Methylene Chloride			0.6	B
5	Acetone		R		R
1	Carbon Disulfide				
1	*1,1-Dichloroethene				
1	1,1-Dichloroethane				
1	*cis-1,2-Dichloroethene				
1	Chloroform				
1	*1,2-Dichloroethane				
5	*2-Butanone		R		R
1	*1,1,1-Trichloroethane				
1	*Carbon Tetrachloride				
1	Bromodichloromethane				
1	trans-1,2-Dichloroethene				

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINIT

revised C

AR000223

Site Name: Cryochem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/29-30/93

To calculate sample quantitation limits:
(CRDL * Dilution Factor

	Sample No.	SCA436	SCA437							
	Dilution Factor	1.0	1.0							
	Location	CCS-RW116M-6	CCS-RW116T-6							
CRQL	COMPOUND									
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichloroethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene									
1	Bromochloromethane									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									
1	1,2-Dibromo-3-Chloropropane									
	1,2-Dibromoethane									
	1,2-Dichlorobenzene									

CRQL = Contract Required Quantitation Limit *Action Level Exists SEE NARRATIVE FOR CODE DEFINITION

revised 07/9

AR000224

Site Name: Croychem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/30/93

To calculate sample quantitation limits:
(CRDL * Dilution Factor)

CRQL	COMPOUND	SC6330		SC6331		SC6335		SCA339		SCA340		SCA341		SCA348		SCA349		SCA350	
	Dilution Factor	1.0		1.0/5.0		1.0		1.0		1.0		1.0		1.0/8.0		1.0		1.0	
	Location	CCS-TQ0930-6 TRIP BLANK		CCD-RW101W-6 DUPLICATE OF SCA375		CCS-FQ0930-6 FIELD BLANK		CCS-RW71W-6		CCS-RW71M-6		CCS-RW71T-6		CCS-RW74W-6		CCS-RW74M-6		CCS-RW74T-6	
1	Chloromethane			0.2	B	0.2	J	0.4	B	0.3	B			0.3	B	0.4	B	0.1	B
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	0.2	J									0.1	B	0.1	B	0.1	B		
1	Acetone		R		R		R		R		R		R		R		R		R
1	Carbon Disulfide	0.3	J																
1	*1,1-Dichloroethene			**23				0.8	J					**48					
1	1,1-Dichloroethane			6				0.6	J					11	J				
1	*cis-1,2-Dichloroethene													0.1	J				
1	Chloroform			0.09	J									0.09	J				
1	*1,2-Dichloroethane													0.3	J				
5	*2-Butanone		R		R		R		R		R		R		R		R		R
1	*1,1,1-Trichloroethane			**73				5						**130	J	0.1	J		
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		
1	*trans-1,2-Dichloroethene																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/90

** Results taken from diluted analysis

AR000225

Site Name: Croychem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/30/93

To calculate sample quantitation limits:
(CRDL * Dilution Factor)

	Sample No.	SC6330	SC6331	SC6335	SCA339	SCA340	SCA341	SCA348	SCA349	SCA350
	Dilution Factor	1.0	1.0/5.0	1.0	1.0	1.0	1.0	1.0/8.0	1.0	1.0
	Location	CCS-TQ0930-6 TRIP BLANK	CCD-RW101W-6 DUPLICATE OF SCA375	CCS-FQ0930-6 FIELD BLANK	CCS-RW71W-6	CCS-RW71M-6	CCS-RW71T-6	CCS-RW74W-6	CCS-RW74M-6	CCS-RW74T-6
CRQL	COMPOUND									
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene		4		0.3 J			6		
1	Dibromochloromethane									
1	1,1,2-Trichloroethane							0.2 J		
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene		2		0.6 J			3		
1	Bromochloromethane									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromoethane									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene							1	0.9 J	3
1	1,2-Dibromo-3-chloropropane									
1	1,2-Dichlorobenzene									

CRQL = Contract Required Quantitation Limit *Action Level Exists SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/90

R00226

Site Name: Croychem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/30/93

To calculate sample quantitation limits:
(CRDL * Dilution Factor)

CRQL	COMPOUND	SCA362		SCA374		SCA375		SCA376		SCA377		SCA462		SCA463		SCA464			
	Dilution Factor	1.0		1.0		1.0/5.0		1.0		1.0		1.0		1.0		1.0			
	Location	CCD-RW268M-6 DUPLICATE OF SCA463		CCS-RW100T-6		CCS-RW101W-6 DUPLICATE OF SC6331		CCS-RW101M-6		CCS-RW101T-6		CCS-RW268W-6		CCS-RW268M-6 DUPLICATE OF SCA362		CCS-RW268T-6			
1	Chloromethane	0.1	B									0.3	B	0.4	B	0.2	B		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	0.09	B							0.1	B	0.6	B	0.2	B	0.3	B		
1	Acetone		R		R		R		R		R		R		R		R		R
1	Carbon Disulfide																		
1	*1,1-Dichloroethene					**27		0.3	J										
1	1,1-Dichloroethane	0.7	J			6								0.6	J				
1	*cis-1,2-Dichloroethene																		
1	Chloroform					0.1	J												
1	*1,2-Dichloroethane					0.1	J												
5	*2-Butanone		R		R		R		R		R		R		R		R		R
1	*1,1,1-Trichloroethane	0.3	J			**69		6						0.2	J				
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		
1	*trans-1,2-Dichloroethene																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION
revised 07/90

** Results taken from diluted analysis

AR000227

Site Name: Croychem

WATER SAMPLES
(ug/L)

Case #: 20892 Sampling Date(s): 9/30/93

To calculate sample quantitation limits
(CRDL * Dilution Factor

CRQL	COMPOUND	SCA362	SCA374	SCA375	SCA376	SCA377	SCA462	SCA463	SCA464	
	Sample No.	SCA362	SCA374	SCA375	SCA376	SCA377	SCA462	SCA463	SCA464	
	Dilution Factor	1.0	1.0	1.0/5.0	1.0	1.0	1.0	1.0	1.0	
	Location	CCD-RW268M-6 DUPLICATE OF SCA463	CCS-RW100T-6	CCS-RW101W-6 DUPLICATE OF SC6331	CCS-RW101M-6	CCS-RW101T-6	CCS-RW268W-6	CCS-RW268M-6 DUPLICATE OF SCA362	CCS-RW268T-6	
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene			3						
1	Dibromochloromethane									
1	1,1,2-Trichloroethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone									
1	*Tetrachloroethene			1	0.05 J		0.07 J			
1	Bromochloromethane									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromoethane									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									
1	1,2-Dibromo-3-chloropropane									
1	1,2-Dichlorobenzene									

CRQL = Contract Required Quantitation Limit *Action Level Exists SEE NARRATIVE FOR CODE DEFINITI

revised 07/

AR000228

CRYOCHEM OU1

Analytical Results

Round 7

Date Sampled: November 10, 1993

Resample

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name Chyochem

WATER SAMPLES
(µg/L)

Case #: 26062 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000230

CRQL	COMPOUND	CCSTQ-1		CCSFQ-1		CCSRW89T7		CCSRW89M7		CCSRW89W7		CCSRW101T7		CCSRW101M7		CCSRW101W7		CCDRW101T7	
	Sample No.	CCSTQ-1		CCSFQ-1		CCSRW89T7		CCSRW89M7		CCSRW89W7		CCSRW101T7		CCSRW101M7		CCSRW101W7		CCDRW101T7	
	Dilution Factor	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0 | 5.0*		1.0	
	Location	Trip Blank		Field Blank								DUPLICATE OF CCDRW101T7						DUPLICATE OF CCSRW101T7	
1	Chloromethane			0.30	J					1	B								
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	0.60	B	0.70	B			0.50	B										
5	Acetone	2	B	2	B		R	2	B	2	B	1	B	1	B	2	B	2	B
1	Carbon Disulfide																		
1	*1,1-Dichloroethene															*29			
1	1,1-Dichloroethane															5			
1	*Trans-1,2-Dichloroethene																		
1	Chloroform	0.30	J	0.40	J														
1	*1,2-Dichloroethane																		
5	*2-Butanone		R	2	J	2	J		R		R		R	3	J		R		R
1	*1,1,1-Trichloroethane															*57			
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION
revised 07/93

* taken from dilution

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: Cryochem

Case #: 26062 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	CCSTQ-1	CCSFQ-1	CCSRW89T7	CCSRW89M7	CCSRW89W7	CCSRW101T7	CCSRW101M7	CCSRW101W7	CCDRW101T7
	Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Location	Trip Blank	Field Blank				DUPLICATE OF CCDRW101T7			DUPLICATE OF CCSRW101T7
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene								3	
1	Trichloroethene									
1	Dibromochloromethane									
1	1,1,2-Trichlorethane					1				
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone								2	
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3-Chloropropane									
1	1,2-Dibromoethane									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

revised 07/92

AR000023

OLC01.0

DATA SUMMARY FORM: VOLATILES 1

Site Name Cryochem

WATER SAMPLES
(µg/L)

Case #: 26062 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000232

CRQL	COMPOUND	CCSRW102T7		CCSRW102M7		CCSRW102W7		CCSRW104T7		CCSRW104M7		CCSRW104W7		CCSRW105T7		CCSRW105M7		CCSRW105W7	
	Sample No.																		
	Dilution Factor	1.0		1.0		1.0 | 5.0*		1.0		1.0		1.0 | 5.0*		1.0 | 10.0*		1.0		1.0 | 5.0*	
	Location													DUPLICATE OF CCDRW105T7					
1	Chloromethane									0.40	B								
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride	0.40	B																
5	Acetone	2	B	2	B	2	B	2	B	2	B		R	2	B	2	B	2	B
1	Carbon Disulfide																		
1	*1,1-Dichloroethene					* 40						* 29		* 42				* 37	
1	1,1-Dichloroethane					6						5		7				7	
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone		R		R		R	1	J	3	J	7	J	2	J		R		R
1	*1,1,1-Trichloroethane					* 81						* 54		* 86		0.40		* 77	
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

* taken from dilution

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: Cryochem

Case #: 26062 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	CCSRW102T7	CCSRW102M7	CCSRW102W7	CCSRW104T7	CCSRW104M7	CCSRW104W7	CCSRW105T7	CCSRW105M7	CCSRW105W7
	Sample No.	CCSRW102T7	CCSRW102M7	CCSRW102W7	CCSRW104T7	CCSRW104M7	CCSRW104W7	CCSRW105T7	CCSRW105M7	CCSRW105W7
	Dilution Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	Location							DUPLICATE OF CCDRW105T7		
1	*1,2-Dichloropropane									
1	Cis-1,3-Dichloropropene									
1	Trichloroethene			4			3	4		4
1	Dibromochloromethane									
1	1,1,2-Trichlorethane									
1	*Benzene									
1	Trans-1,3-Dichloropropene									
1	Bromoform									
5	4-Methyl-2-pentanone									
5	2-Hexanone			2			2	0.5D		2
1	*Tetrachloroethene									
1	1,1,2,2-Tetrachloroethane									
1	*Toluene									
1	*Chlorobenzene									
1	*Ethylbenzene									
1	*Styrene									
1	*Total Xylenes									
1	1,2-Dibromo-3-Chloropropane									
1	1,2-Dibromoethane									
1	cis-1,2-Dichloroethene									
1	Bromochloromethane									
1	1,2-Dichlorobenzene									
1	1,3-Dichlorobenzene									
1	1,4-Dichlorobenzene									

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/9

AR000233

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name Cryochem

WATER SAMPLES
(µg/L)

Case #: 26062 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000234

CRQL	COMPOUND	CCDRW1D5T7	
	Sample No.	CCDRW1D5T7	
	Dilution Factor	1.0 | 10.0* ~~TAS~~	
	Location	DUPLICATE OF CCSRW1D5T7	
1	Chloromethane		
1	Bromomethane		
1	*Vinyl Chloride		
1	Chloroethane		
2	*Methylene Chloride		
5	Acetone	3	B
1	Carbon Disulfide		
1	*1,1-Dichloroethene	* 37	
1	1,1-Dichloroethane	8	
1	*Trans-1,2-Dichloroethene		
1	Chloroform		
1	*1,2-Dichloroethane		
5	*2-Butanone		R
1	*1,1,1-Trichloroethane	* 74	
1	*Carbon Tetrachloride		
1	Bromodichloromethane		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

* 1.0 [illegible] dilution

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: Cryochem

Case #: 26062 Sampling Date(s): 10/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	CCDRW105T7		DUPLICATE OF CCSRW105T7																			
	Sample No.	CCDRW105T7		DUPLICATE OF CCSRW105T7																			
	Dilution Factor	1.0																					
	Location																						
1	*1,2-Dichloropropane																						
1	Cis-1,3-Dichloropropene																						
1	Trichloroethene	4																					
1	Dibromochloromethane																						
1	1,1,2-Trichlorethane																						
1	*Benzene																						
1	Trans-1,3-Dichloropropene																						
1	Bromoform																						
5	4-Methyl-2-pentanone																						
5	2-Hexanone																						
1	*Tetrachloroethene	0.60	J																				
1	1,1,2,2-Tetrachloroethane																						
1	*Toluene																						
1	*Chlorobenzene																						
1	*Ethylbenzene																						
1	*Styrene																						
1	*Total Xylenes																						
1	1,2-Dibromo-3-Chloropropane																						
1	1,2-Dibromoethane																						
1	cis-1,2-Dichloroethene																						
1	Bromochloromethane																						
1	1,2-Dichlorobenzene																						
1	1,3-Dichlorobenzene																						
1	1,4-Dichlorobenzene																						

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS

Revised 07/92

AR000235

OLC01.0

DATA SUMMARY FORM: VOLATILES 1

Site Name Cryochem

WATER SAMPLES
(µg/L)

Case #: 26063 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000236

CRQL	COMPOUND	CCSRW74T7		CCSRW74M7		CCSRW74W7		CCSRW88T7		CCSRW88M7		CCSRW88W7		CCDRW88T7		CCSRW100T7		CCSRW100M7	
	Sample No. / Dilution Factor	1.0		1.0		1.0 / 5.0*		1.0		1.0		1.0 / 5.0*		1.0		1.0		1.0	
	Location							DUPLICATE OF CCDRW88T7						DUPLICATE OF CCSRW88T7		DUPLICATE OF CCDRW100T7			
1	Chloromethane						UJ												
1	Bromomethane						UJ												
1	*Vinyl Chloride						UJ												
1	Chloroethane						UJ												
2	*Methylene Chloride	0.40	B	0.40	B	2*	B	0.4	B			0.4	B					0.3	B
5	Acetone	9	B	7	B	48*	B		R		R		R		R	4	B	8	B
1	Carbon Disulfide						UJ												
1	*1,1-Dichloroethene					20*						38*						2	
1	1,1-Dichloroethane					6*						7						0.60	J
1	*Trans-1,2-Dichloroethene						UJ												
1	Chloroform						UJ												
1	*1,2-Dichloroethane						UJ												
5	*2-Butanone	33	B	9	B	120*	B	37	B		R		R		R	5	B	20	B
1	*1,1,1-Trichloroethane					80*						110*						8	
1	*Carbon Tetrachloride						UJ												
1	Bromodichloromethane						UJ												

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

* results taken from dilution

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

WATER SAMPLES
(µg/L)

Site Name: Cryochem

Case #: 26063 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000237

CRQL	Sample No. / Dilution Factor / Location / COMPOUND	CCSRW74T7		CCSRW74M7		CCSRW74W7		CCSRW78T7		CCSRW78M7		CCSRW78W7		CCDRW88T7		CCSRW100T7		CCSRW100M7	
	Dilution Factor	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
	Location							DUPLICATE OF CCDRW88T7						DUPLICATE OF CCSRW88T7		DUPLICATE OF CCDRW100T7			
1	*1,2-Dichloropropane						UJ												
1	Cis-1,3-Dichloropropene						UJ											0.30	J
1	Trichloroethene					1	J					6							
1	Dibromochloromethane						UJ												
1	1,1,2-Trichlorethane						UJ												
1	*Benzene						UJ												
1	Trans-1,3-Dichloropropene						UJ												
1	Bromoform						UJ												
5	4-Methyl-2-pentanone		R		R		R		R		R		R		R		R		R
5	2-Hexanone					0.70	J					3	J						
1	*Tetrachloroethene						UJ												
1	1,1,2,2-Tetrachloroethane						UJ												
1	*Toluene						UJ												
1	*Chlorobenzene						UJ												
1	*Ethylbenzene						UJ												
1	*Styrene						UJ												
1	*Total Xylenes						UJ												
1	1,2-Dibromo-3-Chloropropane						UJ												
1	1,2-Dibromoethane						UJ												
1	cis-1,2-Dichloroethene						UJ												
1	Bromochloromethane						UJ												
1	1,2-Dichlorobenzene						UJ												
1	1,3-Dichlorobenzene						UJ												
1	1,4-Dichlorobenzene	0.30	J	0.50	J	0.50	J												

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION

Revised 07/9

OLC01.0

DATA SUMMARY FORM: VOLATILES 1

Site Name Cryochem

WATER SAMPLES
(µg/L)

Case #: 26063 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000238

CRQL	COMPOUND	CCSRW100W7		CCDRW100T7		CCSRW103T7		CCSRW103M7		CCSRW103W7		CCSRW105T7		CCSRW105M7		CCSRW105W7			
	Sample No.																		
	Dilution Factor	1.0		1.0		1.0		1.0		1.0 | 5.0*		1.0		1.0		1.0 | 5.0*			
	Location			DUPLICATE OF CCSRW100T7															
1	Chloromethane																		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride																		
5	Acetone	4	B		R	2	B	3	B		R		R		R	3	B		
1	Carbon Disulfide																		
1	*1,1-Dichloroethene	2								26*						9			
1	1,1-Dichloroethane	0.70	J							5						2			
1	*Trans-1,2-Dichloroethene																		
1	Chloroform																		
1	*1,2-Dichloroethane																		
5	*2-Butanone	7	B	2	B		R	1	B		R		R		R	10	B		R
1	*1,1,1-Trichloroethane	9								67*						25			
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

* Result taken from dilution

OLC01.0

DATA SUMMARY FORM: V O L A T I L E S 2

WATER SAMPLES
(µg/L)

Site Name: Cryochem

Case #: 26063 Sampling Date(s): 11/10/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000239

CRQL	COMPOUND	CCSRW100W7		CCDRW100T7		CCSRW103T7		CCSRW103M7		CCSRW103W7		CCSRW108T7		CCSRW108M7		CCSRW108W7			
	Sample No.	CCSRW100W7		CCDRW100T7		CCSRW103T7		CCSRW103M7		CCSRW103W7		CCSRW108T7		CCSRW108M7		CCSRW108W7			
	Dilution Factor	1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0			
	Location			DUPLICATE OF CCSRW100T7															
1	*1,2-Dichloropropene																		
1	Cis-1,3-Dichloropropene																		
1	Trichloroethene	0.40	J							4						1			
1	Dibromochloromethane																		
1	1,1,2-Trichlorethane																		
1	*Benzene																		
1	Trans-1,3-Dichloropropene																		
1	Bromoform																		
5	4-Methyl-2-pentanone																		
5	2-Hexanone		R		R		R		R		R		R		R		R		
1	*Tetrachloroethene									2						0.6	J		
1	1,1,2,2-Tetrachloroethane																		
1	*Toluene																		
1	*Chlorobenzene																		
1	*Ethylbenzene																		
1	*Styrene																		
1	*Total Xylenes																		
1	1,2-Dibromo-3-Chloropropane																		
1	1,2-Dibromoethane																		
1	cis-1,2-Dichloroethene																		
1	Bromochloromethane																		
1	1,2-Dichlorobenzene																		
1	1,3-Dichlorobenzene																		
1	1,4-Dichlorobenzene																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION

revised 07/9

OL001.0

DATA SUMMARY FORM: V O L A T I L E S 1

Site Name Cryochem

WATER SAMPLES
(µg/L)

Case #: 26064 Sampling Date(s): 11/11/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000240

CRQL	COMPOUND	CCSRW82T7		CCSRW82N7		CCSRW82W7		CCSTQ-2		CCSFQ-2									
	Sample No.	CCSRW82T7		CCSRW82N7		CCSRW82W7		CCSTQ-2		CCSFQ-2									
	Dilution Factor	1.0		1.0		1.0	4.0*	1.0		1.0									
	Location							Trip Blank		Field Blank									
1	Chloromethane																		
1	Bromomethane																		
1	*Vinyl Chloride																		
1	Chloroethane																		
2	*Methylene Chloride					0.30	B	0.90	B	0.80	B								
5	Acetone		R		R	13	B	6	B		R								
1	Carbon Disulfide																		
1	*1,1-Dichloroethene					11													
1	1,1-Dichloroethane					4													
1	*Trans-1,2-Dichloroethene																		
1	Chloroform							0.30	J	0.30	J								
1	*1,2-Dichloroethane																		
5	*2-Butanone		R		R	30	B	28	B	5	B								
1	*1,1,1-Trichloroethane					39 *													
1	*Carbon Tetrachloride																		
1	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

OLC01.0

DATA SUMMARY FORM: VOLATILES 2

Site Name: Cryo Chem

WATER SAMPLES
(µg/L)

Case #: 26064 Sampling Date(s): 11/11/93

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

AR000241

CRQL	COMPOUND																		
	Sample No.	CCSRW82T7		CCSRW82M7		CCSRW82W7		CCSTQ-2		CCSFQ-2									
	Dilution Factor	1.0		1.0		1.0		1.0		1.0									
	Location							Trip Blank		Field Blank									
1	*1,2-Dichloropropane																		
1	Cis-1,3-Dichloropropene																		
1	Trichloroethene					3													
1	Dibromochloromethane																		
1	1,1,2-Trichlorethane																		
1	*Benzene																		
1	Trans-1,3-Dichloropropene																		
1	Bromoform																		
5	4-Methyl-2-pentanone																		
5	2-Hexanone		R		R		R		R		R								
1	*Tetrachloroethene					1													
1	1,1,2,2-Tetrachloroethane																		
1	*Toluene																		
1	*Chlorobenzene																		
1	*Ethylbenzene																		
1	*Styrene																		
1	*Total Xylenes																		
1	1,2-Dibromo-3-Chloropropane																		
1	1,2-Dibromoethane																		
1	cis-1,2-Dichloroethene																		
1	Bromochloromethane																		
1	1,2-Dichlorobenzene																		
1	1,3-Dichlorobenzene																		
1	1,4-Dichlorobenzene																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITION

revised 07/9

CRYOCHEM OU1

Analytical Results

Round 8

Date Sampled: January 24, 1994

Resample

DATA SUMMARY FORM: VOLATILES 1

Site Name Cryochem

Case #: 37446 Sampling Date(s): 1/24/94

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	CSTQ 8		CSRW100T8		CSRW100M8		CSDW100M8		CSRW100U8		CSFQ 1008							
	Sample No.	CSTQ 8		CSRW100T8		CSRW100M8		CSDW100M8		CSRW100U8		CSFQ 1008							
	Dilution Factor	1.0		1.0		1.0		1.0		1.0		1.0							
	% Moisture	—		—		—		—		—		—							
	Location	Trip Blank						Field Duplicate of CSRW100M8				Field Blank							
10	Chloromethane																		
10	Bromomethane																		
10	*Vinyl Chloride																		
10	Chloroethane																		
10	*Methylene Chloride	1	B	2	B	1	B	2	B	2	B	2	B						
10	Acetone																		
10	Carbon Disulfide																		
1	*1,1-Dichloroethene									3									
1	1,1-Dichloroethane																		
10	*Total 1,2-Dichloroethene																		
10	Chloroform																		
1	*1,2-Dichloroethane																		
10	*2-Butanone																		
1	*1,1,1-Trichloroethane									10									
10	*Carbon Tetrachloride																		
10	Vinyl Acetate																		
10	Bromodichloromethane																		

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

DATA SUMMARY FORM: V O L A T I L E S 2

Site Name: Cryochem

Case #: 37446 Sampling Date(s): 4/24/94

WATER SAMPLES
(µg/L)

To calculate sample quantitation limit:
(CRQL * Dilution Factor)

CRQL	COMPOUND	CSTQ8	CSRW100T8	CSRW100M8	CSDW100M8	CSRW100W8	CSFQ1008			
	Sample No.	CSTQ8	CSRW100T8	CSRW100M8	CSDW100M8	CSRW100W8	CSFQ1008			
	Dilution Factor									
	Location	Trip Blank			Field Duplicate of CSRW100M8		Field Blank			
10	*1,2-Dichloropropene									
10	Cis-1,3-Dichloropropene									
10	Trichloroethene									
10	Dibromochloromethane									
10	1,1,2-Trichlorethane									
10	*Benzene									
10	Trans-1,3-Dichloropropene									
10	Bromoform									
10	4-Methyl-2-pentanone									
10	2-Hexanone									
10	*Tetrachloroethene									
10	1,1,2,2-Tetrachloroethane									
10	*Toluene									
10	*Chlorobenzene									
10	*Ethylbenzene									
10	*Styrene									
10	*Total Xylenes									

CRQL = Contract Required Quantitation Limit

*Action Level Exists

SEE NARRATIVE FOR CODE DEFINITIONS
revised 07/92

AR000244

CRYOCHEM OU1

Analytical Results

Round 9

Date Sampled: July 18, 1994

U.S. EPA Region III
Central Regional Laboratory
Annapolis, Maryland

Section: ORGANIC
Page: A1

Facility: CRYOCHEM
Program: SUPERFUND REMOVAL/REMEDIAL

Batch ID: REQ94107
Account #: TFA03NPM9

ORGANIC ANALYTICAL SAMPLE RESULTS

Analytes:	Sample Number:									
			88w	88m	88T	DUP 88T	268w	268m	268T	45(-)
	94072001	94072002	94072003	94072004	94072005	94072006	94072007	94072008	94072009	94072010
	FRB	TRP	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM
VOA										
NQL FACTOR:	1	1	1	1	1	1	1	1	1	1
UNITS:	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acetone										
Carbon Disulfide								0.1 J		
Chloroform			0.2 J	0.4 J						
1,4-Dichlorobenzene										
1,1-Dichloroethane			7.8	9.7			0.2 J	0.3 J	0.4 J	9.3
1,2-Dichloroethane			0.3 J	0.4 J						
1,1-Dichloroethene			32.2	7.2						18.1
Cis-1,2-Dichloroethene			0.2 J							
Methylene Chloride	0.5 B	0.5 B	0.3 B	0.3 B	0.3 B	0.2 B	0.3 B	0.2 B	0.2 B	0.3 B
Naphthalene										
Styrene										
Tetrachloroethene			2.8				0.1 J			0.1 J
Toluene	0.1 J	0.1 J								0.1 B
1,1,1-Trichloroethane			63.9	66.6	0.3 J		0.2 J	0.3 J		15.7
1,1,2-Trichloroethane										
Trichloroethene			5.4							0.4 J
Vinyl Acetate	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
M&P-Xylene Isomers										

R000246

U.S. EPA Region III
Central Regional Laboratory
Annapolis, Maryland

Section: ORGANIC
Page: A2

Facility: CRYOCHEM
Program: SUPERFUND REMOVAL/REMEDIAL

Batch ID: REQ94107
Account #: TFA03NPM9

ORGANIC ANALYTICAL SAMPLE RESULTS

Analytes:	Sample Number:									
	45 m	[illegible]	105 T	105 T Dup	105 M	105 W	188 T	188 T DUP	188 M	188 W
	94072011	94072012	94072013	94072014	94072015	94072016	94072017	94072018	94072019	94072020
	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM
VOA										
NQL FACTOR:	1	1	1	1	1	1	1	1	1	1
UNITS:	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acetone	3 J									
Carbon Disulfide	0.6 J								0.3 J	
Chloroform			0.1 J			0.1 J				0.1 J
1,4-Dichlorobenzene					0.1 J					
1,1-Dichloroethane	4.5					6.7				31.9
1,2-Dichloroethane						0.2 J				0.4 J
1,1-Dichloroethene						38.5				36.6
Cis-1,2-Dichloroethene						0.1 J				0.1 J
Methylene Chloride	0.2 B	0.2 B	0.2 B	0.2 B	0.2 B	0.2 B	0.3 B	0.3 B	0.3 B	0.3 B
Naphthalene					1.4	0.5 J				
Styrene			0.1 J	0.2 J						
Tetrachloroethene						1.7				1.3
Toluene									0.4 B	0.2 B
1,1,1-Trichloroethane	5.3					54.8	0.2 J			40.0
1,1,2-Trichloroethane										0.4 J
Trichloroethene						4.0				3.6
Vinyl Acetate	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
M&P-Xylene Isomers									0.2 J	

DR000247

U.S. EPA Region III
Central Regional Laboratory
Annapolis, Maryland

Section: ORGANIC
Page: A3

Facility: CRYOCHEM
Program: SUPERFUND REMOVAL/REMEDIAL

Batch ID: REQ94107
Account #: TFA03NPM9

ORGANIC ANALYTICAL SAMPLE RESULTS

Analytes:	Sample Number:								
	103T	103M	103W	71T	71M	71W	89T	89M	89W
	94072021	94072022	94072023	94072024	94072025	94072026	94072027	94072028	94072029
	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM	SAM
VOA									
NQL FACTOR:	1	1	1	1	1	1	1	1	1
UNITS:	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Acetone		3 J		3 J					3 J
Carbon Disulfide					1.2				
Chloroform			0.1 J						
1,4-Dichlorobenzene								0.2 J	0.1 J
1,1-Dichloroethane	0.1 J		5.5			0.2 J			
1,2-Dichloroethane									
1,1-Dichloroethene			16.9			0.8 J			
Cis-1,2-Dichloroethene									
Methylene Chloride	0.2 B	0.2 B	0.2 B	0.3 B	0.1 B	0.2 B	0.2 B	0.4 B	0.3 B
Naphthalene									
Styrene									
Tetrachloroethene			1.6			0.4 J			
Toluene						0.3 B			
1,1,1-Trichloroethane			45.9	0.2 J		1.4			
1,1,2-Trichloroethane									
Trichloroethene			3.3			0.2 J			
Vinyl Acetate	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
M&P-Xylene Isomers									

AR000248

CRYOCHEM OU1

Analytical Results

Round 10

Date Sampled: August 25, 1994

Resample

DATA SUMMARY FORM: VOLATILES
WATER SAMPLES (µg/L)
CRYOCHEM SITE

CASE L408110	Sampling Date: August 25, 1994								
RESIDENT NAME	Dicindio				Olock				Kountry Kitchen
Sample Number	CCS-RW-88W-10	CCS-RW-88M-10	CCD-RW-88M-10	CCS-RW-88T-10	CCS-RW-451W-10	CCS-RW-451M-10	CCMS-RW-451T-10	CCS-RW-451T-10	CCS-RW-88M-10
Location of Sample	Well	Midpoint	Midpoint	Tap	Well	Midpoint	Tap	Tap	Tap
		Duplicate Samples					Duplicate Samples		
Dichlorodifluoromethane									
Vinyl Chloride									
Chloromethane									
Chloroethane									
Trichlorofluoromethane									
Bromomethane									
1,1-Dichloroethene	45.0								
Methylene Chloride	7.9 B	1.2 B	2.3 B	2.3 B	1.2 B	1.0 B	1.0 B	1.0 B	
trans-1,2-Dichloroethene									
1,1-Dichloroethane	7.0								
2,2-Dichloropropane									
cis-1,2-Dichloroethene									
Chloroform									
Bromochloromethane									
1,1,1-Trichloroethane	54.0			1.8					
Carbon Tetrachloride									
1,1-Dichloropropene									
Benzene									
1,1-Dichloroethane									
1,2-Dichloroethane									
Trichloroethene	4.3								
1,2-Dichloropropane									
Bromodichloromethane									
Dibromomethane									
cis-1,3-Dichloropropene									
Toluene									
trans-1,3-Dichloropropene									
1,1,2,2-Tetrachloroethane									
1,1,2,-Trichloroethane									
Tetrachloroethene	2.4								
1,3-Dichloropropane									
Dibromochloromethane									
1,2-Dibromoethane (EDB)									
Chlorobenzene									
1,1,1,2-Tetrachloroethane									
Ethylbenzene									
Total Xylenes									
Styrene									
Bromoform									
Isopropylbenzene									
Bromobenzene									
1,2,3-Trichloropropane									
Propylbenzene									
2-Chlorotoluene									
4-Chlorotoluene									
1,2,4-Trimethylbenzene									
tert-Butylbenzene									
sec-Butylbenzene									
1,3,5-Trimethylbenzene									
p-Isopropyltoluene									
m-Dichlorobenzene									
p-Dichlorobenzene									
o-Dichlorobenzene									
1,2-Dibromo-3-chloropropane									
1,2,4-Trichlorobenzene									
Hexachlorobutadiene									
1,2,3-Trichlorobenzene									
Naphthalene									

CRYOCHEM OU1

Analytical Results

Round 11

Dates Sampled: April 3-6, 1994

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040503M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 0960405050

Lab Sample ID: 95040711 Date Received: 04/06/95

Lab File ID: 040711 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040503T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040712 Date Received: 04/06/95

Lab File ID: 040712 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040503W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040710 Date Received: 04/06/95

Lab File ID: 040710 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	5	U
75-00-3	Chloroethane	5	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	35	
75-34-3	1,1-Dichloroethane	7	
156-60-5	Trans-1,2-Dichloroethene	5	U
156-59-4	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	58	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
74-97-5	Bromochloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U
106-93-4	1,2-Dibromoethane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

.096040505D

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040705 Date Received: 04/06/95

Lab File ID: 040705 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040505M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040703 Date Received: 04/06/95

Lab File ID: 040703 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE

096040505T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040704 Date Received: 04/06/95

Lab File ID: 040704 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040505W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040702 Date Received: 04/06/95

Lab File ID: 040702 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	5	U
75-00-3	Chloroethane	5	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	33	
75-34-3	1,1-Dichloroethane	8	
156-60-5	Trans-1,2-Dichloroethene	5	U
156-59-4	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	75	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
74-97-5	Bromochloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U
106-93-4	1,2-Dibromoethane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040568M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040708 Date Received: 04/06/95

Lab File ID: 040708R Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040568T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040709 Date Received: 04/06/95

Lab File ID: 040709 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040056BU

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040707 Date Received: 04/06/95

Lab File ID: 040707R Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040574M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040700 Date Received: 04/06/95

Lab File ID: 040700 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

.09604057

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040701 Date Received: 04/06/95

Lab File ID: 040701 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0960405FQ5

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040713 Date Received: 04/06/95

Lab File ID: 040713 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0960405T05

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040706 Date Received: 04/06/95

Lab File ID: 040706 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040673M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040758 Date Received: 04/07/95

Lab File ID: 040758 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	4	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE No.

096040677

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040759 Date Received: 04/07/95

Lab File ID: 040759 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040673W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040757 Date Received: 04/07/95

Lab File ID: 040757 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	5	U
75-00-3	Chloroethane	5	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	78	
75-34-3	1,1-Dichloroethane	14	
156-60-5	Trans-1,2-Dichloroethene	5	U
156-59-4	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	120	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
74-97-5	Bromochloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	8	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U
106-93-4	1,2-Dibromoethane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

096040688M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040761 Date Received: 04/07/95

Lab File ID: 040761 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	11	
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	23	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040688T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040762 Date Received: 04/07/95

Lab File ID: 040762 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N.

096040688W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040505D

Lab Sample ID: 95040760 Date Received: 04/07/95

Lab File ID: 040760 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 5.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	ug/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	5	U
75-00-3	Chloroethane	5	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	25 29	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	51	
75-34-3	1,1-Dichloroethane	7	
156-60-5	Trans-1,2-Dichloroethene	5	U
156-59-4	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	79	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
74-97-5	Bromochloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U
106-93-4	1,2-Dibromoethane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0960406TQ6

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040763 Date Received: 04/07/95

Lab File ID: 040763 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0960406FQ6

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040771 Date Received: 04/07/95

Lab File ID: 040771 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N.

096040672WDL

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040764 Date Received: 04/07/95

Lab File ID: 040764D Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 10.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	ug/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	20	U
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	100	D
75-34-3	1,1-Dichloroethane	35	D
156-60-5	Trans-1,2-Dichloroethene	10	U
156-59-4	cis-1,2-Dichloroethene	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	50	U
71-55-6	1,1,1-Trichloroethane	130	D
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
74-97-5	Bromochloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
106-93-4	1,2-Dibromoethane	10	U
95-50-1	1,2-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040672W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040764 Date Received: 04/07/95

Lab File ID: 040764 Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	100	
75-34-3	1,1-Dichloroethane	37	
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	170	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	9	
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	3	
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N .

096040672MT

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040766 Date Received: 04/07/95

Lab File ID: 040766 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040672M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040765 Date Received: 04/07/95

Lab File ID: 040765 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

096040671W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600B

Lab Sample ID: 95040772 Date Received: 04/07/95

Lab File ID: 040772 Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	4	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040671M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040773 Date Received: 04/07/95

Lab File ID: 040773 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040671T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040774 Date Received: 04/07/95

Lab File ID: 040774R Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040651WDL

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040767 Date Received: 04/07/95

Lab File ID: 040767D Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	2	U
74-83-9	Bromomethane	2	U
75-01-4	Vinyl Chloride	2	U
75-00-3	Chloroethane	2	U
75-09-2	Methylene Chloride	4	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	2	U
75-35-4	1,1-Dichloroethene	32	D
75-34-3	1,1-Dichloroethane	13	D
156-60-5	Trans-1,2-Dichloroethene	2	U
156-59-4	cis-1,2-Dichloroethene	2	U
67-66-3	Chloroform	2	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	38	D
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	2	U
74-97-5	Bromochloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
79-01-6	Trichloroethene	2	U
124-48-1	Dibromochloromethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
75-25-2	Bromoform	2	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
108-88-3	Toluene	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	2	U
106-93-4	1,2-Dibromoethane	2	U
95-50-1	1,2-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040651W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040767 Date Received: 04/07/95

Lab File ID: 040767 Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	35	
75-34-3	1,1-Dichloroethane	15	
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	45	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040651T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040769 Date Received: 04/07/95

Lab File ID: 040769 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

096040651MDL

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040768 Date Received: 04/07/95

Lab File ID: 040768D Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 2.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	2	U
74-83-9	Bromomethane	2	U
75-01-4	Vinyl Chloride	2	U
75-00-3	Chloroethane	2	U
75-09-2	Methylene Chloride	4	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	2	U
75-35-4	1,1-Dichloroethene	39	D
75-34-3	1,1-Dichloroethane	15	D
156-60-5	Trans-1,2-Dichloroethene	2	U
156-59-4	cis-1,2-Dichloroethene	2	U
67-66-3	Chloroform	2	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	48	D
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	2	U
74-97-5	Bromochloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
79-01-6	Trichloroethene	2	U
124-48-1	Dibromochloromethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
75-25-2	Bromoform	2	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
108-88-3	Toluene	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	2	U
106-93-4	1,2-Dibromoethane	2	U
95-50-1	1,2-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040651M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040768 Date Received: 04/07/95

Lab File ID: 040768 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	41	
75-34-3	1,1-Dichloroethane	13	
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	43	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR000284

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

096040651D

Lab Name: ENVIROSYSTEMS Contract:

ab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040770 Date Received: 04/07/95

Lab File ID: 040770 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO.	COMPOUND	ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040600W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040775 Date Received: 04/07/95

Lab File ID: 040775 Date Analyzed: 04/13/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	14	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR000286

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N .

096040600T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040777 Date Received: 04/07/95

Lab File ID: 040777 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR000287

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040600M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040600D

Lab Sample ID: 95040776 Date Received: 04/07/95

Lab File ID: 040776 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	3	
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	13	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

0960406000

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 0960406000

Lab Sample ID: 95040778 Date Received: 04/07/95

Lab File ID: 040778 Date Analyzed: 04/12/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	12	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040574W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040699 Date Received: 04/06/95

Lab File ID: 040699 Date Analyzed: 04/11/95

Purge Volume: 25.0 mL Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	5	U
75-00-3	Chloroethane	5	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	67	
75-34-3	1,1-Dichloroethane	8	
156-60-5	Trans-1,2-Dichloroethene	5	U
156-59-4	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	88	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
74-97-5	Bromochloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U
106-93-4	1,2-Dibromoethane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U

AR000290

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0960404TQ4

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040676 Date Received: 04/05/95

Lab File ID: 040676 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR000291

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE ...

0960404F04

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040677 Date Received: 04/05/95

Lab File ID: 040677 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

AR000292

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040466T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040673 Date Received: 04/05/95

Lab File ID: 040673 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040416W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040670 Date Received: 04/05/95

Lab File ID: 040670 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 2.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	2	U
74-83-9	Bromomethane	2	U
75-01-4	Vinyl Chloride	2	U
75-00-3	Chloroethane	2	U
75-09-2	Methylene Chloride	4	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	2	U
75-35-4	1,1-Dichloroethene	27	
75-34-3	1,1-Dichloroethane	4	
156-60-5	Trans-1,2-Dichloroethene	2	U
156-59-4	cis-1,2-Dichloroethene	2	U
67-66-3	Chloroform	2	U
107-06-2	1,2-Dichloroethane	2	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	46	
56-23-5	Carbon Tetrachloride	2	U
75-27-4	Bromodichloromethane	2	U
74-97-5	Bromochloromethane	2	U
78-87-5	1,2-Dichloropropane	2	U
10061-01-5	cis-1,3-Dichloropropene	2	U
79-01-6	Trichloroethene	3	
124-48-1	Dibromochloromethane	2	U
79-00-5	1,1,2-Trichloroethane	2	U
71-43-2	Benzene	2	U
10061-02-6	trans-1,3-Dichloropropene	2	U
75-25-2	Bromoform	2	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	U
79-34-5	1,1,2,2-Tetrachloroethane	2	U
108-88-3	Toluene	2	U
108-90-7	Chlorobenzene	2	U
100-41-4	Ethylbenzene	2	U
96-12-8	1,2-Dibromo-3-chloropropane	2	U
100-42-5	Styrene	2	U
1330-20-7	Xylene (total)	2	U
106-93-4	1,2-Dibromoethane	2	U
95-50-1	1,2-Dichlorobenzene	2	U
106-46-7	1,4-Dichlorobenzene	2	U
541-73-1	1,3-Dichlorobenzene	2	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

096040416T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040672 Date Received: 04/05/95

Lab File ID: 040672 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

096040416M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040671 Date Received: 04/05/95

Lab File ID: 040671 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND		G
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040407W

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040667 Date Received: 04/05/95

Lab File ID: 040667 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1 ?	
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	14	
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040407T

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040669 Date Received: 04/05/95

Lab File ID: 040669 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE N

096040407M

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040668 Date Received: 04/05/95

Lab File ID: 040668 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
74-87-3	Chloromethane	1	U
74-83-9	Bromomethane	1	U
75-01-4	Vinyl Chloride	1	U
75-00-3	Chloroethane	1	U
75-09-2	Methylene Chloride	2	U
67-64-1	Acetone	5	U
75-15-0	Carbon Disulfide	1	U
75-35-4	1,1-Dichloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
156-60-5	Trans-1,2-Dichloroethene	1	U
156-59-4	cis-1,2-Dichloroethene	1	U
67-66-3	Chloroform	1	U
107-06-2	1,2-Dichloroethane	1	U
78-93-3	2-Butanone	5	U
71-55-6	1,1,1-Trichloroethane	1	U
56-23-5	Carbon Tetrachloride	1	U
75-27-4	Bromodichloromethane	1	U
74-97-5	Bromochloromethane	1	U
78-87-5	1,2-Dichloropropane	1	U
10061-01-5	cis-1,3-Dichloropropene	1	U
79-01-6	Trichloroethene	1	U
124-48-1	Dibromochloromethane	1	U
79-00-5	1,1,2-Trichloroethane	1	U
71-43-2	Benzene	1	U
10061-02-6	trans-1,3-Dichloropropene	1	U
75-25-2	Bromoform	1	U
108-10-1	4-Methyl-2-Pentanone	5	U
591-78-6	2-Hexanone	5	U
127-18-4	Tetrachloroethene	1	U
79-34-5	1,1,2,2-Tetrachloroethane	1	U
108-88-3	Toluene	1	U
108-90-7	Chlorobenzene	1	U
100-41-4	Ethylbenzene	1	U
96-12-8	1,2-Dibromo-3-chloropropane	1	U
100-42-5	Styrene	1	U
1330-20-7	Xylene (total)	1	U
106-93-4	1,2-Dibromoethane	1	U
95-50-1	1,2-Dichlorobenzene	1	U
106-46-7	1,4-Dichlorobenzene	1	U
541-73-1	1,3-Dichlorobenzene	1	U

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

096040407D

Lab Name: ENVIROSYSTEMS Contract:

Lab Code: ENVSYS Case No.: R3096 SDG No.: 096040402D

Lab Sample ID: 95040675 Date Received: 04/05/95

Lab File ID: 040675 Date Analyzed: 04/10/95

Purge Volume: 25.0 mL Dilution Factor: 5.0

CONCENTRATION UNITS: ug/L

CAS NO.	COMPOUND	ug/L	Q
74-87-3	Chloromethane	5	U
74-83-9	Bromomethane	5	U
75-01-4	Vinyl Chloride	5	U
75-00-3	Chloroethane	5	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	25	U
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	33	
75-34-3	1,1-Dichloroethane	6	
156-60-5	Trans-1,2-Dichloroethene	5	U
156-59-4	cis-1,2-Dichloroethene	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	25	U
71-55-6	1,1,1-Trichloroethane	73	
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
74-97-5	Bromochloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	25	U
591-78-6	2-Hexanone	25	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U
106-93-4	1,2-Dibromoethane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U

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